















**T&S BRASS** 

G-11 PRODUCT CATALOG









The Alliance For Water Efficiency is a national nonprofit organization that advocates for water efficiency and conservation among its diverse membership.

T&S is a member of the U.S. Green Building Council (USGBC), an independent accrediting body that has developed a rating system, the Leadership in Energy and Environmental Design (LEED®) to measure energy efficiency and sustainable building practices.

As a WaterSense Partner we signed an agreement with the U.S. Environmental Protection Agency (EPA) to show our commitment to promote its goals for national water efficiency.



T&S is deeply committed to water and energy conservation and sustainable practices in manufacturing the industry's most energy-efficient foodservice and plumbing products. We are proud to be affiliated with these three organizations.

The "LEED Certification Mark" is a registered trademark owned by the U.S. Green Building Council and is used by permission.

#### **Company History**

With a steadfast commitment to quality, **T&S Brass and Bronze Works**, **Inc**. for over 60 years has set the standard of excellence for the plumbing industry.

Founded in 1947, **T&S** originally developed foodservice plumbing equipment, including the markets' first prerinse unit, which became the industry standard. In 1950, we introduced its full line of foodservice plumbing products, establishing **T&S** as the premier manufacturer in the industry. By 1953, **T&S** introduced the foot pedal valve, the next **T&S** product to became the industry standard.

Over the next four decades, we entered new markets within the plumbing industry. In 1956, **T&S** made its debut into the laboratory market with its Lab-Flo line of laboratory service fittings. Four years later, the company expanded into nonresidential markets with industrial grade faucets for institutional applications, and penetration of the commercial plumbing market began.

Today, **T&S** produces faucets, fittings and specialty products for foodservice, industrial, commercial plumbing and laboratory markets. Our products have become the standard for the majority of U.S. hospitals, schools, restaurants, prisons, and public facilities.

**T&S** expansion, however, has not been limited to the borders of the United States. During the last thirty years, the company has significantly increased overseas exports. Today, representatives sell **T&S** products around the world – in Europe, Australia, the Middle East, Canada, Japan, southeast Asia and Central and South America.

To support its growing global distribution system, **T&S** has established facilities on several continents. More than 200 employees manufacture products and service customers from company headquarters in Travelers Rest, South Carolina, with a second U.S. distribution center in Simi Valley, California to more efficiently serve the west coast. An overseas office and distribution center is located in Europe.

Leading the way in innovation, quality manufacturing and customer service, T&S will remain dedicated to the same level of excellence which established its reputation and what our customers rely on – Reliability Built In™.

#### Warranty Information

All **T&S** products are warranted to be free from defects in material and workmanship for a period of one (1) year from the date of purchase. Liability is limited thereunder to factory repair and/or replacement of material found to be defective, after examination by **T&S**, during the warranty period. No claims for labor, shipping costs or consequential damages will be accepted or honored.

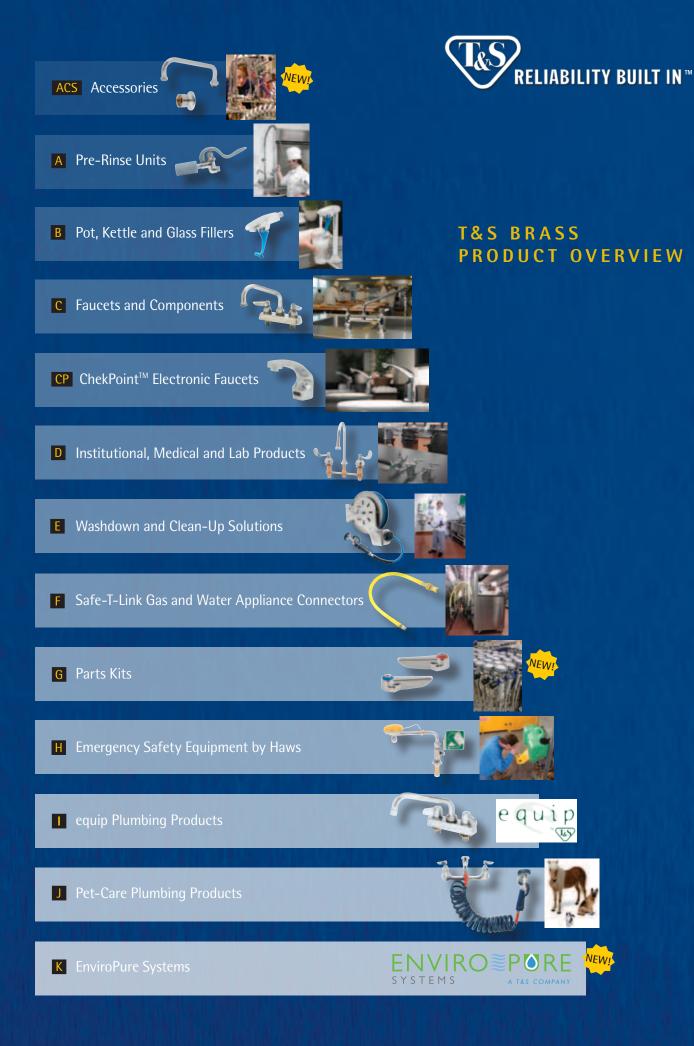
Replacement and/or repair under this warranty will be made within a reasonable time after receipt by **T&S** of the allegedly defective item.

Items which have received secondary finishing or have been altered in any way after purchase are not covered by this warranty. Claims resulting from damaged cartons must be filed with the carrier.

Some states do not allow limitations on how long an implied warranty lasts or on the exclusion of incidental or consequential damages, so all the limitations or exclusions appearing herein may not be permitted by your state and, therefore, your local statutes should be consulted with respect thereto or with respect to any other rights which your state statutes may specifically confer on you.

After receiving proper authorization, all returns of merchandise which are claimed defective under this warranty must be sent to **T&S Brass and Bronze Works, Inc.**, P.O. Box 1088, 2 Saddleback Cove, Travelers Rest, SC 29690, clearly marked to the attention of the Warranty Repair Department. Shipping charges, both ways, shall be paid by the customer.







# **T&S Brass** *Your Source for Buy American Act Products*



# **G-11** General Product Catalog Table of Contents



ACS Accessories	Nozzles, Goosenecks and Spouts • Aerators, Laminar Flow Outlets and Non-Aerated Spray Devices • Cartridge Assemblies • Hot and Cold Spindle Assemblies • Adapters • Handles • Inlet Product Options • Hoses
A Pre-Rinse Units	Single Hole Deck-Mount Pre-Rinses • 8" Deck-Mount Pre-Rinses • 8" Wall-Mount Pre-Rinses • Swivel for Pre-Rinse Units • Accessory Tees • Spray Valve, Faucet and Hose Assemblies • Spray Valve / Pre-Rinse Accessories
<b>B</b> Pot, Kettle and Glass Fillers	Glass Fillers, Water Stations and Bubblers • Water Filtration Models • Pot and Kettle Fillers • Range Faucets and Pot Fillers • Kettle Kaddy Spray Stanchions • Big-Flo Faucets • Dipperwell Faucets • Accessories
<b>C</b> Faucets and Components	Swivel Sink and Pantry Faucets and Nozzles • Rigid Sink and Pantry Faucets • Workboard Faucets and Nozzles • Water-Saving Faucet Models Waste Valves • T&S Product Adaptability • Faucet-Nozzle Charts
<b>CP</b> ChekPoint <sup>™</sup> Electronic Faucets	ChekPoint™ Sensor Faucets with Above Deck Electronics • Below Deck Electronic Faucets • Thermostatic Mixing Valve Models • Hydrogenerator Models • Features and Options Charts • Ware-Washing Rinse Faucet
D Institutional, Medical and Lab Products	Single Lever Faucets • Lavatory Faucets • Pedal Valves, Dummy Goosenecks and Bubblers • Service Sink and Sill Faucets • Bedpan Washers • Bath and Shower • Vacuum Breakers • Laboratory Faucets • Stops
<b>■</b> Washdown and Clean-Up Solutions	Stainless Steel Open and Enclosed Retractable Hose Reels • Painted Steel Open and Enclosed Retractable Hose Reels • Complete Hose Reel Systems Charts • Water Guns and Spray Valves • Washdown Stations / Accessories
Safe-T-Link Gas and Water Appliance Connectors	Gas Appliance Connectors and Accessories • Water Appliance Connectors and Accessories • SwiveLink and FreeSpin Fittings • Quick-Disconnects • POSI-SET Wheel Placement System For Moveable Cooking Equipment
6 Parts Kits	Parts, Repair and Installation Kits / Pre-Rinses and Spray Valves • Cartridges and Spindle Assemblies • Faucets and Handle Parts Kits • Plumbing and Waste Valve Kits • Glass Filler and Vacuum Breaker Repair Kits
H Emergency Safety Equipment by Haws	Emergency Safety Equipment For On-the-Job Eye Safety / Eye and Face Wash Units • Eyewash Stations • Counter-Mounted Eye/Face Wash Unit • Tempered Water Blending Valve • Safety Recording, Parts and Repair Kits
equip Plumbing Products	Equip Electronic Faucets / Equip Deck- and Wall-Mount Pre-Rinse Units • Equip Faucets • Equip Glass Fillers • Equip Hose Reels, Water Guns and Spray Valves • Swing Nozzles and Goosenecks • Accessories
Pet-Care Plumbing Products	Wash and Rinse Pre-Rinses and Faucets / Pet Grooming Stations • Wall- and Deck-Mount Faucets with Sprays • Equip Electronic and Hands-Free Faucets • Hose Reels • Sprays / Water Guns • Washdown Station • Eyewash Safety
K EnviroPure Systems	A Revolutionary On-Site System To Process Your Food Waste • Tailored To Your Unique Facility • Eliminate Hauling Costs • Good For Your Bottom Line • Good For the Planet • Offer a Range of Capacities To Meet Your Needs
IN Master Index	



## **Product Adaptability**

T&S Brass offers unparalleled product adaptability. Our extensive product lines include base faucets, nozzles, aerators, goosenecks, spouts, handles and inlet options, and many combinations of T&S components are available.











T&S Swivel or Rigid Faucets Can Combine with a Wide Variety of T&S Goosenecks, Nozzles, Spouts, Handles, Inlets and Aerators

For example to customize your faucet, you could specify:





# If Your World Is Ceramic, Choose T&S Cerama

# RELIABILITY BUILT IN"

U.S. Patent # 5,996,614

# The Commercial Grade Ceramic Cartridge Built to Last a Lifetime

**T&S** offers the first truly commercial ceramic cartridge designed for heavy use in both foodservice and plumbing applications and backed by a lifetime guarantee. **Cerama** represents the latest in ceramic disc technology and is made from the finest materials. Precision-polished to form a perfect fit, the discs create a watertight seal that will not leak.

Only the **T&S Cerama** offers the benefits of true commercial construction. **Cerama** has a solid brass spindle and body, which provides rugged durability. **Cerama's** sturdy spline gives a solid permanent lock and provides superior torque resistance. **Cerama** can withstand temperatures up to 180°F, and integrated cartridge baffles at the outlets reduce water hammer and provide quiet operation.

As an added benefit for applications with valves downstream, **T&S Cerama** 

is the only ceramic cartridge (U.S. Patent # 5,996,614) that comes with an optional integral check valve, which is critical for stopping cross flow in applications.

T&S Cerama – manufactured to the highest standards to bring you quality and maintenancefree performance backed by a lifetime guarantee.

#### **T&S Cartridge Water Savings - GPM Chart**

	At 60 psi	At 60 psi (with spring checks)
T&S Eterna	8 GPM per side	6 GPM per side
T&S Cerama	6 GPM per side	5 GPM per side

# If Your World Is Compression, Choose T&S Eterna

# The Compression Cartridge That Specifiers and End-Users Have Relied on For Over 50 Years

**T&S Eterna** cartridges "rule" the compression world. Tried and true, the **Eterna** cartridge has impressed specifiers and end-users alike with its rugged quality, flexibility, common sense design and superior value. **Eterna** is a proven compression cartridge backed by experience and the excellent **T&S** standard warranty. Its solid brass body is the mark of a true commercial grade product.





#### Certification

As a leader in quality manufacturing, **T&S Brass** proudly displays certificates that demonstrate that we have met the stringent standards developed by the International Standardization Organization (ISO), ASME International, NSF International and CSA International (Canadian Standards Association).

Our company's ISO-9001:2008 certification is based on an evaluation of its performance of the various jobs and processes that potentially affect product quality. **T&S** guarantees its products will be manufactured to the highest standards in the industry with the finest craftsmanship possible.



Underwriters Laboratories plays a key role in evaluating how **T&S** meets the ISO-9001:2008 standard. As the Quality Systems Registrar, UL DQS Inc. was responsible for the entire registration process and oversees periodic assessments to help **T&S** maintain its goal of exceeding customer expectations for quality manufacturing and service.

CSA International handles the vast majority of third-party testing and certifications for **T&S Brass** products. These product certifications are a further demonstration of our company's commitment to the needs of our customers and their communities. Following an evaluation for both the leaching of contaminants into drinking water from faucets and the mechanical quality standards, **T&S** pre-rinse units and drinking water and lavatory faucets meet or exceed the NSF/ANSI Standard 61, Section 9 standard for Drinking Water Systems (Health Effects) and the ASME A112.18.1 / CSA B125.1 standard for mechanical quality. In short, **T&S** products are both safe for use within any drinking water system and adhere to the mechanical quality standards for ease of installation, operation, and reliability.

By meeting or exceeding the standards set by these internationally recognized organizations, we demonstrate our commitment to deliver the highest quality products to customers around the world.

At T&S Brass, we are pleased to take a leading role in innovating and developing AB1953-compliant fixture fittings. Look to T&S's website, www.tsbrass.com for news and products related to AB1953 and the newly released NSF/ANSI 372 Drinking Water Systems Components – Lead Content. Contact your sales representative or T&S customer service for more information. And enjoy the confidence that comes with Reliability Built In<sup>TM</sup>.













Attention: California Residents
California's Proposition 65 requires that California consumers
receive warnings about any
products which contain chemicals
known to the State of California
to cause cancer or birth defects
or other reproductive harm. The
State of California requires the
following notice: WARNING:
This product contains chemicals
known to the State of California
to cause cancer, and birth defects
or other reproductive harm.

#### Associations



















#### **G-11** General Product Catalog

#### **Table of Contents**

# RELIABILITY BUILT IN"

#### Accessories - ACS Faucets and Fittings ..... ACS2-15 • Nozzles, Goosenecks and Spouts 3-5 • Big-Flo Nozzles • Custom Goosenecks and Nozzles 6 Aerators • Laminar Flow Outlets 8 • Non-Aerated Spray Devices 8 • Other Outlets (Series 1 and 2) 9 Handles 14-15 • Vandal-Resistant Keys 15 • Soap Dishes 15 Cartridge Assemblies ...... ACS10-11 Hot and Cold Spindle Assemblies ....... ACS12-13 EasyInstall Accessory Tees ..... ACS16 Inlet Product Options ...... ACS17-19 • Union Coupling Inlets 17 Inlet Extensions 18 • Elbows and Tees 19 Supply Nipple Kits 19 Adapters, Risers, Connectors ......ACS20-21 • Adapters, Inlets and Supply Connectors 20 • Risers and Connectors 20 • Conversion and Inlet Adapters 21 Replacement Hoses ......ACS22 • Flexible Stainless Steel 22 PVC and Vinyl 22 T&S Brass and Water Conservation ......ACS23 • Definitions and Use: T&S Water Conservation Products • Aerators, Laminar Flow Outlets and Non-Aerated Spray Device Outlets • Plain End Outlets with Flow Towers • Multiple Flow Tower Installation and GPM

#### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the G-11 General Product Catalog Master Index section (IN).

Please visit www.tsbrass.com for a complete product listing.

#### **Nozzles, Goosenecks and Spouts**

#### **Swing Nozzles**



 Nozzle tip has 55/64-27 UN male threads for Series 1 outlets and stream regulator (B-PT)

Model No.	Standard Length	Sizes Height	Clearance
059X	6" (152 mm)	5-1/16" (129 mm)	2-5/16" (59 mm)
060X	8" (203 mm)	5-11/16" (144 mm)	2-15/16" (74 mm)
061X	10" (254 mm)	6-9/16" (167 mm)	3-13/16" (97 mm)
062X	12" (305 mm)	7-1/16" (179 mm)	4-5/16" (110 mm)
063X	14" (356 mm)	7-5/8" (194 mm)	4-7/8" (124 mm)
064X	16" (406 mm)	8-3/4" (222 mm)	5-15/16" (151 mm)

<b>059XM</b> Master Box (12)	<b>064XM</b> Master Box (12)
<b>060XM</b> Master Box (12)	<b>065XM</b> Master Box (12)
<b>061XM</b> Master Box (12)	060XP Plain end outlet
<b>062XM</b> Master Box (12)	062XP Plain end outlet
<b>063XM</b> Master Box (12)	

Note: XP = Plain end

• XP nozzles require a minimum flow rate of 1.0 GPM

Note: See p. 7-8 for other Series 1 outlets used with these swing nozzles

#### Double-Joint Nozzles

065X 18" (457 mm)



9-1/16" (230 mm)

 Nozzle tip has 55/64-27 UN male threads for Series 1 outlets and stream regulator (B-PT)



6-5/16" (160 mm)

#### **Double-Joint Nozzle Sections:**

151X 6" (152 mm) back section 152X 9" (229 mm) back section 153X 6" (152 mm) front section

Note: See p. 7-8 for other Series 1 outlets used with these double-joint swing nozzles

Model	Standard Sizes				
No.	Back Section	Front Section	Total Length	Height	Clearance
066X	6" (151X) (152 mm)	6" (153X) (152 mm)	12" (305 mm)	7-1/8" (181 mm)	4-5/16" (110 mm)
067X	9" (152X) (229 mm)	6" (153X) (152 mm)	15" (381 mm)	7-1/8" (181 mm)	4-5/16" (110 mm)
068X	12" (002781-40) (305 mm)	6" (153X) (152 mm)	18" (457 mm)	7-1/8" (181 mm)	4-5/16" (110 mm)
069X	12" (002781-40) (305 mm)	12" (006186-40) (305 mm)	24" (610 mm)	6-9/16" (167 mm)	3-7/8" (98 mm)

#### Swivel Gooseneck

 Nozzle tip has either 55/64-27 UN male or 3/8" NPSM female threads and stream regulator



Model S	Standard Sizes			
No.	Spread	Height	Clearance	Outlet/Series
131X	2-13/16" (71 mm)	4-11/16" (119 mm)	2-3/16" (56 mm)	B-PT (Series 1)
132X	2-5/8" (67 mm)	9" (229 mm)	5-7/16" (138 mm)	B-LT (Series 2)
133X	5-11/16" (144 mm)	10-5/16" (262 mm)	6-1/4" (159 mm)	B-PT (Series 1)
133X-AER	5-3/4" (146 mm)	10-5/16" (262 mm)	5-13/16" (148 mm)	B-0199-01 (Ser. 1)
133X-LAM	5-3/4" (146 mm)	10-5/16" (262 mm)	5-13/16" (148 mm)	B-0199-21 (Ser. 1)
133X-LAM-	VR 5-3/4" (146 mm)	10-5/16" (262 mm)	5-13/16" (148 mm)	B-0199-21-VRF (1)
134X	7-3/4" (197 mm)	11-7/16" (291 mm)	5-9/16" (141 mm)	B-LT (Series 2)
135X	8-3/4" (222 mm)	12-1/16" (306 mm)	5-5/8" (143 mm)	B-LT (Series 2)
135X-LAM	8-3/4" (222 mm)	12-1/16" (306 mm)	5-13/16" (148 mm)	B-0199-21 (Ser. 1)
135X-LAM-	VR 8-3/4" (222 mm)	12-1/16" (306 mm)	5-13/16" (148 mm)	B-0199-21-VRF (1)
136X	12-3/16" (310 mm)	14-11/16" (373 mm)	5-9/16" (141 mm)	B-LT (Series 2)

#### **Swivel Gooseneck/Plain End Spout:**

131XP Same as 131X except with plain end 132XP Same as 132X except with plain end 133XP Same as 133X except with plain end 134XP Same as 134X except with plain end 135XP Same as 135X except with plain end

Note: XP = Plain end

 XP nozzles require a minimum flow rate of 1.0 GPM

#### **Swivel Gooseneck/Stream Regulator:**

131X-ADA ADA gooseneck

131XM Master Box (6)

132XM Master Box (6)

133XM Master Box (6)

**135XM** Master Box (6)

Note: See p.7-8 for other Series 1 or Series 2 outlets used with these goosenecks

-AER Aerator -LAM Laminar Flow Outlet

-VR Vandal-Resistant

#### **Nozzles, Goosenecks and Spouts**

#### Rigid Gooseneck



 Nozzle tip has 3/8" NPSM female thread for Series 2 outlets and stream regulator (B-LT)

Model S	Standard Sizes		
No.	Spread	Height	Clearance
119X	2-5/8" (67 mm)	8-3/4" (222 mm)	5-1/4" (133 mm)
120X	5-1/2" (140 mm)	10-1/4" (260 mm)	5-1/4" (133 mm)
120X-LAM	5-9/16" (141 mm)	10-1/4" (260 mm)	4-13/16" (122 mm)
120X-LAM-	<b>VR</b> 5-9/16" (141 mm)	10-1/4" (260 mm)	4-3/4" (121 mm)
122X	5-1/2" (140 mm)	11-1/2" (292 mm)	6-1/2" (165 mm)
123X	5-1/2" (140 mm)	12-1/2" (318 mm)	7-1/2" (191 mm)
124X	5-1/2" (140 mm)	13-1/2" (343 mm)	8-1/2" (216 mm)
125X	5-1/2" (140 mm)	14-1/2" (368 mm)	9-1/2" (241 mm)
126X	5-1/2" (140 mm)	5-1/2" (140 mm)	10-1/2" (267 mm)
127X	7-5/8" (194 mm)	11-1/12" (292 mm)	5-1/2" (140 mm)
128X	7-5/8" (194 mm)	13-1/2" (343 mm)	7-1/2" (191 mm)
129X	8-1/2" (216 mm)	11-3/4" (298 mm)	5-7/16" (138 mm)
130X	12-3/16" (310 mm)	13-3/8" (340 mm)	4-1/2" (114 mm)
165X	4-1/16" (103 mm)	9-1/4" (235 mm)	5-13/16" (148 mm)

**-LAM** Laminar Flow Outlet **-VR** Vandal-Resistant

# Rigid Gooseneck/Stream Regulator: 120XM Master Box (6)

#### **Rigid Gooseneck/Plain End Spout:**

119XP Same as 119X except with plain end 120XP Same as 120X except with plain end 122XP Same as 122X except with plain end 123XP Same as 123X except with plain end 129XP Same as 129X except with plain end

Note: XP = Plain end

 XP nozzles require a minimum flow rate of 1.0 GPM

Note: See p. 7-8 for other Series 2 outlets for these goosenecks

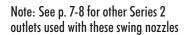
#### Soap Dish Nozzle



 Nozzle tip has 3/8" NPSM female thread for Series 2 outlets and stream regulator (B-LT)

• Fits all standard T&S swivel outlets

Model No.	Length
110.	Lengin
160X	6" (152 mm)
161X	8" (203 mm)
162X	12" (305 mm)
163X	18" (457 mm)
	· · · · · · · · · · · · · · · · · · ·



#### 0CS6 Swivel Cast Spout



 Polished chrome plated cast nozzle with 3/8" NPSM female threads for Series 2 outlets and aerator (B-0199-02)



Model No.	Length	Height	Clearance
<b>0CS6</b>	6" (152 mm)	2-3/8" (60 mm)	11/16" (24 mm)
0CS8	8" (203 mm)	5-3/16" (132 mm)	3-1/2" (96 mm)

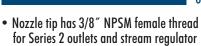
OCS8-LT 8" (229 mm), B-LT stream regulator and 4" clearance

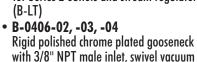
Note: See p. 7-8 for other Series 2 outlets used with these spouts

#### **Nozzles, Goosenecks and Spouts**

#### **Swivel Vacuum Breaker** Gooseneck







breaker — swivels at vacuum breaker

• B-0407-02, -03, -04 Swivel polished chrome plated gooseneck with vacuum breaker — swivels at base. Fits all standard T&S swivel outlets (B-0407 models only)



B-0406-02

Model No.	Spread	Height	Clearance
B-0406-02	5-5/8" (143 mm)	9-1/16" (230 mm)	4-11/16" (119 mm)
B-0406-03	8-5/8" (219 mm)	9-1/16" (230 mm)	4-11/16" (119 mm)
B-0406-04	11-5/8" (295 mm)	9-1/16" (230 mm)	4-11/16" (119 mm)
B-0407-02	5-5/8" (143 mm)	8-11/16" (221 mm)	4-3/8" (111 mm)
	8-5/8" (219 mm)	8-11/16" (221 mm)	4-3/8" (111 mm)
B-0407-04	11-5/8" (295 mm)	8-11/16" (221 mm)	4-3/8" (111 mm)

Note: See p. 7-8 for other Series 2 outlets used with these goosenecks

#### **Rigid Vacuum Breaker** Gooseneck



- Rigid polished chrome plated gooseneck with vacuum breaker
- 3/8" NPT male inlet
- Nozzle tip has 3/8" NPSM female thread for Series 2 outlets and stream regulator (B-LT)
- Fits all standard T&S rigid outlets



Model No.	Spread	Height	Clearance
B-0405-02	5-5/8" (142 mm)	8-7/8" (226 mm)	4-1/2" (114 mm)
B-0405-03	8-9/16" (218 mm)	8-7/8" (226 mm)	4-1/2" (114 mm)
B-0405-04	11-5/8" (295 mm)	8-7/8" (226 mm)	4-1/2" (114 mm)

Note: See p. 7-8 for other Series 2 outlets used with these goosenecks

#### **Vacuum Breaker Swing Nozzle** with Stream Regulator



- Polished chrome plated swing nozzle with vacuum breaker
- Nozzle tip has 3/8" NPSM female thread for Series 2 outlets and stream regulator (B-LT)
- Fits all standard T&S swivel outlets



# Model

No.	Spread	Height
B-0408-02	5-5/8" (143 mm)	3-11/16" (94 mm)
B-0408-03	8-5/8" (219 mm)	3-11/16" (94 mm)
B-0408-04	11-5/8" (295 mm)	3-11/16" (94 mm)

Note: See p. 7-8 for other Series 2 outlets used with these nozzles

#### **Vacuum Breaker Swing Nozzle** with Garden Hose Thread



- Nozzle has 3/4" garden hose thread outlet (B-GH)
- Fits all standard T&S swivel outlets



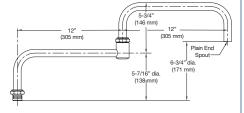
Model No.	Spread	Height
B-0409-02	5-5/8" (143 mm)	3-11/16" (94 mm)
B-0409-03	8-5/8" (219 mm)	3-11/16" (94 mm)
B-0409-04	11-5/8" (295 mm)	3-11/16" (94 mm)

Note: See p. 7-8 for other Series 2 outlets used with these nozzles

#### **Big-Flo Nozzles**

## 116X Big-Flo Double Joint Swing Nozzle

- Plain end outlet
- Fits all standard T&S Big-Flo faucets



Model	Standard Sizes			
No.	Front Section	<b>Back Section</b>	Clearance	
116X	12" (305 mm)	12" (305 mm)	6-13/16" (173 mm)	
117X	12" (305 mm)	_	11/16" (17 mm)	
118X	_	12" (305 mm)	_	

#### **Big-Flo Swing Nozzles**

- Plain end outlet
- Fits all standard T&S Big-Flo swivel outlets



Model	Standard Sizes				
No.	Length	Clearance	Height		
112X	10" (254 mm)	3-1/4" (83 mm)	6-15/16" (176 mm)		
114X	12" (305 mm)	4" (102 mm)	7-5/8" (194 mm)		
115X	18" (457 mm)	6-1/16" (154 mm)	9-11/16" (246mm)		

#### **Special Custom Goosenecks and Nozzles**

#### 002848-40 Double-Joint Pot Filler

- 18"(457 mm) length, 12"(305 mm) back, 6"(152 mm) front
- Heat resistant ON-OFF control grip on nozzle end (035A)
- Fits all standard T&S swivel outlets



#### TT-1 Swivel Gooseneck



- Custom gooseneck
- Chrome plated swivel gooseneck
- Stream regulator outlet (B-LT)
- Fits all standard T&S swivel outlets
- Must specify height, spread and clearance dimensions
- Must specify if gooseneck is to be swivel or rigid



#### B-2387 Swivel Gooseneck

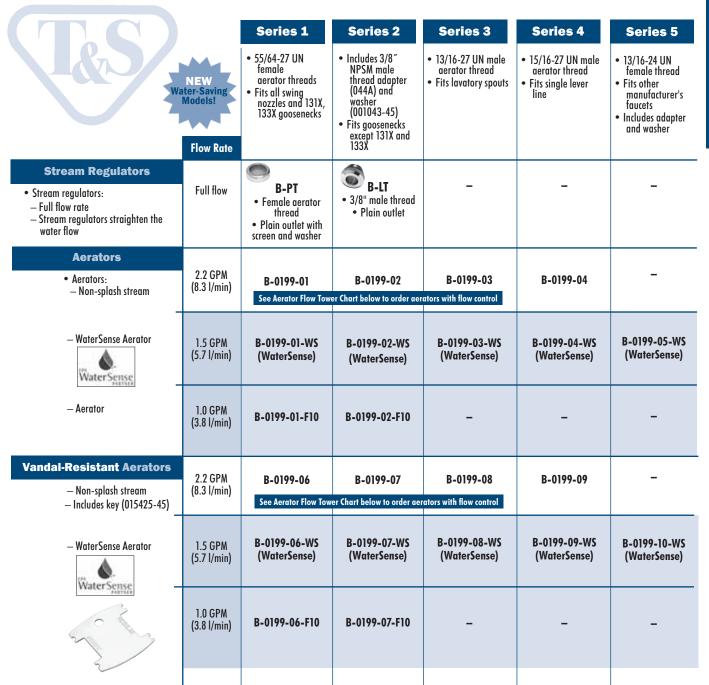
- Chrome plated 8-3/8"(213 mm) spread swivel gooseneck
- 10-1/8" (257 mm) total height
- 8-1/4" (210 mm) clearance
- Series 1 non-splash aerator, 2.2 GPM (B-0199-01)
- Fits all standard T&S swivel outlets



**010094-40** B-2386 swivel gooseneck with 11-5/16" (287 mm) height, 5-1/2" (139 mm) spread and 9-7/16" (240 mm) clearance




#### **Aerators**



Aerators with Flow Towers
---------------------------

B-0199-01F-XX Series 1 B-0199-02F-XX Series 2 B-0199-03F-XX Series 3

#### Vandal-Resistant Aerators with Flow Towers

B-0199-06F-XX Series 1 B-0199-07F-XX Series 2 B-0199-08F-XX\* Series 3

#### GPM - 10% To order:

Select flow desired, then add suffix to model number. For ex.:, B-0199-02<u>F-15</u> for 1.40 GPM

Note: Painted mark on each flow control within the assembly indicates flow of unit.

Aerator Flow Tower Chart			
Flow (GPM) Suffix			
0.25	F-03		
0.40	F-05		
0.70	F-07		
0.90	F-10		
1.20	F-12		
1.40	F-15		
2.00	F-20		

ACS7

<sup>\*</sup> Not available with suffix -12 or -15



## Laminar Flow Outlets and Non-Aerated Spray Devices

		Series 1	Series 2	Series 3	Series 4	Series 5
	NEW /ater-Saving Models!	• 55/64-27 UN female aerator threads • Fits all swing nozzles and 131X, 133X goosenecks	Includes 3/8"     NPSM male     thread adapter     (044A) and     washer     (001043-45)     Fits goosenecks     except 131X and     133X	13/16-27 UN male aerator thread     Fits lavatory spouts	15/16-27 UN male aerator thread     Fits single lever line	13/16-24 UN female thread     Fits other manufacturer's faucets     Includes adapter and washer
Laminar Flow Devices  • Non-aerated stream • Screenless; for use in	2.2 GPM (8.3 l/min)	B-0199-21	-	B-0199-26	B-0199-25	-
medical facilities to prevent airborne bacteria from entering water stream	1.5 GPM (5.7 l/min)	B-0199-29	-	-	-	-
Vandal-Resistant Laminar Flow Devices  • Non-aerated stream • Screenless • Vandal-resistant with key shown below (015425-45) • -VR - female thread -VRF - female thread -VRM - male thread	2.2 GPM (8.3 l/min)	B-0199-21-VRF	-	B-0199-28	B-0199-27	-
	1.5 GPM (5.7 l/min)	B-0199-29VR	- NE Water- Mod	- Saving leis!	B-0199-09-LF15	-
	1.0 GPM (3.8 l/min)	-	- 1	B-0199-08-LF10	B-0199-09-LF10	-
Non-aerated Spray Devices     Non-aerated spray pattern     Screenless     For use in medical facilities to prevent bacteria from entering water stream	0.35 GPM (1.3 l/min)	B-0199-01-N035	B-0199-02-N035	B-0199-03-N035	B-0199-04-N035	B-0199-05-N035
	0.5 GPM (1.9 l/min)	B-0199-01-N05	B-0199-02-N05	B-0199-03-N05	B-0199-04-N05	B-0199-05-N05
Vandal Resistant Non- Aerated Spray Devices  • Non-aerated spray pattern • Screenless	0.35 GPM (1.3 l/min)	B-0199-06-N035	B-0199-07-N035	B-0199-08-N035	B-0199-09-N035	Water-Mod B-0199-10-N035
<ul> <li>For use in medical facilities to prevent bacteria from entering water stream</li> <li>Vandal-resistant key (shown below) to attach and remove outlet (015425-45)</li> </ul>	0.5 GPM (1.9 l/min)	B-0199-06-N05	B-0199-07-N05	B-0199-08-N05	B-0199-09-N05	B-0199-10-N05



#### **Faucets and Fittings**

#### **Outlets**

#### **Series 1 Outlets**



- 55/64-27 UN female aerator threads
- Fits all swing nozzles and 131X, 133X goosenecks

#### B-0103-01 Rosespray

- 55/64-27 UN female aerator thread
- Solid brass construction



#### **B-GFE Garden Hose Outlet**

- 55/64-27 UN female aerator thread
- Fits on end of nozzle or gooseneck to convert aerator male thread to 3/4" male garden hose thread



#### B-0199-22 **Swivel Aerator**

- 55/64-27 UN female inlet
- Includes 15/16-27 UN male adapter
- Swivel outlet
- 2.2 GPM
- Dual spray pattern: aerator or rosespray



#### **Series 2 Outlets**



- 3/8" NPSM male thread
- Fits goosenecks

#### **B-0103** Rosespray

- Solid brass construction
- 3/8" NPSM male thread



#### **B-0103-Fxx Series** Rosespray

- Solid brass construction
- 3/8" NPSM male thread
- B-0103-FXX models with flow control assembly and 3/8"-18 NPT male thread — refer to Flow Tower Chart below to specify flow desired and add numbers to model

Flow Tower Chart					
Model No. Flow (GPM) Laser Marking					
B-0103- <b>F03</b>	0.25	025			
B-0103- <b>F05</b>	0.40	040			
B-0103- <b>F07</b>	0.70	070			
B-0103- <b>F10</b>	0.90	090			
B-0103- <b>F12</b>	1.20	120			
B-0103- <b>F15</b>	1.40	140			
B-0103- <b>F20</b>	2.00	200			

#### **B-GH Garden Hose Outlet**

• 3/8" NPSM male x 3/4" male garden hose thread adapter



#### **B-0198 Serrated Hose End**

- 3/8" NPT male inlet thread
- Serrated hose end accepts rubber or plastic tubing up to 1/2'' I.D.



#### B-0198-Fxx Series Serrated Hose End

- 3/8" NPT male inlet thread
- Straight serrated hose tip with flow tower and retainer assembly
- End accepts rubber or plastic tubing up to 1/2" I.D.
- Refer to Flow Tower Chart below to specify flow desired and add numbers to model suffix

Flow Tower Chart						
Model No.	Model No. Flow (GPM) Laser Marking					
B-0198- <b>F03</b>	0.25	025				
B-0198- <b>F05</b>	0.40	040				
B-0198- <b>F07</b>	0.70	070				
B-0198- <b>F10</b>	0.90	090				
B-0198- <b>F12</b>	1.20	120				
B-0198- <b>F15</b>	1.40	140				
B-0198- <b>F20</b>	2.00	200				

#### For Serrated Hose End To order:

Select flow desired, then add suffix to model number.

Ex.: B-0198-F03 for 0.25 GPM

#### **Manual Faucets**







Manual Faucets with ETERNA	Cartridge	Quarter-Turn Cartridge	Cartridge with Lever Handle, Index and Screw
ETERNA Hot	005960-40	005960-40QT	002714-40
ETERNA Cold	005959-40	005959-40QT	002713-40
ETERNA with Teflon Seat Washer, Hot (use with Wrist-Action)	006010-40	006010-40QT	-
ETERNA with Teflon Seat Washer, Cold (use with Wrist-Action)	006009-40	006009-40QT	-
Manual Faucets with CERAMA		Quarter-Turn Cartridge	Quarter-Turn Cartridge with Lever Handle, Index and Screw
		H MASS	
CERAMA Quarter-Turn, Hot	_	011278-25	012444-25
CERAMA Quarter-Turn, Cold	_	011279-25	012445-25

# Pre-Rinse Units and Faucets with garden hose threads, faucets with spray valves, or with any faucet where the outlet flow can be shut off







Pre-Rinse Units with ETERNA	Cartridge	Quarter-Turn Cartridge with Integral Spring Check	Quarter-Turn Cartridge with Integral Spring Check, Lever Handle, Index and Screw
ETERNA with Integral Spring Check, Quarter-Turn, Hot	-	012443-40	002712-40
ETERNA with Integral Spring Check, Quarter-Turn, Cold	-	012442-40	002711-40
Pre-Rinse Units with CERAMA		Quarter-Turn Cartridge with Check Valve	Quarter-Turn Cartridge with Check Valve, Lever Handle, Index and Screw
CERAMA with Check Valve, Quarter-Turn, Hot	-	012394-25	012446-25
CERAMA with Check Valve, Quarter-Turn, Cold	_	012395-25	012447-25

# **B-1100 Series Deck-Mount Faucets**







B-1100 SERIES Faucets, Deck-Mount	Spindle Assembly	Quarter-Turn Spindle	Spindle with Lever Handle, Index and Screw
Spindle Assembly, Hot	009753-25	009753-25QT	002710-40
Spindle Assembly, Cold	009754-25	009754-25QT	002709-40
Spindle Assembly with Teflon Seat Washer, Hot (use with Wrist-Action)	009423-40	009423-40QT	_
Spindle Assembly with Teflon Seat Washer, Cold (use with Wrist-Action)	009424-40	009424-40QT	_

#### B-1100 Series Wall-Mount Faucets

B-1100 SERIES Faucets, Wall-Mount	Spindle Assembly	Quarter-Turn Spindle	Spindle with Lever Handle, Index and Screw
Spindle Assembly, Hot	009754-25	009754-25QT	009286-40
Spindle Assembly, Cold	009753-25	009753-25QT	009287-40

# Easy Install Concealed Widespread Faucets





EASYINSTALL Concealed Widespread Faucets	Cartridge	Cartridge with Quarter-Turn
ETERNA with EasyInstall Bonnet and Teflon Seat Washer, Hot	016753-40	016926-40
ETERNA with EasyInstall Bonnet and Teflon Seat Washer, Cold	016752-40	016925-40
CERAMA with EasyInstall Bonnet, Quarter-Turn, Hot	_	016767-25
CERAMA with EasyInstall Bonnet, Quarter-Turn, Cold	_	016768-25

#### Concealed Widespread Faucets (Non-EasyInstall)

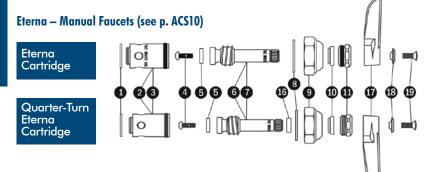


Concealed Widespread Faucets	Cartridge	Cartridge with Quarter- Turn	Cartridge with Check Valve, Lever Handle and Screw
ETERNA with Escutcheon Bonnet and Teflon Seat Washer, Hot	006478-40	-	-
ETERNA with Escutcheon Bonnet and Teflon Seat Washer, Cold	006477-40	ı	-
CERAMA with Escutcheon Bonnet, Quarter-Turn, Hot	_	011616-25	011618-25
CERAMA with Escutcheon Bonnet, Quarter-Turn, Cold	_	011617-25	011619-25

## Tas

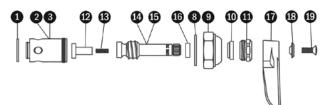
#### Eterna Cartridges (see Parts Chart, p. ACS13)

Our longstanding **Eterna Cartridges** are the standard on many T&S pre-rinse units, faucets and fittings. Our **Quarter-Turn Eterna spindle assemblies** are designed for water conservation and are included in many new T&S foodservice and plumbing models. Look for the "-QT" suffix on our model numbers.



#### Eterna — Pre-Rinse Units and Faucets where the outlet flow can be shut off (see p. ACS10)





#### Eterna - Manual Faucets:

With Lever	Handle,	<b>Index and Screw</b>
Eterna	Hot	002714-40
	Cold	002713-40

No Handle

Eterna Hot 005960-40 Cold 005959-40

Teflon Seat Washer (for Wrist-Action Handle)

Eterna Hot 006010-40 Cold 006009-40

**Quarter-Turn Cartridge** 

Eterna Hot 005960-40QT Cold 005959-40QT

Quarter-Turn Cartridge with Teflon Seat Washer (for Wrist-Action Handle)

Eterna Hot 006010-40QT Cold 006009-40QT

#### Eterna — Pre-Rinse Units with Quarter-Turn:

With Lever	Handle, I	ndex and Screw
Eterna	Hot	002712-40
	Cold	002711-40
No Handle		
Eterna	Hot	012443-40
	Cold	012442-40

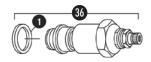
(Eterna Cartridges, cont. on opposite page)

#### Cerama Cartridges (see Parts Charts, right)

Our **Cerama Cartridges** are designed for water conservation and are included in many new T&S foodservice and plumbing models. They are backed by a lifetime guarantee. Look for the "-CR" suffix on our model numbers. The **T&S Cerama Cartridge** is the only ceramic cartridge (U.S. Patent #5,996,614) that comes with an optional integral check valve that is critical for stopping cross flow in applications. All T&S Cerama cartridges are quarter-turn cartridges.

#### Cerama – Manual Faucets (see p. ACS11)





**Escutcheon Bonnet (Non-EasyInstall)** 

**Cerama Cartridge with** 

Cerama Cartridge with

Cerama Cartridge with Escutcheon Bonnet (EasyInstall)

Cerama Cartridge with or without Bonnet



Cerama Cartridge with Bonnet, Lever Handle, Index and Screw



Cerama Cartridge without Bonnet

#### Cerama — Pre-Rinse Units and Faucets where the outlet flow can be shut off (see p. ACS10)

Cerama Cartridge with Integral Check Valve and Bonnet



Cerama Cartridge with Integral Check Valve and Bonnet, Lever Handle, Index and Screw



#### Cerama - Concealed Widespread Faucets:

Cerama Cartridge, Quarter-Turn with Escutcheon Bonnet — No Handle (Non-EasyInstall)

36 Hot 011616-25 Cold 011617-25

Cerama Cartridge with Check Valve
Escutcheon Bonnet, Lever Handle, Index and
Screw (Non-EasyInstall)

36 Hot 011618-25 Cold 011619-25

Cerama Cartridge with EasyInstall Bonnet Assembly — No Handle (EasyInstall)

42 Hot 016767-25 Cold 016768-25

#### Cerama - Manual Faucets:

Hot

Cerama Cartridge with Bonnet - No Handle 37 Hot 011278-25

Hot 011278-25 Cold 011279-25

Cerama Cartridge with Bonnet, Lever Handle, Index and Screw

012444-25

Cold 012445-25
Cerama Cartridge without Bonnet

39 Hot 011276-45
Cold 011277-45
Hot with Check Valve 011311-25
Cold with Check Valve 011312-25

#### Cerama — Pre-Rinse Units with Quarter-Turn:

## Cerama Cartridge with Integral Check Valve and Bonnet

37 Hot with Check Valve 012394-25 Cold with Check Valve 012395-25

Cerama Cartridge with Integral Check Valve and Bonnet, Lever Handle, Index and Screw 38 Hot with Check Valve 012446-25

Hot with Check Valve 012446-25 Cold with Check Valve 012447-25

#### Eterna — Concealed Widespread Faucets:

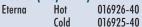
# Easy Install Eterna Cartridge with EasyInstall Bonnet and Teflon Seat Washer (EasyInstall)

Eterna Hot 016753-40 Cold 016752-40



#### Easy Install

Eterna Cartridge, Quarter-Turn with EasyInstall Bonnet and Teflon Seat Washer (EasyInstall)





Eterna Hot 006478-40 Cold 006477-40





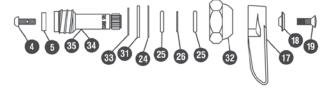
#### For Eterna, B-1100 Series and Big-Flo Spindle Assemblies

1	001022-45	Bottom Gasket	19	000922-45	Lever Handle Screw
2	000788-20	Removable Insert (Hot) 64L	20	002721-45	'O'-Ring
3	000789-20	Removable Insert (Cold) 66L	21	000685-20	Removable Insert
4	000933-45	Seat Screw	22	000976-45	Brass Washer
5	001092-45	Seat Washer	23	001042-45	Rubber Washer
6	000811-25	Spindle (Hot) 18L	24	002726-45	Stainless Steel Washer
7	000812-25	Spindle (Cold) 67L	25	001075-45	'O'-Ring
8	002601-45	Top Gasket	26	009752-45	Washer
9	009744-45	Bonnet, Eterna	27	009750-25	Bonnet
10	001098-45	Bonnet Seal Packing	28	000933-45	Seat Screw
11	000718-25	Packing Nut	29	001088-45	Seat Washer
12	003164-45	Spring Check Seat	30	000794-25	Spindle (Hot and Cold)
13	001479-45	Spring	31	001047-45	Rubber Washer
14	001907-25	Spindle (Hot) 264L	32	009749-25	Bonnet (B-1100)
15	001908-25	Spindle (Cold) 263L	33	000986-45	Brass Washer
16	001466-20	Quarter-Turn Sleeve, Eterna	34	000801-25	Spindle (Cold)
17	001638-45	Lever Handle, Blank	35	000800-25	Spindle (Hot)
	001637-45	Lever Handle, Hot	40	001136-45	Teflon Seat Washer
	001636-45	Lever Handle, Cold	41	018163-20	Quarter-Turn Sleeve (B-1100)
18	001661-45	Index, Red, Hot			
	001660-45	Index, Blue, Cold			

# B-1100 Series Cartridges (see p. ACS11), Big-Flo Cartridge Assemblies and Push Button and Wrist-Action Metering Cartridges

**Parts Chart** 

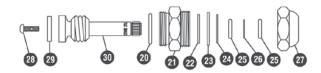




B-1100 Quarter-Turn Assembly

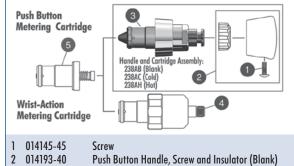


Big-Flo Assembly



#### 238A Push Button and Wrist-Action Metering Cartridges

See p. G7, Parts Kits section for metering cartridge repair kit (B-238RK)



# 1 014145-45 Screw 2 014193-40 Push Button Handle, Screw and Insulator (Blank) 014194-40 Push Button Handle, Screw and Insulator (Hot) 014195-40 Push Button Handle, Screw and Insulator (Cold) 3 238A Push Button Metering Cartridge 4 012449-40 Wrist-Action Metering Cartridge 5 014152-40 Common Metering Barrel Assembly

#### **B-1100 Series Faucets / Deck-Mount:**

# B-1100 Spindle Assembly – No Handle Hot (RTC) 009753-25 Cold (LTC) 009754-25

B-1100 Spindle Assembly, Quarter-Turn – No Handle

Hot (RTC) 009753-25QT Cold (LTC) 009754-25QT

B-1100 Spindle Assembly with Lever Handle, Index and Screw

Hot (RTC) 002710-40 Cold (LTC) 002709-40

B-1100 Spindle Assembly with Teflon Seat Washer (for Wrist-Action Handle)

Hot, No Handle (RTC) 009423-40 Cold, No Handle (LTC) 009424-40

B-1100 Spindle Assembly, Quarter-Turn with Teflon Seat Washer (for Wrist-Action Handle)

Hot, No Handle (RTC) 009423-40QT Cold, No Handle (LTC) 009424-40QT

#### **B-1100 Series Faucets / Wall-Mount:**

#### B-1100 Spindle Assembly — No Handle Hot (LTC) 009754-25

Cold (RTC) 009753-25
B-1100 Spindle Assembly, Quarter-Turn —

No Handle

Hot (LTC) 009754-25QT
Cold (RTC) 009753-25QT

B-1100 Spindle Assembly with Lever Handle, Index and Screw Hot (LTC) 009286-40

#### **Big-Flo Faucets:**

Cold (RTC)

#### **Cartridges**

Cold or Hot Side for use
with 4-Arm Handle (LTC) 006482-40
Cold Side for use with
Lever Handle (RTC) 006481-40

009287-40

#### **Handles**

ACS14

Accessories

#### B-WH4 **Wrist-Action Handle**

- Chrome plated metal wrist-action handle, 4" (102 mm) long
- Cold index: 001686-45
- Hot index: 001194-45
- Screw only: 000925-45
- Available with anti-microbial coating (-AM models)

Model	Description
B-WH4	4" (102 mm) Wrist-action handle only
B-WH4H	4" Wrist-action handle, hot index button and screw
B-WH4C	4" Wrist-action handle, cold index button and screw
B-WH6	6" (152 mm) Wrist-action handle only
B-WH6H	6" Wrist-action handle, hot index button and screw
B-WH6C	6" Wrist-action handle, cold index button and screw
B-WH4H-	AM 4" Wrist-action handle with red (hot) index and screw with anti-microbial coating
B-WH4C-	AM 4" Wrist-action handle with blue (cold) index and screw with anti-microbial coating
B-WH4-A	
	screw with anti-microbial coating

#### **Pivot Action Metering Handle**

- Chrome plated metal handle for pivot action metering faucets
- · Available with antimicrobial coating (-AM models)



Model	Description
PA-H	Hot pivot action handle with retaining nut and spanner bit
PA-C	Cold pivot action handle with retaining nut and spanner bit
PA-B	Blank pivot action handle with retaining nut and spanner bit
PA-B-AM Blank pivot action handle with retaining nut and spanner	
	bit with anti-microbial coating

#### **Club Handle**

• Chrome plated metal decorative handle



Model	Description
017229-45	Club handle only
009332-41	Club handle with hot index and screw
009331-41	Club handle with cold index and screw
017181-41	Club handle with blank index and screw
000922-45	Handle screw only

## Antimicrobial Handles Available

#### 002521-45 **Four-Arm Handle**

- Chrome plated metal four-arm handle
- Available with antimicrobial coating (-AM models)
- Order index for hot or cold separately
  - Cold handle index (blue): 001660-45
  - Hot handle index (red): 001661-45
- Handle screw only (000922-45)



Model	Description
175FC	Four-arm handle with cold index and screw
175FH	Four-arm handle with hot index and screw
002521	-45 Four-arm handle only
002521	-45AM Four-arm handle with anti-microbial coating
002521	-45K Four-arm handle kit (handle, indexes and screw)
002521	-45K-VR Four-arm handle kit (handle, indexes and
	screw), vandal-resistant

#### **Push Button Handle**

- Chrome plated metal handle for push button metering faucets
- Available with anti-microbial coating (-AM model)



Model	Description
014194-40	Hot, with vandal resistant screw and spanner bit
014195-40	Cold, with vandal resistant screw and spanner bit
014193-40	Blank, with vandal resistant screw and spanner bit
014193-40AM	Blank, with vandal resistant screw and spanner bit with anti-microbial coating

#### 3-Wing **Dome Handle**

- Polished chrome plated metal handle
- · Conceals stem and bonnet
- Fits most T&S faucets



Model	Description
180F	Cold 3-wing dome handle with index and screw
181F	Hot 3-wing dome handle with index and screw
001783-	40 Hot 3-wing dome handle only
001784-	40 Cold 3-wing dome handle only
000925	-45 Handle screw only

## Antimicrobial Handles Available

#### Alpine Handle

- Clear Lexan handle
- Fits most T&S faucets
- Order chrome plated index buttons separately (see chart, right)



**Chrome Index** only: **001327-40** Cold 001328-40 Hot 001326-40 Blank

Model	Description
076F	Alpine handle only
076F-C	Alpine handle with cold chrome plated index and screw
076F-H	Alpine handle with hot chrome plated index and screw
000925	-45 Handle screw only

#### Lever **Handle**

- Chrome plated metal handle
- Fits most T&S faucets
- Available with antimicrobial coating (see -AM models)



Model	Description
001636-45	Lever handle with blue (cold) index and screw
001637-45	Lever handle with red (hot) index and screw
001638-45	Lever handle with no Index
010027-40	Chrome plated solid brass lever handle
001636-45AI	M Lever handle with blue (cold) index and screw, with anti-microbial coating
001637-45AI	N Lever handle with red (hot) index and screw, with anti-microbial coating
001638-45A	M Lever handle only with anti-microbial coating

#### **Vandal-Resistant Keys**

#### **B-0199-VR-KEY Pro Key**

- Pro key for vandal-resistant aerators
- Two-sided for female or male VR aerators



#### 015425-45 **Vandal-Resistant Key**

 Dual vandal-resistant aerator key for removing VR aerators



#### **Soap Dishes**

#### **B-SD Soap Dish**

- Chrome plated
- Must be used with soap dish nozzle or B-SDA soap dish assembly



#### **B-SDA Soap Dish Assembly**

- Chrome plated
- Clamps onto 3/8" NPT goosenecks or risers



#### **B-SDA-WM Soap Dish Assembly**

- Chrome plated
- Wall-mount soap dish includes two mounting screws



ACS15

#### Easy Install **EasyInstall Accessory Tees**

Do you need an additional water source from your T&S EasyInstall pre-rinse unit or mixing faucet? Finding it hard to install? The T&S solution – a B-TEE-RGD, designed for use with T&S pre-rinses, or a B-TEE-EZK, designed for use with T&S mixing faucets.

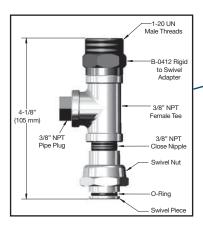
#### **Tee Application**

Tees on pre-rinse units and mixing faucets are used to supply water to accessory applications such as chemical injectors (for cleaning jobs, etc.) They are not intended to introduce chemicals into the T&S pre-rinse unit or mixing faucet. A backflow prevention device should be installed if it is not included with the accessory device.

#### **B-TEE-EZK Swivel Tee Assembly**

- EasyInstall swivel tee assembly
- Designed for use with T&S mixing faucets with swivel outlets
- Chrome plated





Easy Install



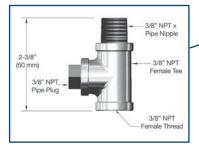
with B-TEE-EZK Swivel **Tee Assembly** 

#### **B-TEE-RGD Rigid Tee Assembly**

- EasyInstall rigid tee assembly
- Designed for use with T&S pre-rinses
- Chrome plated

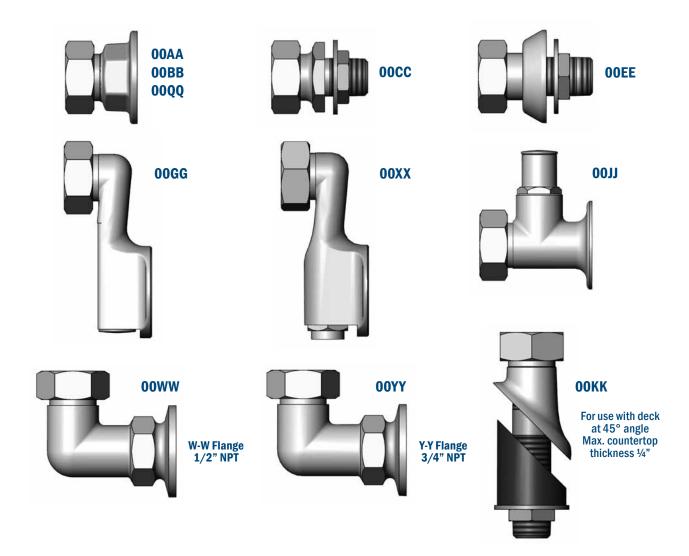


# Easy Install





#### **Union Coupling Inlets**



#### **Union Coupling Inlets**

The following inlets are polished chrome plated and used on mixing faucets to meet varying conditions of installation. All are interchangeable and are used in lieu of the "OOAA" inlets which are ordinarily furnished on faucets using union coupling inlets.

Inlets with an asterisk (\*) are available in rough chrome by adding -RGH suffix (ex. 00JJ-RGH).

To order, add suffix letter to faucet model number. For example: "B-0230-CC" Sink mixing faucet with 1/2" NPT male inlet, 1" (25 mm) long.

00AA 1/2" NPT female eccentric flanged inlet **00BB** 3/4" NPT female eccentric flanged inlet **00CC** 1/2" NPT male inlet, 1" (25 mm) long 1/2" NPT male inlet with adjustable flange, 1" (25 mm) long 00EE 00GG\* 1/2" NPT female flanged adjustable arm inlet

00XX\* 1/2" NPT female flanged adjustable arm inlet with screwdriver stop

00JJ\* 1/2" NPT female inlet with loose key stop 00WW 1/2" NPT female flange 90° inlet **00YY** 3/4" NPT female flange 90° inlet

1/2'' NPT male inlet for use on  $45^{\circ}$  decks. Inlet is at  $45^{\circ}$  angle **00KK** 

to mounting face

3/8" NPT female eccentric flanged inlet **00QQ** 



#### **Inlet Extensions**

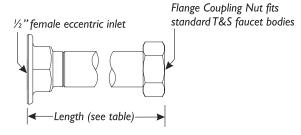
All inlet extensions are:

• Polished chrome plated

#### B-0440, B-0441, B-0442, B-0443

#### B-0440, B-0441, B-0442 and B-0443

- Used on the inlets of either wall- or deck-mounted union coupling style mixing faucets to extend inlets
- OOAA 1-1/4" (32 mm) inlet standard on typical wall-mounted faucets. Ex.: B-0230



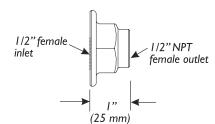
MODEL	INLET	OUTLET	LENGTH	NOTES
B-0440	1/2" NPT Female Eccentric	Flange Coupling Nut	3" (76 mm)	Adds 1-3/4" (44 mm) length to standard 00AA inlet
B-0441	1/2" NPT Female Eccentric	Flange Coupling Nut	4" (102 mm)	Adds 2-3/4" (70 mm) length to standard 00AA inlet
B-0442	1/2" NPT Female Eccentric	Flange Coupling Nut	5-3/4" (146 mm)	Adds 4-1/2" (114 mm) length to standard 00AA inlet
B-0443	B-0443 1/2" NPT Female Eccentric Flange Coupling Nut 6-3/4" (171 mm) Adds 5-1/2" (140 mm) length to stand		Adds 5-1/2" (140 mm) length to standard 00AA inlet	
B-0445	1/2" NPT Female	1/2" NPT Female	1" (25 mm)	Used to extend faucets with 1/2" NPT male inlets
B-0446	1/2" NPT Female	1/2" NPT Female	2-3/4" (70 mm)	Used to extend faucets with 1/2" NPT male inlets
B-0447	1/2" NPT Female	1/2" NPT Female	3-3/4" (95 mm)	Used to extend faucets with 1/2" NPT male inlets
B-0448	1/2" NPT Female	1/2" NPT Female	5-1/2" (140 mm)	Used to extend faucets with 1/2" NPT male inlets
B-0449	1/2" NPT Female	1/2" NPT Female	6-1/2" (165 mm)	Used to extend faucets with 1/2" NPT male inlets

#### B-0445, B-0446, B-0447, B-0448 and B-0449

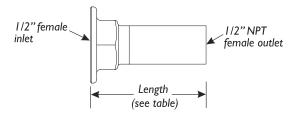
• These inlet extensions are used to extend faucets with 1/2" NPT male inlets.

B-0445

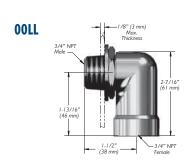
Ex.: B-0704 faucet with B-0447 inlet extension

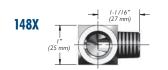


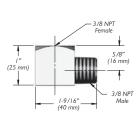
#### B-0446, B-0447, B-0448, B-0449



#### **Elbow and Tees**







#### **Elbows**

Model No. **Description** 148X 3/8" Street Elbow 001355-40 3/8" Cast Elbow

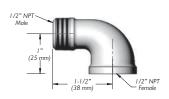
006895-20 1/2" Short Elbow, plain brass

150X 1/2" Street Elbow 001357-40 1/2" Cast Elbow

3/4" Short Elbow, plain brass **00LL** 

3/4" Cast Elbow 001720-40

#### 150X



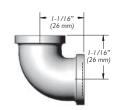
#### 001355-40





#### 001357-40



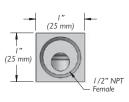


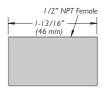
#### 001720-40





#### 006895-20



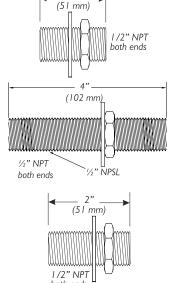


#### Supply Nipple Kits Includes Lock Nut and Washer

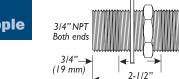
#### B-0423 1/2" Supply Nipple

• 1/2" NPT x 1-1/4" long

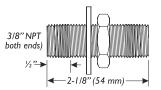
B-0424 1/2" Supply Nipple



B-0427 34" Supply Nipple

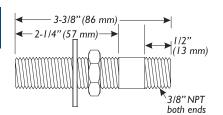


**B-0428** 3/8" Supply Nipple



(64 mm)

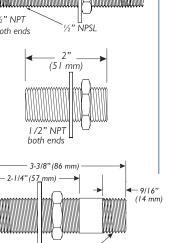
B-0429 3/8" Supply Nipple



#### B-0425 1/2" Supply Nipple

B-0425-M Master Box (2)

**B-0426** 1/2" Supply Nipple



1/2" NPT both ends

ACS19

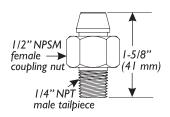
## Tas

#### **Adapters, Inlet and Supply Connectors**

#### ACS20

Adapter Chart				
Dimensio	Dimensions Model			
3/8 NPSM	male	x 3/4-11 1/2 G.H.	male	B-GH
1/2 NPT	male	x 3/8 NPT	female (Face bushing)	002337-45
1/2 NPT	male	x 3/8 NPT	female (Hex bushing)	001359-40
3/4-14	male	x 1/4 NPT	male (Fisher adapter)	002584-25 (172A)
3/4-14	male	x 1/4 NPT	female	000544-25 (52A)
3/4-14	male	x 3/8 NPT	male (Chicago adapter)	000545-25 (53A)
3/4-14	male	x 3/8 NPE	female (Hex stock)	000546-25 (54A)
3/4 G.H.	female	x 1/2 NPT	male	003105-40
3/4-14	male	x 5/8-27	female	000552-25
3/4-14	male	x 3/4 NPT	male	000549-25 (57A)
3/4-14	male	x 3/4 NPT	female	000550-25 (58A)
3/4-14	male	x 3/4-14	male	001806-25 (98A)
55/64-27	male	x 1/8 NPT	female	001624-25
55/64-27	male	x 5/8-27	female	000554-25
55/64-27	female	x 3/4-11 1/2 G.H.	male	B-GFE

#### 150A Union Coupling Tailpiece



 1/4" NPT tailpiece with nut fits 1/2" NPT and NPS faucet shanks with 30" tapered inlet

#### **Risers and Connectors**

#### 3/8" Riser Lengths

3/8" NPT male both ends



Model No.	Length	Model No.	Length
000357-40	2" (51 mm)	000369-40	18" (457 mm)
000358-40	3" (76 mm)	000372-40	24" (610 mm)
000361-40	5" (127 mm)	000376-40	32" (813 mm)
000363-40	7" (178 mm)	Contact factory	for sizes not shown.

#### **Couplings**

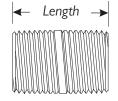
- Used to connect two (2) pipes
- Same thread size on both ends
- Chrome plated brass



Model No.	Dimension	Length
001769-40	3/8" NPT	1-1/8" (29 mm)
001684-25	1/2" NPT	1-5/16" (33 mm)
004710-25	3/4" NPT	1-7/16" (37 mm)

#### **Close Nipples**

- Same male thread size on both ends
- Close nipple will be completely concealed



Model No.	Dimension	Length
002535-25	3/8" NPT	1" (25 mm)
002534-25	1/2" NPT	1-1/8" (29 mm)
004741-25	3/4" NPT	1-3/8" (35 mm)

#### B-CVV1-2 Check Valve

- Rough brass finish
- Designed for water use only



**B-CVH1-2** for horizontal or vertical use, 1/2" NPT female **B-CVH3-4** for horizontal or vertical use, 3/4" NPT female **B-CVH3-8** for horizontal or vertical use, 3/8" NPT female

#### **Conversion Adapters**

#### B-0412 Adapter

- Rigid to swivel adapter
- Use for field conversion where a faucet with 3/8" NPT outlet is installed and a swivel gooseneck or nozzle is required



**B-0412-M** Master Box (2)

#### B-0413 Adapter

- Swivel to rigid adapter
- Used for field conversion where a faucet with swivel outlet is installed and a 3/8" rigid gooseneck is required

**B-0413-M** Master Box (2) **B-0413-M50** Master Box (50)

#### B-0414 Adapter

- Gooseneck coupling
- Converts 3/8" rigid gooseneck to swivel on a 3/8" NPT female outlet faucet



**B-0414-M** Master Box (2)

#### EZ-SWIVEL-CZ Swivel Adapter

 Swivel adapter for Chicago and Zurn faucets



# **EZ-SWIVEL-FM Swivel Adapter**

Swivel adapter for Fisher faucets



#### B-0411-F<u>XX</u> Swivel to Swivel Adapter

- Swivel to swivel adapter with flow control tower
- Includes washer
- Refer to Flow Tower Chart below to specify flow desired and add numbers to model suffix
- Use for field conversion where a faucet with a standard swivel outlet requires a swivel flow control outlet
- For use on lavatory faucets to conserve water





B-0411-F <u>XX</u> Flow Tower Chart			
Model No.	Flow (GPM)	Laser Marking	<b>Previous Color</b>
B-0411- <b>F03</b>	0.25	025	No Dot
B-0411- <b>F05</b>	0.40	040	Brown
B-0411- <b>F07</b>	0.70	070	Green
B-0411- <b>F10</b>	0.90	090	Gray
B-0411- <b>F12</b>	1.20	120	Orange
B-0411- <b>F15</b>	1.40	140	Purple
B-0411- <b>F16</b>	1.60	160	Red
B-0411- <b>F20</b>	2.00	200	Yellow

#### B-0412-F<u>XX</u> Low Flow Adapter

- Rigid to swivel adapter with flow control tower
- Refer to Flow Tower Chart below to specify flow desired and add numbers to model suffix
- Use for field conversion where a faucet with 3/8" NPT outlet is installed and a swivel gooseneck or nozzle is required
- For use on layatory faucets to conserve water



B-0412-F <u>XX</u> Flow Tower Chart				
Model No. Flow (GPM) Laser Marking Previous Color				
B-0412- <b>F05</b>	0.40	040	Brown	
B-0412- <b>F12</b>	1.20	120	Orange	
B-0412- <b>F15</b>	1.40	140	Purple	
B-0412- <b>F20</b>	2.00	200	Yellow	

#### **Inlet Adapters**

#### B-0466 Wall Mount Faucet Adapter For T&S Faucet To Chicago/ Zurn Inlets

- Parts included:

   (2) Faucet adapters, includes (1) santoprene seal and (1) nitirile or EPDM seal per assembly
- 1-3/8" (35 mm) swivel hex nut with internal threads to fit T&S body
- Threads fit Chicago and Zurn inlet flanges



#### B-0467 Wall Mount Faucet Adapter For T&S Faucet To Fisher Inlets

- Parts included:
  - (2) Faucet adapters, includes (2) santoprene seals per assembly (one each end)
- 1-3/8" (35 mm) swivel hex nut with internal threads to fit T&S body
- Threads fit Fisher inlet flanges



Stainless steel, PVC and vinyl replacement hoses. Three-year warranty on all -H (stainless steel) hoses.

#### B-0044-H Flexible Stainless Steel Hose

- Flexible stainless steel hose and grip handle
- Overall length = 44" (1118 mm)
- Polyurethane inner tubina
- Supplied on most pre-rinse units with spring action gooseneck
- 5/16" hose I.D.



NEW!

NEW!

NEW!

**NEW!** 

#### **B-0044-H-SWV** Flexible Stainless Steel Hose with Pre-Rinse Swivel

#### **NEW MODEL!**

- Includes (018200-40) pre-rinse swivel for 360° rotation and grip handle
- Flexible stainless steel hose
- Overall length = 44-15/16'' (1141 mm)
- Polyurethane inner tubing
- 5/16" hose I.D.

Note: See p. A6-A8 for more information about the swivel

#### B-0044-R **PVC Hose**

- PVC hose with grip handle
- Overall length = 44'' (1118 mm)
- FDA approved
- Extremely durable
- Limited 2 year warranty
- 3/8" hose I.D.



#### B-0044-V9 **Pre-Rinse Hose with Backflow Preventer**

- Flexible stainless steel hose and grip handle
- Overall length = 44'' (1118 mm)
- Backflow preventer (B-0970-FE) for continuous pressure use
- 5/16" hose I.D.



#### 013E-36H Flexible Stainless Steel Hose

- Flexible stainless steel hose
- Overall length = 36" (914 mm)
- 1/4" hose I.D.



#### 013E- Hose Models (-H, -R and -V)

For 013E- HOSES/Suffix: H = 1/4'' I.D. R = 3/8'' I.D. V = 5/16'' I.D.

013E-36R 36" Reinforced PVC hose

013E-36H 36" Flex. stainless steel hose 013E-60H 60" Flexible stainless steel hose 013E-60V 60" Vinyl hose

013E-48H 48" Flex. stainless steel hose 013E-72H 72" Flexible stainless steel hose 013E-84H 84" Flexible stainless steel hose For B- HOSES/Suffix: R = 3/8'' I.D H = 5/16'' I.D. V = 5/16'' I.D.

Flexible Stainless Steel, PVC and Vinyl Hoses

B-0015-H 15" flexible stainless steel hose

B-0018-H 18" flexible stainless steel hose

B-0018-R 18" reinforced PVC hose

B-0020-H 20" flexible stainless steel hose

B-0020-H2A 20" flexible stainless steel hose less grip handle

B-0020-HM 20" flexible stainless steel hose Master Box (10)

B-0020-R 20" reinforced PVC hose

B-0023-H 23" flexible stainless steel hose

B-0024-H 24" flexible stainless steel hose

B-0024-H2A 24" flexible stainless steel hose less grip handle

B-0026-H 26" flexible stainless steel hose

B-0026-H2A 26" flexible stainless steel hose less grip handle

B-0026-HM 26" flexible stainless steel hose Master Box (10)

B-0028-H 28" flexible stainless steel hose

B-0028-H2A 28" flexible stainless steel hose less grip handle

B-0032-H 32" flexible stainless steel hose

B-0032-H2A 32" flexible stainless steel hose less grip handle

B-0036-H 36" flexible stainless steel hose

B-0036-H-SWV 36" flexible stainless steel hose and pre-rinse swivel

B-0040-H2A 40" flexible stainless steel hose, less grip handle

B-0042-H2A 42" flexible stainless steel hose less grip handle

B-0044-H 44" flexible stainless steel hose

B-0044-H-SWV 44" flexible stainless steel hose and pre-rinse swivel

B-0044-H2A 44" flexible stainless steel hose less grip handle

B-0044-H2A-SWV 44" flexible stainless steel hose less grip handle with

B-0044-H2AML 44" flexible stainless steel hose Master Box (25) less grip handle

B-0044-H2AMS 44" flexible stainless steel hose Master Box (10) less arip handle

B-0044-HF 44" flexible stainless steel hose with 1/4" NPT male Fisher adapter

B-0044-HML 44" flexible stainless steel hose Master Box (25)

B-0044-HMS 44" flexible stainless steel hose Master Box (10)

B-0044-R 44" reinforced PVC hose

B-0044-R2A 44" reinforced PVC hose less grip handle

B-0044-RML 44" reinforced PVC hose Master Box (25)

B-0044-RMS 44" reinforced PVC hose Master Box (10)

B-0044-RV9 44" reinforced PVC hose with B-9670-FE Vacuum breaker

B-0044-V 44" vinyl hose

B-0044-V9 44" flexible stainless steel hose with vacuum breaker

B-0048-H 48" flexible stainless steel hose

B-0050-H 50" flexible stainless steel hose

B-0050-H2A 50" flexible stainless steel hose less grip handle

B-0054-H 54" flexible stainless steel hose

B-0054-H2A 54" flexible stainless steel hose less grip handle

B-0054-V 54" vinyl hose

B-0056-H 56" flexible stainless steel hose

B-0056-H2A 56" flexible stainless steel hose less grip handle

**B-0056-HMS** 56" flexible stainless steel hose Master Box (10)

B-0060-H 60" flexible stainless steel hose

B-0066-H2A 66" flexible stainless steel hose less grip handle

B-0068-H 68" flexible stainless steel hose

B-0068-H-SWV 68" flexible stainless steel hose and pre-rinse swivel

B-0068-H2A 68" flexible stainless steel hose less grip handle

B-0068-HML 68" flexible stainless steel hose Master Box (25)

B-0068-HMS 68" flexible stainless steel hose Master Box (10)

B-0068-R 68" reinforced PVC hose

B-0072-H 72" flexible stainless steel hose

B-0080-H 80" flexible stainless steel hose

B-0084-H 84" flexible stainless steel hose

B-0084-V 84" vinyl hose

B-0096-H 96" flexible stainless steel hose

B-0104-H 104" flexible stainless steel hose

B-0108-HOSE 108" flexible stainless steel hose

B-0144-H 144" flexible stainless steel hose

### Definitions and Use T&S Water Conservation Products





#### **Aerator Outlets**

Faucet aerators introduce air into the water stream to produce a larger white stream soft to the touch and non-splashing. (See page 7).



#### **Laminar Flow Outlets**

Laminar flow (laminar stream) straighteners produce a non-aerated water stream. Ideal for high flow applications or healthcare facilities (no mix water/air). Laminar spout-end devices deliver a crystal clear and nonsplashing stream. (See page 8).



#### **Non-Aerated Spray Outlets**

When the flow rate is too low to produce an aerated or laminar stream, a spray device is used to produce a miniature shower pattern to provide full coverage of the hands during washing. Sprays are recommended for use in public lavatories. (See page 8).

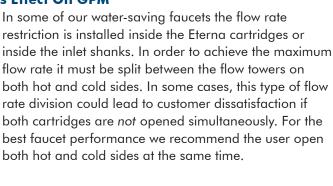


#### **Plain End Outlets with Flow Towers**

Plain-end nozzles are unthreaded at the outlet area to prevent the usage of aerators or other screw-on devices, so the maximum flow rate permissible by code or job specification must be controlled by other means. T&S Brass recommends that one flow tower (available in various flow rates) be installed in the tempered area of the faucet (after the cartridges, but before the unthreaded outlet area) to achieve maximum customer satisfaction.



#### **Multiple Flow Tower Installation and** Its Effect On GPM





Eterna


















#### **G-11** General Product Catalog

#### **Table of Contents**



A35-37

A38-41

A42

A43

A44

A45

A48

A49

A49-50

A46-47

#### Pre-Rinse Units -**INTRODUCTORY PAGES** Spray Valve, Faucet and **NEW FEATURED T&S PRODUCTS** Hose Assemblies ...... A35-42 • EasyInstall Pre-Rinse Units/Features **A3** • Spray Valve Assemblies • B-0107-J Spray Valve with 1.07 GPM **A4** • Spray Valve Assemblies and Faucets • T&S Mini Pre-Rinse Units **A5** • Quick-Connect Spray Assemblies • T&S Swivel for Pre-Rinse Units and Spray Spray Valves and Pre-Rinse Assemblies (018200-40) A6-8 Accessories ...... A43-50 T&S Swivel for PRUs and Spray • B-0108 Series Ergonomic Spray Valve Assemblies ...... A6-8; 50 Add-On Faucets for Pre-Rinses **NEW!** T&S Pre-Rinse Swivel (018200-40) • Spray Valve Comparison Chart • Standard and Low Flow Spray Valves B-0113 Single Hole Deck-Mount • Water and Energy Conservation Base Faucet Pre-Rinse Units ...... A9-13 Spray Valve Comparison Chart • B-0113-08 and B-0113-08C Series Α9 • Pre-Rinse Swivel (018200-40) • B-0113-C, B-0113-BC and B-0107-J A10-11 • Wall Brackets, Outlets, Supply Nipples, B-0113-B Series A12-13 Wall Hooks, Vacuum Breakers, Add-On Accessory Tees (Swivel and Rigid) B-0123 8" Deck-Mount Base Faucet Pre-Rinse Units ...... A14-16 • B-0123-08 and B-0123-08C Series A14 • B-0123-C, B-0123-BC and B-0107-J A15 • B-0123-B Series A16 T&S Accessory Tee for Faucets and **NEW TEES!** EasyInstall Accessories • B-TEE-RGD and B-TEE-EZK B-0133 8" Wall-Mount Base Faucet Pre-Rinse Units ...... A18-23 • B-0133-08 and B-0133-08C Series A18-19 • B-0133-B Series A20-21 • B-0133-C and B-0107-J A22 B-2278 Series A23 Other T&S Pre-Rinse Units ...... A24-34 • Overhead Spring Pre-Rinse Units A24-26 • Overhead Swivel Arm Pre-Rinse Units A27-29 • Roto-Flex Design Pre-Rinse Units A30-31 Overhead Swivel with Balancing Unit A32-33 • Big Flo Pre-Rinse Units A34

A comprehensive Index By Model or Part Number and Page can be found in the G-11 General Product Catalog Master Index section (IN).

Please visit www.tsbrass.com for a complete product listing.

# The Superior Features of a T&S Easy Install Pre-Rinse Unit





#### **CARTRIDGES**

- Interchangeable
- Self-contained and easily replaced
- Ceramic or compression



#### **EASYINSTALL**

- Patented design
- Unique "pop-and-lock" riser connection that takes as little as 10 minutes to install



#### **FAUCETS**

- Forged one-piece base faucet eliminates leaks
- Copper layer over casting makes smoother surface
- Thick chrome plating



#### **HOSES**

- Stainless steel hoses with double interlocked covers for long life
- Sealed ends prevent tears
- Vinyl nylon reinforced inner hose tested to 1200 PSI



#### **PACKAGING**

- Pre-assembled parts are ready for quick installation
- Fewer parts to misplace



#### **SPRING**

- Specially designed spring reinforced at the stress point where hose connects
- Protects and extends life of hose



#### **SPRAY VALVES**

- Significant water savings with low-flow rates
- Uncompromising performance
- Tested to over 1.5 million cycles



#### **WARRANTY**

 Long 3-year warranty on your T&S EasyInstall PRU

# Helping You Save Money.

## One Gallon at a Time.

The NEW B-0107-J Low Flow Spray Valve has CLEANING POWER!



**1.07 GPM** 

### Introducing the NEW B-0107-J with a 1.07 GPM Flow Rate!

We're proud to introduce a new low flow spray valve to the market – the T&S Brass B-0107-J – with a 1.07 GPM @ 60 PSI flow rate. The B-0107-J features significant water- and energy-savings while making pre-rinse tasks easier with its powerful cleaning capability. Tough baked-on foods will come off faster when using the B-0107-J.

#### **B-0107-J Features:**

- Its intensified power rinsing quickly gets rid of tough baked-on foods
- Consumes 33% less water than other EPAct 2005 compliant valves (at 1.6 GPM)
- Is AB1953 & ANSI/NSF Standard 61 compliant
- The same great T&S reliability and performance
- Is interchangeable with Fisher spray valves

### Other Water-Saving Spray Valves in the T&S B-0107-C Family





Model	Description
B-0107-C	0.65 GPM Ultimate Low-Flow Spray Valve
B-0107-C35	0.65 GPM Ultimate 35° Angled Low-Flow Spray Valve



EPAct 2006 Complian

The B-0107-C is endorsed by the Green Restaurant Association (GRA), which recommends environmentally responsible products for the restaurant industry.

See pages A47-A48 for more information about these low-flow spray valves

### T&S Brass Easy Install Low Profile Pre-Rinse Line



EPAct 2005

omplian

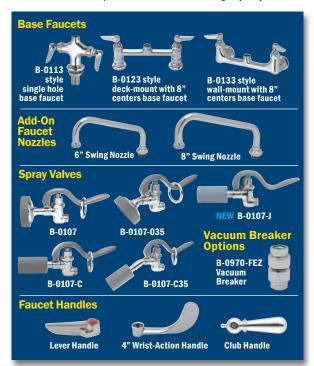
#### The T&S Pre-Rinse Solution For Limited Kitchen Space

In 1947, we introduced the market's first pre-rinse unit to the foodservice industry. Today, T&S pre-rinse units remain the industry standard.

Leading the way in innovation, we are pleased to introduce our new line of T&S Low Profile Pre-Rinse Units, designed to fit in compact kitchens and in tight spaces.

All T&S Low Profile Pre-Rinse Units include many of the same high-quality components and features you already find with our standard-sized pre-rinses:

- EasyInstall design saves significant installation time
- B-0109-01 6" Wall Bracket for added stability
- Add-On Faucet with Swing Nozzle for pot and kettle filling convenience
- EPAct2005 Compliant water-conserving Spray Valves



Low Profile Pre-Rinse Unit Configurator – **Build Your Own Low Profile Pre-Rinse!** 

- Wall or deck mount Base Faucet with your choice of Ceramic or **Compression Cartridges**
- Compact Spring with Flexible Stainless Steel Hose and Finger Hook

#### **Customizing Made Easy**

Options available for each T&S Low Profile Pre-Rinse Unit allow you to order exactly what you need.

#### **Examples of Available Models**

MPY-2DCN-06 - Single deck mount base faucet, add-on faucet, 6" swing nozzle, compact spring and hose, B-0107-C spray valve, 6" wall bracket, club handles

MPZ-2DCN-06 – Single deck mount base faucet, add-on faucet, 6" swing nozzle, compact spring and hose, B-0107 spray valve, 6" wall bracket, club handles

#### MPZ-2DLN-06 -

Single deck mount base faucet, add-on faucet, 6" swing nozzle, compact spring and hose, B-0107 spray valve, 6" wall bracket, lever handles

MPZ-8WCN-06 - 8" Wall mount mixing faucet, add-on faucet, 6" swing nozzle, compact spring and hose, B-0107 spray valve, 6" wall bracket, club handles

MPZ-8WLN-06 - 8" Wall mount mixing faucet, add-on faucet, 6" swing nozzle, compact spring and hose, B-0107 spray valve, 6" wall bracket, lever handles

#### **NEW KITS!**

MPZ-KIT-LN06 Retrofit kit with B-0107, Eterna cartridges, add-on faucet with 6" swing nozzle and lever handles

MPZ-KIT-LN06-CR Retrofit kit with B-0107, Cerama cartridges, add-on faucet with 6" swing nozzle and lever handles

### **MP**

#### **Spray Valve**

- **Z** B-0107
- Y B-0107-C
- X B-0107-035
- W B-0107-C35

# B-0107-J35 B-0107-J

#### **PRU Body**

- Single Hole Base (B-0113 style)
- **8D** Deck mount with 8" centers (B-0123 style)
- **8W** Wall Mount with 8" centers (B-0133 style)

#### **Handle**

- W 4" Wrist Action
- **c** Club (decorative)

#### **Add-On Faucet Nozzle**

- 6" Swing Nozzle
- 8" Swing Nozzle

#### **Vacuum Breaker**

- Atmospheric Vacuum Breaker (B-0970-FEZ)
- No Vacuum Breaker

**Ceramic Cartridge CR** Ceramic cartridge

Note: The compression cartridge is the default cartridge installed in the Low Profile Pre-Rinse Unit



# "What Could Make Our Customer's Work Easier – and Save Them Money?"

That is the question the T&S foodservice product engineering team considered before it ultimately designed the new T&S Pre-Rinse Swivel (018200-40).

In a busy commercial kitchen, we saw the need for a simple, ergonomic device, either already installed or easily retrofitted between a spray handle and hose. The T&S Pre-Rinse Swivel most importantly gives you full 360° rotation capability while using your spray assembly or pre-rinse unit spray valve.

The swivel's unimpeded and ultra smooth rotation significantly cuts down on strain and fatigue on the user's wrist and joints, not to mention extends the life of the pre-rinse hose and spray. And because you won't spend time wrestling with a pre-rinse spray valve that doesn't rotate the way you may want it to, it will ultimately save you time, water and money.

We also include the Pre-Rinse Swivel factory installed on select T&S Pre-Rinse Units and Spray Assemblies (see the chart below for available models). The T&S Pre-Rinse Swivel works seamlessly with all T&S, Equip and many other manufacturer's Spray Valve models.



You won't spend extra time wrestling with a pre-rinse spray valve that doesn't do what you want it to do.

Result: The T&S Pre-Rinse Swivel will ultimately save you time, water and money.



#### **T&S Pre-Rinse Swivel MODELS**

	Model	Description
	018200-40	Pre-Rinse Swivel Kit with (2) washers for retrofit installations
NEW	B-0036-H-SWV	36" flexible stainless steel hose and Swivel 3/4-14 Female
NEW	B-0044-H-SWV	44" flexible stainless steel hose and Swivel 3/4-14 Female
NEW	B-0044-H2A-SWV	44" flexible stainless steel hose, less handle and Swivel 3/4-14 Female
NEW	B-0068-H-SWV	68" flexible stainless steel hose and Swivel 3/4-14 Female
Debrased to	B-0100-SWV	B-0107 Spray Valve (1.42 GPM) with B-0044-H flexible stainless steel hose and Swivel ½" NPT Male
	B-0100-C-SWV	B-0107-C Low-Flow Spray Valve (0.65 GPM) with B-0044-H flexible stainless steel hose and Swivel 1/2" NPT Male
	B-0100-J-SWV	B-0107-J Low-Flow Spray Valve (1.07 GPM) with B-0044-H flexible stainless steel hose and Swivel 1/2" NPT Male
	B-0113-B-SWV Easy Install	EasyInstall Pre-Rinse Unit, single deck-mount faucet, B-0107 (1.42 GPM) spray valve with Swivel, wall bracket
NEW	B-0113-SWV Easy Install	EasyInstall Pre-Rinse Unit, single deck-mount faucet, B-0107 (1.42 GPM) spray valve with Swivel
	B-0133-B-SWV Easy Install	EasyInstall Pre-Rinse Unit, 8" C/C wall-mount mixing faucet, B-0107 (1.42 GPM) spray valve, Swivel, wall bracket
NEW	B-0133-SWV Easy Install	EasyInstall Pre-Rinse Unit, 8" C/C wall-mount mixing faucet, B-0107 (1.42 GPM) spray valve with Swivel
NEW	B-0133-B08-SWV  Market Spray Easy Install	EasyInstall Pre-Rinse Unit, 8" C/C wall-mount mixing faucet, B-0108 (1.48 GPM) JeTSpray valve with Swivel
	B-0133-CR-B8SWX  ***Jel Spray   Easy   Install	EasyInstall Pre-Rinse Unit, 8" C/C wall-mount mixing faucet, ceramic cartridges, B-0108 (1.48 GPM) spray valve with Swivel, wall bracket, club handles





**018200-40**Pre-Rinse

Swivel Kit

includes

(2) Washers



Available for retrofit installations



# The T&S Pre-Rinse Swivel FEATURES and BENEFITS

- Solid heavy-duty construction robust and long-lasting
- Stainless steel concealed ball bearings provide ultra-smooth operation and will not corrode
- Chrome plated brass finish is durable and will not rust
- Spray handle rotates easily and independently from the hose
- Its ergonomic design puts less stress on the wrist and joints
- Less torque being put on the hose and handle means it is less prone to breakage or failure
- It can be conveniently retrofitted on all T&S and Equip hose assemblies and many other major manufacturer's models
- Retrofit installation is easily done with a 5/16" hex wrench; the pre-rinse swivel (018200-40) includes two replacement washers (see p.A9 for installation)
- All T&S Pre-Rinse Swivel models fully comply with:
  - ASME A112.18.1 / CSA B125.1
  - ANSI/NSF 61 Section 9
  - California Health and Safety
     Code 116875 (AB1953-2006)
  - NSF/ANSI 372  $\sim$  Low Lead Content (0.25% Max)
  - EPAct 2005

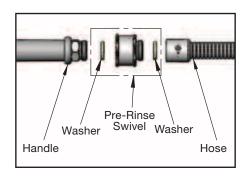




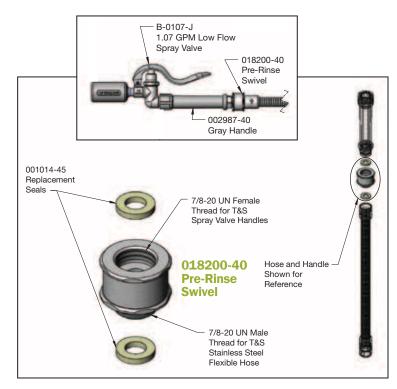
# ...to my Pre-Rinse Spray Valve?

# The T&S Pre-Rinse Swivel RETROFIT INSTALLATION

- Unscrew the gray handle from the hose (see exploded view, below) and place a new (001014-45) washer in the hose barrel.
- 2. Start threading the male end of the pre-rinse swivel to the hose. With a 5/16" hex L-key firmly tighten the pre-rinse swivel to the hose.
- 3. Place the second washer (001014-45) in the pre-rinse swivel end and screw the spray valve handle\* into the pre-rinse swivel using your hands or a <sup>7</sup>/<sub>8</sub>" wrench. Tighten firmly.
- \* If you have a B-0108 series spray valve, tighten the pre-rinse swivel directly to the spray valve.









### **T&S Brass and Bronze Works, Inc.** www.tsbrass.com

2 Saddleback Cove • P.O. Box 1088 • Travelers Rest, SC 29690 Phone 800.476.4103 • Fax 864.834.3518



### All B-0113 series pre-rinse units with the B-0108 (1.48 GPM) and B-0108-C (0.65 GPM) JeTSpray valves comply with EPAct 2005

- Ergonomic B-0108 and B-0108-C JeTSpray valves are powerful and efficient
- All pre-rinse units are equipped with integral spring checks to prevent cross flow

₩ JeTSpray

• Hot Eterna Cartridge – 002712-40 • Cold Eterna Cartridge – 002711-40



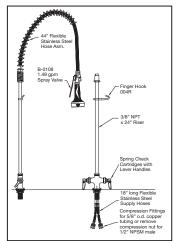
Easy Install

B-0108 JeTSpray Valve (1.48 GPM)

B-0108-C Low Flow JeTSpray Valve (0.65 GPM)

- Single hole deck-mount base faucet assembly (B-0113-LN) with EasyInstall™ "pop and lock" riser installation feature
- Overhead spring
- 18" (457 mm) flexible inlets with 5/8" compression / 1/2" NPSM male couplings
- 42-1/16" (1068 mm) high
- 14-7/16" (367 mm) overhang
- 14-1/8" (359 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0044-H2A 44" flexible stainless steel hose
- Finger hook (004R)

#### B-0113-08













B-0108 (1.48 GPM)

B-0108-C (0.65 GPM)

B-0113 BASE FAUCET PRU	CARTRIDGE w/SPRING CHECK	SPRAY VALVE / GPM	WALL Bracket	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
B-0113-08	Eterna	B-0108 (1.48 GPM)	N	N	_	42-1/16" (1068 mm)	See spec above
B-0113-08C	Eterna	B-0108-C (0.65 GPM)	N	N	_	42-1/16" (1068 mm)	
B-0113-B08	Eterna	B-0108 (1.48 GPM)	B-0109-01 (6")	N	_	42-1/16" (1068 mm)	See photo above
B-0113-B08C	Eterna	B-0108-C (0.65 GPM)	B-0109-01 (6")	N	_	42-1/16" (1068 mm)	
Add-On Faucet Model	s:						
B-0113-A06-08	Eterna	B-0108 (1.48 GPM)	N	Υ	6" (152 mm)	46-1/4" (1175 mm)	
B-0113-A06-B08	Eterna	B-0108 (1.48 GPM)	B-0109-01 (6")	Υ	6" (152 mm)	46-1/4" (1175 mm)	
B-0113-A06-B08C	Eterna	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	6" (152 mm)	46-1/4" (1175 mm)	
B-0113-A10-08C	Eterna	B-0108-C (0.65 GPM)	N	Υ	10" (254 mm)	46-1/4" (1175 mm)	
B-0113-A12-B08	Eterna	B-0108 (1.48 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46-1/4" (1175 mm)	
B-0113-A12-08C	Eterna	B-0108-C (0.65 GPM)	N	Υ	12" (305 mm)	46-1/4" (1175 mm)	
B-0113-A12-B08C	Eterna	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46-1/4" (1175 mm)	





#### All B-0113 series pre-rinse units with the B-0107-C (0.65 GPM) and B-0107-J (1.07 GPM) low flow spray valves comply with EPAct 2005

- · All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40

#### B-0113-C and B-0113-J **Pre-Rinse Units**



B-0107-C **Ultimate Low Flow Spray Valve (0.65 GPM)** B-0107-J **NEW! Low Flow Spray Valve (1.07 GPM)** 

- Single hole deck-mount base faucet assembly (B-0113-LN) with EasyInstall™ "pop and lock" riser installation feature
- Overhead spring
- 18" (457 mm) flexible inlets with 5/8" compression / 1/2" NPSM male couplings
- 42-1/16" (1068 mm) high
- 14" (356 mm) overhang
- 11-9/16" (290 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0044-H 44" flexible stainless steel hose
- Finger hook (004R)

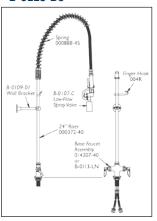






The B-0107-C is endorsed by the Green Restaurant Association (GRA), which recommends environmentally responsible products for the restaurant industry.

#### B-0113-BC













B-0113 BASE FAUCET PRU	CARTRIDGE	SPRAY VALVE / GPM	WALL Bracket	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
B-0113-BC	Eterna w/spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	42-1/16" (1068 mm)	See photo above
B-0113-BJ	Eterna w/spring check	B-0107-J (1.07 GPM)	B-0109-01 (6")	N	_	42-1/16" (1068 mm)	B-0107-J photo, above
B-0113-C	Eterna w/spring check	B-0107-C (0.65 GPM)	N	N	_	42-1/16" (1068 mm)	
B-0113-CR-V-BC	Cerama w/check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	41-3/4" (1060 mm)	B-0970-FEZ vacuum breaker
B-0113-V-BC	Eterna w/spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	46" (1168 mm)	B-0970-FEZ vacuum breaker
B-0113-BJ-SWV-T	Eterna w/spring check	B-0107-J (1.07 GPM)	B-0109-01 (6")	N	-	42-1/8" (1070 mm)	Includes Swivel and B-TEE-RGD accessory tee
B-0113-CR-J	Cerama w/check valve	B-0107-J (1.07 GPM)	N	N	_	42-1/8" (1070 mm)	
B-0113-J	Eterna w/spring check	B-0107-J (1.07 GPM)	N	N	_	42-1/8" (1070 mm)	



#### B-0113-C and B-0113-J Pre-Rinse Units

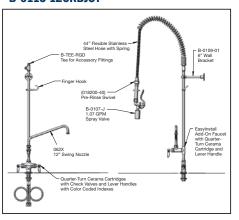
### Easy Install

B-0107-C Ultimate Low Flow Spray Valve (0.65 GPM)
B-0107-J NEW! Low Flow Spray Valve (1.07 GPM)

- Single hole deck-mount base faucet assembly (B-0113-LN) with EasyInstall<sup>TM</sup> "pop and lock" riser installation feature
- Overhead spring
- Add-on faucet with 12" (305 mm) swing nozzle
- 18" (457 mm) flexible inlets with 5/8" compression /1/2" NPSM male couplings
- 42-1/16" (1068 mm) high
- 14" (356 mm) overhang
- 11-9/16" (290 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0044-H 44" flexible stainless steel hose
- Finger hook (004R)



#### **B-0113-12CRBJST**



#### B-0113-C and B-0113-J PRE-RINSE UNITS, cont.

B-0113 BASE FAUCET PRU	CARTRIDGE	SPRAY VALVE / GPM	WALL BRACKET	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
Add-On Faucet Mod	els:						
B-0113-12CRBJST	Cerama w/check valve	B-0107-J (1.07 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	48-3/16" (1224 mm)	Includes 018200-40 pre-rinse swivel on spray valve for 360° rotation and B-TEE-RGD accessory tee
B-0113-12CRBJSW	Cerama w/check valve	B-0107-J (1.07 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46-1/4" (1175 mm)	Includes 018200-40 pre- rinse swivel on spray valve for 360° rotation
B-0113-12-CRVBC	Cerama w/check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46" (1168 mm)	B-0970-FEZ vacuum breaker
B-0113-A12-V-BC	Eterna w/spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	47-1/2" (1207 mm)	B-0970-FEZ vacuum breaker
B-0113-ADF12-BJ	Eterna w/spring check	B-0107-J (1.07 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46-3/8" (1178 mm)	




A CHICAGO

#### All B-0113 series pre-rinse units with the B-0107 (1.42 GPM) and B-0107-J (1.07 GPM) spray valves comply with EPAct 2005

• All pre-rinse units are equipped with integral spring checks to prevent cross flow

• Hot Eterna Cartridge – 002712-40 • Cold Eterna Cartridge – 002711-40

#### B-0113-B **Pre-Rinse Units**

### Easy Install

Spray Valve (1.42 GPM) B-0107

B-0107-J NEW! Low Flow Spray Valve (1.07 GPM)

 Single hole deck-mount base faucet assembly (B-0113-LN) with EasyInstall™ "pop and lock" riser installation feature

Overhead spring

• 18" (457 mm) flexible inlets with 5/8" compression / 1/2" NPSM male couplings

- B-0109-01 6" (152 mm) wall bracket
- 42-1/16" (1068 mm) high
- 14-1/16" (357 mm) overhang
- 12-9/16" (3192 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0044-H 44" flexible stainless steel hose
- Finger hook (004R)

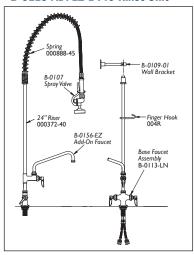




B-0107

(1.42 GPM)

#### B-0113-ADF12-B Pre-Rinse Unit



#### B-0113-ADF12-B



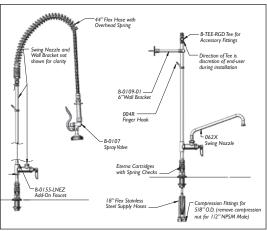


#### **Pre-Rinse and Spray Valve Options**



See complete line of pre-rinse accessories on pages A42-50











B-0113-B Pre-Rinse Units

### Easy Install

All models on these two pages use the B-0107 spray valve (1.42 GPM), except for the B-0113-BJ and B-0113-ADF12-BJ with the NEW B-0107-J spray valve (1.07 GPM)











### All B-0123 series pre-rinse units with the B-0108 (1.48 GPM) and B-0108-C (0.65 GPM) JeTSpray valves comply with EPAct 2005

- Ergonomic B-0108 and B-0108-C JeTSpray valves are powerful and efficient
- All pre-rinse units are equipped with integral spring checks to prevent cross flow

₩ JeTSpray

• Hot Eterna Cartridge – 002712-40 • Cold Eterna Cartridge – 002711-40

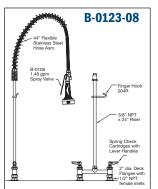


#### B-0123-08 and B-0123-08C Pre-Rinse Units

B-0108 JeTSpray Valve (1.48 GPM)
B-0108-C Low Flow JeTSpray Valve (0.65 GPM)

- 8" (203 mm) deck-mount base faucet assembly (014208-40) with EasyInstall™ "pop and lock" riser installation feature
- Overhead spring
- 41-3/4" (1060 mm) high
- 14-7/16" (367 mm) overhang
- 13-3/16" (335 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 24" (610 mm) riser (000372-40)
- B-0044-H2A 44" flexible stainless steel hose
- Finger hook (004R)

Note: Supply nipples sold separately — B-0425 (2 required, see Accessories section, p. 18).













B-0108 (1.48 GPM)

B-0108-C (0.65 GPM)

B-0123 Base Faucet Pru	CARTRIDGE w/ SPRING CHECK	SPRAY VALVE / GPM	WALL BRACKET	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
B-0123-08	Eterna	B-0108 (1.48 GPM)	N	N	_	41-3/4" (1061 mm)	See spec above
B-0123-08C	Eterna	B-0108-C (0.65 GPM)	N	N	_	41-3/4" (1061 mm)	
B-0123-B08	Eterna	B-0108 (1.48 GPM)	B-0109-01 (6")	N	_	41-3/4" (1061 mm)	See photo above
B-0123-B08C	Eterna	B-0108-C (0.65 GPM)	B-0109-01 (6")	N	-	41-3/4" (1061 mm)	
Add-On Faucet Mode	ls:						
B-0123-A06-B08	Eterna	B-0108 (1.48 GPM)	B-0109-01 (6")	Υ	6" (152 mm)	46-3/8" (1178 mm)	
B-0123-A06-B08C	Eterna	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	6" (152 mm)	46-3/8" (1178 mm)	
B-0123-A08-B08	Eterna	B-0108 (1.48 GPM)	B-0109-01 (6")	Υ	8" (203 mm)	46-3/8" (1178 mm)	
B-0123-A08-B08C	Eterna	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	8" (203 mm)	46-3/8" (1178 mm)	
B-0123-A10-B08	Eterna	B-0108 (1.48 GPM)	B-0109-01 (6")	Υ	10" (254 mm)	46-3/8" (1178 mm)	
B-0123-A10-B08C	Eterna	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	10" (254 mm)	46-3/8" (1178 mm)	
B-0123-A12-08	Eterna	B-0108 (1.48 GPM)	N	Υ	12" (305 mm)	46-3/8" (1178 mm)	
B-0123-A12-B08	Eterna	B-0108 (1.48 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46-3/8" (1178 mm)	See photo above
B-0123-A12-08C	Eterna	B-0108-C (0.65 GPM)	N	Υ	12" (305 mm)	46-3/8" (1178 mm)	
B-0123-A12-B08C	Eterna	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46-3/8" (1178 mm)	



### All B-0123 series pre-rinse units with the B-0107-C (0.65 GPM) and B-0107-J (1.07 GPM) low flow spray valves comply with EPAct 2005

- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40



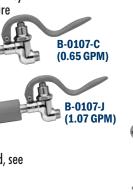
#### B-0123-C and B-0123-J Pre-Rinse Units

### Easy Install

B-0107-C Ultimate Low Flow Spray Valve (0.65 GPM)
B-0107-J NEW! Low Flow Spray Valve (1.07 GPM)

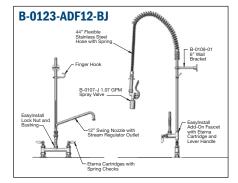
- 8" (203 mm) deck-mount base faucet assembly (014208-40) with EasyInstall™ "pop and lock" riser installation feature
- Overhead spring
- 41-3/4" (1061 mm) high
- 14-1/8" (359 mm) overhang
- 11" (279 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 24" (610 mm) riser (000372-40)
- B-0044-H 44" flexible stainless steel hose
- Finger hook (004R)

Note: Supply nipples sold separately — B-0425 (2 required, see Accessories section, p. 18).





The B-0107-C is endorsed by the Green Restaurant Association (GRA), which recommends environmentally responsible products for the restaurant industry.



B-0123-BC



B-01 BASE FAU		CARTRIDGE	SPRAY VALVE / GPM	WALL Bracket	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
B-0123-B	C	Eterna w/ spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	-	41-3/4" (1061 mm)	
B-0123-C		Eterna w/ spring check	B-0107-C (0.65 GPM)	N	N	-	41-3/4" (1061 mm)	
B-0123-CI	R-BC	Cerama w/ check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	41-3/4" (1061 mm)	
B-0123-CI	R-J	Cerama w/ check valve	B-0107-J (1.07 GPM)	N	N	-	41-3/4" (1061 mm)	
B-0123-J		Eterna w/ spring check	B-0107-J (1.07 GPM)	N	N	_	41-3/4" (1061 mm)	
B-0123-V-	ВС	Eterna w/ spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	-	46-9/16" (1183 mm)	B-0970-FEZ Vacuum breaker
Add-On Fa	ucet Model	s:						
B-0123-12	-CR-BC	Cerama w/ check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46" (1168 mm)	
B-0123-12	CRCVBC	Cerama w/ check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	45-3/16" (1148 mm)	B-0970-FEZ Vacuum breaker
B-0123-A	12-V-BC	Eterna w/ spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	45-1/8" (1146 mm)	B-0970-FEZ Vacuum breaker
B-0123-AI	DF12-BJ	Eterna w/ spring check	B-0107-J (1.07 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46" (1168 mm)	



#### All B-0123 series pre-rinse units with the B-0107 (1.42 GPM) spray valve comply with EPAct 2005

- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40

### **B-0123-B Series Pre-Rinse Units**

### Easy Install

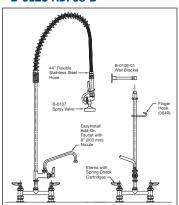
#### **B-0107** Spray Valve (1.42 GPM)

- 8" (203 mm) deck-mount base faucet assembly (014208-40) with EasyInstall™ "pop and lock" riser installation feature
- Overhead spring
- B-0109-01 6" (152 mm) wall bracket
- 41-3/4" (1061 mm) high
- 14" (357 mm) overhang
- 12-5/16" (312 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 24" (610 mm) riser (000372-40)
- B-0044-H 44" flexible stainless steel hose
- Finger hook (004R)

Note: Supply nipples sold separately — B-0425 (2 required, see Accessories section, p. 18).









	B-0123 Base faucet pru	CARTRIDGE	SPRAY VALVE / GPM	WALL Bracket	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
	B-0123	Eterna w/spring check	B-0107 (1.42 GPM)	N	N	_	41-3/4" (1061 mm)	
	B-0123-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	-	41-3/4" (1061 mm)	See photo/spec above
	B-0123-B9	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-02 (9")	N	_	41-3/4" (1061 mm)	
	B-0123-BM	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	-	41-3/4" (1061 mm)	B-0123-B Master Box (6)
	B-0123-CR	Cerama w/check valve	B-0107 (1.42 GPM)	N	N	_	41-3/4" (1061 mm)	
	B-0123-CR-CCV-B	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	N	-	41" (1041 mm)	B-0970-FEZ Vacuum Breaker; 00CC 1/2" NPT inlets
	B-0123-CR-B	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	41-3/4" (1061 mm)	
	B-0123-M	Eterna w/spring check	B-0107 (1.42 GPM)	N	N	-	41-3/4" (1061 mm)	B-0123 Master Box (6)
	Add-On Faucet Mode	els:						
4	B-0123-ADF06-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	6" (152 mm)	46" (1169 mm)	
	B-0123-ADF08	Eterna w/spring check	B-0107 (1.42 GPM)	N	Υ	8" (203 mm)	46" (1169 mm)	
	B-0123-ADF08-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	8" (203 mm)	46" (1169 mm)	See illustration above
	B-0123-ADF10-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	10" (254 mm)	46" (1169 mm)	
	B-0123-ADF12	Eterna w/spring check	B-0107 (1.42 GPM)	N	Υ	12" (305 mm)	46" (1169 mm)	
	B-0123-ADF12-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	46" (1169 mm)	



### The T&S Solution to Add-On Accessory Tees in the Kitchen

Easy Install

Do you need an additional water source from your **T&S** EasyInstall pre-rinse unit or mixing faucet? Finding it hard to install? The T&S solution – the B-TEE-RGD, designed for use with T&S pre-rinses, or the B-TEE-EZK, designed for use with T&S mixing faucets.



#### **Tee Application**

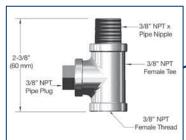
Tees on pre-rinse units and mixing faucets are used to supply water to accessory applications such as chemical injectors (for cleaning jobs, etc.) They are not intended to introduce chemicals into the T&S pre-rinse unit or mixing

> faucet. A backflow prevention device should be installed if it is not included with the accessory device.

#### **B-TEE-RGD Tee Assembly**

- Rigid tee assembly
- Chrome plated





#### **B-0113-B-TEE**

with B-TEE-RGD Rigid Tee Assembly

#### **Pre-Rinse Models with** the B-TEE-RGD:

#### B-0113-A12B-TEE

PRU, 12" add-on faucet, wall bracket, rigid tee

#### **B-0113-B-TEE**

PRU, wall bracket, rigid tee

#### **B-0133-A12B-TEE**

PRU, 12" add-on faucet, wall bracket, rigid tee

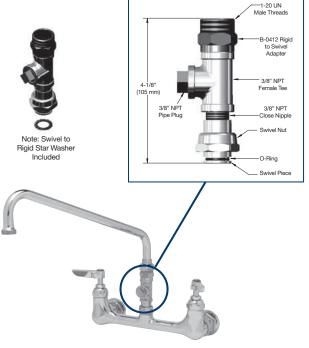
#### **B-0133-B-TEE**

PRU, wall bracket, rigid tee

Note: The B-TEE-RGD can be easily retrofitted to an existing T&S pre-rinse

#### **B-TEE-EZK** Tee Assembly

- EasyInstall swivel tee assembly
- Chrome plated
- Swivel adapter accepts all T&S standard swing nozzles

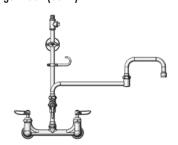


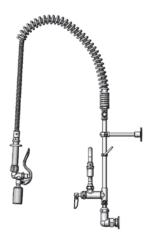
#### **B-0230-TZ-CR-SC**

with B-TEE-EZK Swivel Tee Assembly

#### B-0152-CR-C-TEE Pre-Rinse Unit

- 8" wall-mount base faucet
- Cerama cartridges with check valves
- B-TEE-RGD rigid tee with plug
- 1/2" NPT female inlets (00AA)
- B-0044-H 44" stainless steel hose
- B-0107-C Ultimate low flow spray valve (0.65 GPM)
- 18" double-joint swing nozzle (073X) with 2.2 GPM aerator on add-on faucet
- B-0109-01 6" (152 mm) wall bracket
- Finger hook (004R)







### All B-0133 series pre-rinse units with the B-0108 (1.48 GPM) and B-0108-C (0.65 GPM) JeTSpray valves comply with EPAct 2005

- Ergonomic B-0108 and B-0108-C JeTSpray valves are powerful and efficient
- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40



#### B-0133-08 and B-0133-08C Pre-Rinse Units

B-0108 JeTSpray Valve (1.48 GPM)

B-0108-C Low Flow JeTSpray Valve (0.65 GPM)

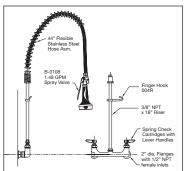
- 8" (203 mm) wall-mount base faucet assembly (014209-40) with EasyInstall™ "pop and lock" riser installation feature
- 33-5/16" (846 mm) high
- 14-7/16" (366 mm) overhang
- 5-3/8" (137 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 18" (457 mm) riser (000369-40)
- B-0044-H2A 44" flexible stainless steel hose
- Overhead spring
- Finger hook (004R)

Note: Installation Kit sold separately — B-0230-K (1 required, see Parts Kits section, p. G9).

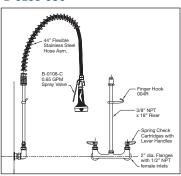


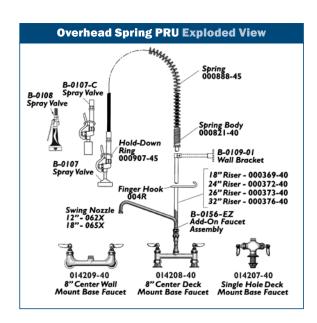
Easy Install

#### B-0133-08



B-0133-08C









#### B-0133-08 and B-0133-08C Pre-Rinse Units

B-0108 JeTSpray Valve (1.48 GPM)
B-0108-C Low Flow JeTSpray Valve (0.65 GPM)







**B-0108 Spray Faces** 





B-0108 (1.48 GPM)

B-0108-C (0.65 GPM)





JeTSpray Valve (1.48 GPM)

	B-0133 BASE FAUCET PRU	CARTRIDGE	SPRAY VALVE / GPM	WALL BRACKET	ADD- ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES		
	B-0133-08	Eterna w/spring check	B-0108 (1.48 GPM)	N	N	_	33-5/16" (846 mm)	See spec, left		
	B-0133-B08	Eterna w/spring check	B-0108 (1.48 GPM)	B-0109-01 (6")	N	1	33-5/16" (846 mm)	See photo, left		
	B-0133-B08-SWV	Eterna w/spring check	B-0108 (1.48 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	018200-40 pre-rinse swivel on spray valve for 360° rotation		
	B-0133-CR-B08	Cerama w/check valve	B-0108 (1.48 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)			
	B-0133-CR-B08W4	Cerama w/check valve	B-0108 (1.48 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	4" Wrist-action handles		
	B-0133-CR-B8SWX	Eterna w/spring check	B-0108 (1.48 GPM)	B-0109-01 (6")	N	1	23-5/16" (592 mm)	018200-40 pre-rinse swivel on spray valve for 360° rotation; club handles; 8" riser; B-0032-H2A 32" hose		
	Add-On Faucet Mode	ls:								
	B-0133-A06-08	Eterna w/spring check	B-0108 (1.48 GPM)	N	Υ	6" (152 mm)	37-9/16" (954 mm)			
=	B-0133-A08-08	Eterna w/spring check	B-0108 (1.48 GPM)	N	Υ	8" (203 mm)	37-9/16" (954 mm)			
4	B-0133-A08-B08	Eterna w/spring check	B-0108 (1.48 GPM)	B-0109-01 (6")	Υ	8" (203 mm)	37-9/16" (954 mm)			
	B-0133-A10-B08	Eterna w/spring check	B-0108 (1.48 GPM)	B-0109-01 (6")	Υ	10" (254 mm)	37-9/16" (954 mm)			
	B-0133-A12-08	Eterna w/spring check	B-0108 (1.48 GPM)	N	Υ	12" (305 mm)	37-9/16" (954 mm)			
	B-0133-A12-B08	Eterna w/spring check	B-0108 (1.48 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	37-9/16" (954 mm)			
	B-0133 BASE FAUCET PRU	B-0108-C Low-Flow JeTSpray Valve (0.65 GPM)								
	B-0133-08C	Eterna w/spring check	B-0108-C (0.65 GPM)	N	N	_	33-5/16" (846 mm)	See spec, left		
	B-0133-B08C	Eterna w/spring check	B-0108-C (0.65 GPM)	B-0109-01 (6")	N	-	33-5/16" (846 mm)			
	B-0133-CR-B08C	Cerama w/check valve	B-0108-C (0.65 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)			
	B-0133-EE-CR-8C	Cerama w/check valve	B-0108-C (0.65 GPM)	N	N	-	33-5/16" (846 mm)	00EE 1/2" NPT Male Inlets w/ adj. flanges		
	Add-On Faucet Model	s:								
1	B-0133-01-CR-8C	Cerama w/check valve	B-0108-C (0.65 GPM)	B-0109-02 (9")	Υ	14" (356 mm)	37-9/16" (954 mm)	B-0056-H2A 56" Hose		
	B-0133-A06-08C	Eterna w/spring check	B-0108-C (0.65 GPM)	N	Υ	6" (152 mm)	37-9/16" (954 mm)			
	B-0133-A08-B08C	Eterna w/spring check	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	8" (203 mm)	37-9/16" (954 mm)			
	B-0133-A10-08C	Eterna w/spring check	B-0108-C (0.65 GPM)	N	Υ	10" (254 mm)	37-9/16" (954 mm)			
	B-0133-A10-B08C	Eterna w/spring check	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	10" (254 mm)	37-9/16" (954 mm)			
	B-0133-A12-08C	Eterna w/spring check	B-0108-C (0.65 GPM)	N	Υ	12" (305 mm)	37-9/16" (954 mm)			
	B-0133-A12-B08C	Eterna w/spring check	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	37-9/16" (954 mm)	See photo, left		
	B-0133-A12-B8CX	Eterna w/spring check	B-0108-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	29-9/16" (751 mm)	10" (254 mm) Riser		



#### All B-0133 series pre-rinse units with the B-0107 spray valve (1.42 GPM) comply with EPAct 2005

- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40



Easy Install

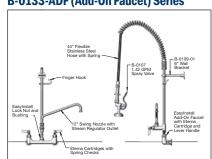
B-0107 Spray Valve (1.42 GPM)

- 8" (203 mm) wall-mount base faucet assembly (014209-40) with EasyInstall™ "pop and lock" riser installation feature
- Overhead spring
- B-0109-01 6" (152 mm) wall bracket
- 33-5/16" (846 mm) high
- 14-1/16" (357 mm) overhang
- 3-3/4" (95 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 18" (457 mm) riser (000369-40)
- B-0044-H 44" flexible stainless steel hose
- Finger hook (004R)

Note: Installation Kit sold separately — B-0230-K (1 required, see Parts Kits section, p. G9, or order a B-0133-B-02).











#### All models on these two pages use the B-0107 spray valve (1.42 GPM)

B-0133	CARTRIDGE	SPRAY VALVE /	WALL	ADD-ON	NOZZLE	OVERALL	NOTES
BASE FAUCET PRU	CARTRIDOL	GPM	BRACKET	FAUCET	LENGTH	HEIGHT	NOILS
B-0133	Eterna w/spring check	B-0107 (1.42 GPM)	N	N	_	33-5/16" (846 mm)	
B-0133-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	-	33-5/16" (846 mm)	See photo above
B-0133-B-02	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	B-0230-K Installa- tion Kit
B-0133-B-SWV	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	-	33-5/16" (846 mm)	018200-40 pre-rinse swivel on spray valve for 360° rotation
B-0133-B-TEE	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	35-9/16" (903 mm)	B-TEE-RGD accessory tee
B-0133-B9	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-02 (9")	N	-	33-5/16" (846 mm)	
B-0133-BM	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	Master Box (6)
B-0133-BQD	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	-	33-5/16" (846 mm)	Quick-disconnect Hose
B-0133-BR	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	-	33-5/16" (846 mm)	B-0044-R PVC Hose
B-0133-CC	Eterna w/spring check	B-0107 (1.42 GPM)	N	N	ı	33-5/16" (846 mm)	00CC 1/2" NPT Male Inlets
B-0133-CCB	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	00CC 1/2" NPT Male Inlets
B-0133-CCB-CR	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	00CC 1/2" NPT Male Inlets

### **B-0133 Base Faucet Series Pre-Rinse Units** with Overhead Spring

( "	TI CI
	18.
	<b>\</b> /
	$\smile$

	B-0133 BASE FAUCET PRU	CARTRIDGE	SPRAY VALVE / GPM	WALL Bracket	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
	B-0133-CCB-M	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	00CC 1/2" NPT Male Inlets; Master Box (6)
	B-0133-CR	Cerama w/check valve	B-0107 (1.42 GPM)	N	N	-	33-5/16" (846 mm)	
L	B-0133-CR-B	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	N	-	33-5/16" (846 mm)	
	B-0133-CR-V-BE	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	N		37" (940 mm)	B-0970-FEZ V.B.; B-0230-K Inst. Kit
	B-0133-EE-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	00EE 1/2" NPT Male Inlets
	B-0133-EE-BM	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	Master Box (6)
	B-0133-LB	Eterna w/spring check	B-0107 (1.42 GPM)	N	N	_	_	Riser, Hose and Spray Valve less Base Faucet
	B-0133-M	Eterna w/spring check	B-0107 (1.42 GPM)	N	N	_	33-5/16" (846 mm)	B-0133 Master Box (6)
	B-0133-SWV	Eterna w/spring check	B-0107 (1.42 GPM)	N	N	_	33-5/16" (846 mm)	018200-40 pre-rinse swivel w/ 360° rotation
	B-0133-V-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	36-7/8" (937 mm)	B-0970-FEZ V.B.
	B-0133-V-B-68H	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	36-7/8" (937 mm)	V.B.; 68" Flexible Stain- less Steel Hose
A	.dd-On Faucet Mode	ls:						
	B-0133-18DJ-CRB	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	_	37-5/8" (956 mm)	Dbljoint add-on faucet
	B-0133-A12B-TEE	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	39-5/8" (1006 mm)	B-TEE-RGD acces. tee
	B-0133-ADF06	Eterna w/spring check	B-0107 (1.42 GPM)	N	Υ	6" (152 mm)	37-9/16" (954 mm)	
	B-0133-ADF06-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	6" (152 mm)	37-9/16" (954 mm)	
	B-0133-ADF08	Eterna w/spring check	B-0107 (1.42 GPM)	N	Υ	8" (203 mm)	37-9/16" (954 mm)	
	B-0133-ADF08-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	8" (203 mm)	37-9/16" (954 mm)	
	B-0133-ADF10-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	10" (254 mm)	37-9/16" (954 mm)	
	B-0133-ADF10-BR	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-03 (12")	Y	10" (254 mm)	37-9/16" (954 mm)	Brush attachment, Supply Stops, 36" Supply Lines, B-0230-K Kit
	B-0133-12-CRVBE	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	41-1/8" (1044 mm)	B-0970-FEZ V.B.; B-0230-K Inst. Kit
	B-0133-ADF12	Eterna w/spring check	B-0107 (1.42 GPM)	N	Υ	12" (305 mm)	37-9/16" (954 mm)	
	B-0133-ADF12-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	37-9/16" (954 mm)	
	B-0133-ADF12-BM	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	37-9/16" (954 mm)	Master Box (6)
	B-0133-ADF12-BR	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	37-9/16" (954 mm)	Brush attachment, Supply Stops, 36" Supply Lines, B-0230-K Kit
	B-0133-A12-CCB	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	37-9/16" (954 mm)	00CC 1/2" NPT Male Inlets
	B-0133-01	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-02 (9")	Υ	14" (356 mm)	37-9/16" (954 mm)	B-0056-H Hose, OOCC 1/2" NPT Male Inlets
	В-0133-01-36Н	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-02 (9")	Y	14" (356 mm)	37-9/16" (954 mm)	00CC 1/2" NPT Male Inlets, B-0036-H Hose
	B-0133-01-CR	Cerama w/check valve	B-0107 (1.42 GPM)	N	Υ	14" (356 mm)	37-9/16" (954 mm)	B-0056-H Hose
	B-0133-A14-CCB	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	14" (356 mm)	37-9/16" (954 mm)	00CC 1/2" NPT Male Inlets
	B-0133-ADF14-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	14" (356 mm)	37-9/16" (954 mm)	
	B-0133-ADF14-BR	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-03 (12")	Y	14" (356 mm)	37-9/16" (954 mm)	Brush attachment, Supply Stops, 36" Supply Lines, B-0230-K Kit
	B-0133-A16-CR-B	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	16" (406 mm)	37-9/16" (954 mm)	
	B-0133-ADF16-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	16" (406 mm)	37-9/16" (954 mm)	
	B-0133-ADF16-BR	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-03 (12")	Υ	16" (406 mm)	37-9/16" (954 mm)	Brush attachment, Supply Stops, 36" Supply Lines, B-0230-K Kit
	B-0133-ADF-LN	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	Less nozzle	37-9/16" (954 mm)	Less nozzle
_						1		1

# All B-0133 series pre-rinse units with the B-0107-C (0.65 GPM) and B-0107-J (1.07 GPM) low flow spray valves comply with EPAct 2005

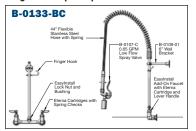
- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40

#### B-0133-C and B-0133-J Pre-Rinse Units

### Easy Install

B-0107-C Ultimate Low Flow Spray Valve (0.65 GPM)
NEW Low Flow Spray Valve (1.07 GPM)

- 8" (203 mm) wall-mount base faucet assembly (014209-40) with EasyInstall<sup>TM</sup> "pop and lock" riser installation feature
- Overhead spring
- B-0109-01 6" (152 mm) wall bracket (-B models)
- 33-5/16" (846 mm) high
- 14-1/8" (358 mm) overhang
- 2-11/16" (68 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 18" (457 mm) riser (000369-40)
- B-0044-H 44" flexible stainless steel hose
- Finger hook (004R)









The B-0107-C is endorsed by the Green Restaurant Association (GRA), which recommends environmentally responsible products for the restaurant industry.

#### B-0133-ADF12-BC



B-0133 BASE FAUCET PRU	CARTRIDGE	SPRAY VALVE / GPM	WALL BRACKET	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
B-0133-C	Eterna w/spring check	B-0107-C (0.65 GPM)	N	N	_	33-5/16" (846 mm)	
B-0133-BC	Eterna w/spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	-	33-5/16" (846 mm)	See spec/photo above
B-0133-BJ	Eterna w/spring check	B-0107-J (1.07 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	
B-0133-BJ-SWV-T	Eterna w/spring check	B-0107-J (1.07 GPM)	B-0109-01 (6")	N	_	33-7/16" (849 mm)	018200-40 pre-rinse swivel; B-TEE-RGD accessory tee
B-0133-CR-BC	Cerama w/check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	33-5/16" (846 mm)	
B-0133-CR-C	Cerama w/check valve	B-0107-C (0.65 GPM)	N	N	_	33-5/16" (846 mm)	
B-0133-CR-J	Cerama w/check valve	B-0107-J (1.07 GPM)	N	N	_	33-3/8" (848 mm)	
B-0133-CR-V-BCE	Cerama w/check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	36-7/8" (937 mm)	B-0970-FEZ V.B; B-0230-K Inst. Kit; 18" (457 mm) riser
B-0133-V-BC	Eterna w/spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	36-7/8" (937 mm)	B-0970-FEZ V.B.
Add-On Faucet Mode	ls:						
B-0133-ADF12-BC	Eterna w/spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	37-9/16" (954 mm)	See spec above
B-0133-ADF12-BJ	Eterna w/spring check	B-0107-J (1.07 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	37-9/16" (954 mm)	
B-0133-A12-BC4	Eterna w/spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	35-3/16" (894 mm)	Four way cross
B-0133-12CRBJSK	Cerama w/check valve	B-0107-J (1.07 GPM)	B-0109-01 (6")	Y	12" (305 mm)	37-9/16" (954 mm)	B-0230-K Inst. Kit; 018200-40 pre-rinse swivel
B-0133-12CRBJST	Cerama w/check valve	B-0107-J (1.07 GPM)	B-0109-01 (6")	Y	12" (305 mm)	39-1/2" (1003 mm)	B-0230-K Inst. Kit; B-TEE-RGD acces- sory tee; 018200-40 pre-rinse swivel
B-0133-12CRVBCE	Cerama w/check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	Y	12" (305 mm)	41-1/8" (1044 mm)	B-0230-K Inst. Kit; B-0970-FEZ V.B.

ADDAY/YALVE / WALL DOLAYER ADD AN



### All B-0133 series pre-rinse units with the B-0107 spray valve (1.42 GPM) comply with EPAct 2005

- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40

#### B-2278 Series Pre-Rinse Units



**B-0107** Spray Valve (1.42 GPM)

B-0107-C Ultimate Low Flow Spray Valve (0.65 GPM)

- 8" (203 mm) wall-mount base faucet assembly (014209-40) with EasyInstall™ "pop and lock" riser installation feature
- Overhead spring
- B-0109-01 6" (152 mm) wall bracket
- 36-7/8" (937 mm) high
- 14-1/16" (357 mm) overhang
- 7-5/16" (186 mm) clearance
- Includes supply nipples (B-0425)
- B-0970-FEZ vacuum breaker
- 18" (457 mm) riser (000369-40)
- 1/2" NPT female eccentric flanged inlets (00AA)
- B-0044-H 44" flexible stainless steel hose
- Finger hook (004R)









**B-2278** 



	B-0133 BASE FAUCET PRU	CARTRIDGE	SPRAY VALVE / GPM	WALL Bracket	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
	B-2278	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	36-7/8 (937 mm)	See drawing above
	B-2278-02	Eterna w/spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	36-7/8 (937 mm)	
	B-2278-02-CR	Cerama w/check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	36-7/8 (937 mm)	
	B-2278-0440-CR	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	36-7/8 (937 mm)	B-0440 extensions
	B-2278-B9	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-02 (9")	N	_	36-7/8 (937 mm)	
	B-2278-CR	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	36-7/8 (937 mm)	
	B-2278-CR-C-EL	Cerama w/check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	36-7/8 (937 mm)	Short els with 1/2" NPT female inlets
	Add-On Faucet Mode	els:						
1	B-2278-01	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	41-1/8" (1045 mm)	
	B-2278-01-CR	Cerama w/check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	41-1/8" (1045 mm)	
	B-2278-A12CRCEL	Cerama w/check valve	B-0107-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	41-1/8" (1045 mm)	Short els with 1/2" NPT female inlets
	B-2278-ADF	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	41-1/8" (1045 mm)	





#### Pre-rinse units with the B-0107 spray valve (1.42 GPM) comply with EPAct 2005



- Concealed mixing faucet (B-0512)
- Rigid deck flange (B-0430)
- 1/2" NPSM shank with 150A tailpiece and nut for 1/4" NPT connections
- 42-1/8" (1069 mm) high
- 14" (356 mm) overhang
- 16-7/16" (418 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H 44" flexible stainless steel hose

Note: This pre-rinse unit requires separate check valves. Piping between remote control valve and pre-rinse supplied by others.

**B-0143-01** same as B-0143 except less B-0512 remote valve

#### **Check Valves for B-0143**

B-CVH3-8 for horizontal or vertical use, 3/8" NPT female Furnished in rough brass

#### B-0163 **Pre-Rinse Unit**

- 4" (102 mm) concealed faucet (002837-40)
- 33-3/16" (842 mm) high
- 14-3/16" (361 mm) overhang
- 3-9/16" (91 mm) clearance
- 1/2" NPT female inlets (facing down)
- 18" (457 mm) riser (000369-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H 44" flexible stainless steel hose

Note: This pre-rinse unit requires separate check valves.

#### Check Valves for B-0163

B-CVH1-2 for horizontal or vertical use, 1/2" NPT female B-CVH3-4 for horizontal or vertical use, 3/4" NPT female Furnished in rough brass



#### B-0153 **Pre-Rinse Unit**

- With double pedal valve (B-0502)
- Riaid deck flange (B-0430)
- 1/2" NPSM shank with 150A tailpiece and nut for 1/4" NPT connections
- 38-15/16" (989 mm) high
- 14-3/4" (374 mm) overhang
- 10-15/16" (277 mm) clearance
- 24" (610 mm) riser (000372-40)
- Spray head (001AS) with adapter (000552-25)
- B-0044-H 44" flexible stainless steel hose

Note: This pre-rinse unit requires separate check valves. Piping between remote control valve and pre-rinse supplied by others.

#### Check Valves for B-0153

B-CVH1-2 for horizontal or vertical use, 1/2" NPT female B-CVH3-4 for horizontal or vertical use, 3/4" NPT female Furnished in rough brass

#### B-0173 **Pre-Rinse Unit**

- Single hole base faucet with Eterna cartridge
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or 1/2" NPSM male thread)
- 42-5/16" (1075 mm) high
- 14-1/16" (357 mm) overhang
- 12-13/16" (325 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H 44" flexible stainless steel hose
- Finger hook (004R)
- Mechanical temperature mixing valve with integral check valves

B-0173-B with B-0109-01 6" (152 mm) wall bracket





### Standard B-0107 Spray Valve Pre-Rinse Units with Overhead Spring



#### Pre-rinse units with the B-0107 spray valve (1.42 GPM) comply with EPAct 2005

- All pre-rinse units (unless noted) are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40
   Cold Eterna Cartridge 002711-40



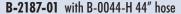
#### B-2187 Pre-Rinse Unit

### Easy Install

- 8" (203 mm) wall-mount faucet
- Eterna cartridges with spring checks
- 37-11/16" (957 mm) high
- 14-1/16" (357 mm) overhang
- 7-1/2" (191 mm) clearance
- 18" (457 mm) riser (00369-40)
- B-0044-R 44" rubber hose
- 1/2" NPT female eccentric flanged inlets (00AA)
- B-0107 spray valve (1.42 GPM)
- B-0109-01 6" (152 mm) wall bracket
- EasyInstall add-on faucet with 14" swing nozzle (B-0158)
- Finger hook (004R)

Note: Installation Kit sold separately — B-0230-K (1 required, see Parts Kits section, p. G9).

Note: The following models are related but are NOT EasyInstall:



- **B-2180** rigid base with 18" (457 mm) add-on faucet and B-0109-03 12" (305 mm) wall bracket
- **B-2194** with 16" (406 mm) add-on faucet and B-0109-03 12" (305 mm) wall bracket

#### B-2261-B Pre-Rinse Unit

- Wall-mount base faucet with 00GG inlet arms adjustable from 2-1/4" to 8-1/4" (57 mm to 210 mm) centers
- Eterna cartridges with spring checks
- 33-7/16" (849 mm) high
- 14-1/16" (357 mm) overhang
- 3-9/16" (91 mm) clearance
- 18" (457 mm) riser (000369-40)
- B-0044-H 44" flexible stainless steel hose
- 1/2" NPT female inlets
- B-0107 spray valve (1.42 GPM)
- B-0109-01 6" (152 mm) wall bracket
- Finger hook (004R)

**B-2261** without B-0109-01 6" (152 mm) wall bracket



### Pre-Rinse Unit

- 6" (152 mm) deck-mount base faucet (008963-40)
- Eterna cartridges with spring checks
- 41-11/16" (1059 mm) high
- 14-1/16" (357 mm) overhang
- 12-3/16" (310 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0044-H flexible stainless steel hose
- 1/2" NPT female eccentric flanged inlets (00AA)
- B-0107 spray valve (1.42 GPM)
- B-0109-01 6" (152 mm) wall bracket
- Finger hook (004R)

Note: Supply nipples sold separately — B-0425 (2 required, see Accessories section, p. 18).



#### B-2285 Pre-Rinse Unit



- EasyInstall single hole single temperature base faucet (B-0205-LN)
- Eterna cartridge
- Fits sink top to 1-5/8" (41 mm) thick
- 42-7/8" (1090 mm) high
- 14-1/16" (357 mm) overhang
- 13-3/8" (339 mm) clearance
- 24" riser (000372-40)
- B-0044-H 44" flexible stainless steel hose
- 1/2" NPSM male inlet with 150A tailpiece and nut for 1/4" NPT connections
- B-0107 spray valve (1.42 GPM)
- Finger hook (004R)

Note: This pre-rinse unit does not require a check valve

**B-2285-B** with B-0109-01 6" (152 mm) wall bracket







- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40



#### **B-2285-BC Pre-Rinse Unit**

- Single hole deck-mount base faucet (B-0305-LN)
- Eterna cartridge
- 45-1/2" (1155 mm) high
- 14-1/16" (357 mm) overhang
- 18-9/16" (471 mm) clearance
- 1/2" male NPSM threaded inlet
- 24" riser (000372-40)
- B-0107-C Ultimate low-flow spray valve (0.65 GPM)
- B-0044-H 44" flexible stainless steel hose
- B-0109-01 6" (152 mm) wall bracket
- Finger hook (004R)



#### B-2349 **Pre-Rinse Unit**

- Single hole deck-mount base faucet (002824-40)
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or 1/2" NPSM male thread)
- Eterna cartridges with spring checks
- 41-15/16" (1064 mm) high
- 14-1/16" (357 mm) overhana
- 12-5/16" (313 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H 44" flexible stainless steel
- B-0109-03 12" (305 mm) wall bracket
- Finger hook (004R)



#### B-2338 **Pre-Rinse Unit**

- Single hole deck-mount base faucet (002824-40)
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or 1/2" NPSM male thread)
- Eterna cartridges with spring checks
- 40-1/8" (1020 mm) high
- 14-1/16" (357 mm) overhang
- 10-9/16" (269 mm) clearance
- 18" (457 mm) riser (000369-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H 44" flexible stainless steel hose
- B-0156 add on faucet with 12" (305 mm) nozzle
- B-0109-01 6" (152 mm) wall bracket
- Finger hook (004R)

**B-2338-CR** same as B-2338 except with ceramic cartridges with check valves

#### **B-2338-08C Pre-Rinse Unit**

- Single hole deck-mount base faucet (002824-40)
- 18" flexible inlet hoses (compression fittings for 5/8'' OD tubing or  $\frac{1}{2}''$ NPSM male thread)
- Eterna cartridges with spring checks
- 40-1/8" (1106 mm) high
- 14-7/16" (356 mm) overhang
- 12-3/16" (488 mm) clearance
- 18" (457 mm) riser (000369-40)
- B-0108-C low flow JeTSpray valve (0.65 GPM)
- B-0044-H2A 44" flexible stainless steel hose
- B-0156 add on faucet with 12" (305 mm) nozzle
- B-0109-01 6" (152 mm) wall bracket
- Finger hook (004R)







#### Pre-rinse units with the B-0107 Spray Valve (1.42 GPM) comply with EPAct 2005

- · All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40
   Cold Eterna Cartridge 002711-40



#### B-0111 Pre-Rinse Unit

### Easy Install

- Single hole deck-mount base faucet with EasyInstall™ "pop and lock" riser installation feature (B-0113-LN)
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or ½" NPSM male thread)
- 38-3/4" (984 mm) high
- 11-5/16" (287 mm) overhang
- 9-9/16" (244 mm) clearance
- 12" (305 mm) overhead swivel arm (002882-40)
- B-0107 spray valve (1.42 GPM)
- 32" (610 mm) riser (000376-40)
- B-0020-H 20" flexible stainless steel hose
- Finger hook (004R)

#### See chart below for additional models









#### B-0121 Pre-Rinse Unit

- 8" (203 mm) deck-mount faucet (002829-40)
- 1/2" NPT female eccentric flanged inlets (00AA)
- 38-3/8" (975 mm) high
- 11-5/16" (287 mm) overhang
- 9-3/16" (234 mm) clearance
- 12" (305 mm) overhead swivel arm (002882-40)
- 32" (823 mm) riser (000376-40)
- B-0107 spray valve (1.42 GPM)
- B-0020-H 20" flexible stainless steel hose
- Finger hook (004R)

Note: Supply nipples sold separately — B-0425 (2 required, see Accessories section, p. 18).



**B-0122** with 18" (457 mm) swivel arm, 38" (969 mm) riser (000377-40), 44-3/8" (1127 mm) high and B-0026-H 26" flexible stainless steel hose

B-0111 SERIES Pre-Rinse Unit	CARTRIDGE	SPRAY VALVE / GPM	WALL BRACKET	ADD-ON FAUCET	OVERALL HEIGHT	NOTES
B-0111	Eterna w/spring check	B-0107 (1.42 GPM)	N	N	38-3/4" (984 mm)	
B-0111-B	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	38-3/4" (984 mm)	
B-0111-BC	Eterna w/spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	38-3/4" (984 mm)	
B-0111-C	Eterna w/spring check	B-0107-C (0.65 GPM)	N	N	38-3/4" (984 mm)	
B-0111-02	_	B-0107 (1.42 GPM)	B-0109-01 (6")	N	35" (889 mm)	Less base faucet
B-0111-BR	Eterna w/spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	38-3/8" (975 mm)	B-0020-R 20" (508 mm) PVC hose; rigid riser
B-0112	Eterna w/spring check	B-0107 (1.42 GPM)	N	N	44-3/8" (1127 mm)	(002824-40) rigid base faucet; 18" (457 mm) swivel arm; B-0026-H 26" flex. stainless steel hose; 38" (965 mm) riser



#### Pre-rinse units with the B-0107 Spray Valve (1.42 GPM) and B-0107-C Ultimate Low-flow Spray Valve (0.65 GPM) comply with EPAct 2005

- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40

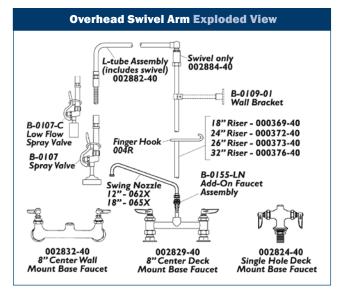


#### B-0131 **Pre-Rinse Unit**

- 8" (203 mm) wall-mount faucet (002832-40)
- 29-5/8" (753 mm) high
- 11-5/16" (287 mm) overhang
- 1/2" (13 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 12" (305 mm) overhead swivel arm (002882-40)
- 26" (660 mm) riser (000373-40)
- B-0107 spray valve (1.42 GPM)
- B-0020-H 20" flexible stainless steel hose
- Finger hook (004R)

Note: Installation Kit sold separately — B-0230-K (1 required, see Parts Kits section, p. G9).



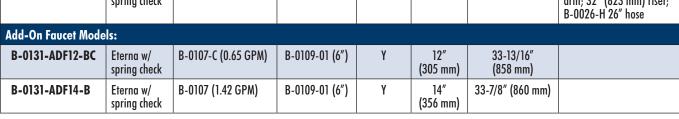






				•			
B-0131 SERIES Pre-Rinse Unit	CARTRIDGE	SPRAY VALVE / GPM	WALL BRACKET	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
B-0131	Eterna w/ spring check	B-0107 (1.42 GPM)	N	N	_	29-5/8" (753 mm)	
B-0131-B	Eterna w/ spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	29-5/8" (753 mm)	
B-0131-BC	Eterna w/ spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	29-5/8" (753 mm)	
B-0131-BC-28H	Eterna w/ spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	29-5/8" (753 mm)	B-0028-H hose
B-0131-BC-425	Eterna w/ spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	N	_	29-5/8" (753 mm)	B-0425 Supply kit
B-0131-C	Eterna w/ spring check	B-0107-C (0.65 GPM)	N	N	-	29-1/2" (749 mm)	
B-0131-CR-B	Cerama w/ check valve	B-0107 (1.42 GPM)	B-0109-01 (6")	N	_	29-5/8" (753 mm)	
B-0131-CR-B08C	Cerama w/ check valve	B-0108-C (0.65 GPM)	B-0109-01 (6")	N	_	29-5/8" (753 mm)	
B-0132	Eterna w/ spring check	B-0107 (1.42 GPM)	N	N	_	35-5/8" (905 mm)	18" (457 mm) swivel arm; 32" (823 mm) riser; B-0026-H 26" hose
Add-On Faucet Mode	els:						
B-0131-ADF12-BC	Eterna w/ spring check	B-0107-C (0.65 GPM)	B-0109-01 (6")	Υ	12" (305 mm)	33-13/16" (858 mm)	
B-0131-ADF14-B	Eterna w/ spring check	B-0107 (1.42 GPM)	B-0109-01 (6")	Y	14" (356 mm)	33-7/8" (860 mm)	





### Standard B-0107 Spray Valve Pre-Rinse Units with Overhead Swivel Arm





#### Pre-rinse units with the B-0107 Spray Valve (1.42 GPM) and B-0107-C Ultimate Low-flow Spray Valve (0.65 GPM) comply with EPAct 2005

- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40

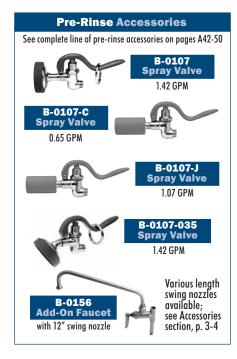


#### B-0131-C **Pre-Rinse Unit**

- 8" (203 mm) wall-mount faucet (002832-40)
- Eterna cartridges with spring checks
- 29-1/2" (749 mm) high
- 11-5/16" (287 mm) overhang
- 1/2" (13 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 12" (305 mm) overhead swivel arm (002882-40)
- 26" (660 mm) riser (000373-40)
- B-0107-C Ultimate low-flow spray valve
- B-0020-H 20" flexible stainless steel hose
- Finger hook (004R)

Note: Installation Kit sold separately — B-0230-K (1 required. see Parts Kits section, p. G9).





#### **B-0141 Pre-Rinse Unit**

- Remote control valve (B-0512)
- 35-5/8" (906 mm) high
- 11-5/16" (287 mm) overhang
- 6-1/2" (165 mm) clearance
- Rigid deck flange (B-0430)
- 1/2" NPSM male shank with 150A tailpiece and nut for 1/4" NPT connections
- 12" (305 mm) overhead swivel arm (002882-40)
- 32" (889 mm) riser (000376-40)
- B-0107 spray valve (1.42 GPM)
- B-0020-H 20" flexible stainless steel
- Finger hook (004R)

Note: This unit requires separate check valves.

#### Check Valves for B-0141

B-CVH3-8 for horizontal or vertical use, 3/8" NPT female Furnished in rough brass



#### **B-0171 Pre-Rinse Unit**

- Single hole deck-mount base faucet with Eterna cartridae
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or 1/2" NPSM male thread)
- 39" (991 mm) high
- 11-5/16" (287 mm) overhang
- 9-7/8" (251 mm) clearance
- 12" (305 mm) overhead swivel arm (02882-40)
- 32" (823 mm) riser (000376-40)
- B-0107 spray valve (1.42 GPM)
- B-0020-H 20" flexible stainless steel hose
- Finger hook (004R)
- Mechanical temperature mixing valve with integral check valves



**B-0171-01** same as B-0171 except with B-0119 bi-pod support rods wall bracket and 18" (457 mm) swivel arm



### A 30

## Standard B-0107 Spray Valve Pre-Rinse Units with Roto-Flex Design





#### B-0114-01 **Pre-Rinse Unit**

- Single hole deck-mount base faucet (002824-40)
- 18" flexible inlet hoses (compression fittings for 5/8" O.D. tubing or 1/2" NPSM male thread)
- Fits countertops up to 1-1/2" thick
- 42" (1067 mm) high at normal hanging position
- 21-1/2" (646 mm) overhang at maximum pull down position
- 1" (25 mm) clearance in maximum pull down position
- B-0107 spray valve (1.42 GPM)

B-0114-01B with B-0109-01 6" (152 mm) wall bracket **B-0114-02** 35-1/2" (902 mm) high in normal hanging position



Hot Eterna Cartridge – 002712-40
 Cold Eterna Cartridge – 002711-40

#### **B-0124 Pre-Rinse Unit**



#### **B-0134 Pre-Rinse Unit**








### Pre-rinse units with the B-0107-C Ultimate Low Flow Spray Valve (0.65 GPM) comply with EPAct 2005

- All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40



#### B-0117 Pre-Rinse Unit

- Single hole deck-mount base faucet (002824-40)
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or ½" NPSM male thread)
- 1/2" NPT male inlets with 150A tailpiece and nut for 1/4" NPT connections
- 42" (1067 mm) high at normal hanging position
- 21-1/2" (546 mm) overhang at maximum pull down position
- 1/2" (13 mm) clearance in maximum pull down position
- B-0020-H 20" flexible stainless steel hose
- B-0109-01 6" (152 mm) wall bracket

**B-0127** same as B-0117 except with 8" deck-mount faucet (002829-40)



#### B-0137 Pre-Rinse Unit

• 8" (203 mm) wall-mount faucet (002832-40)

• 39" (990 mm) high at normal hanging position

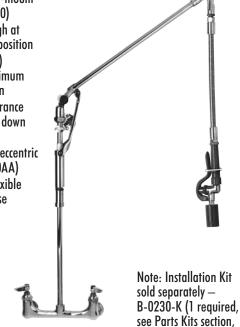
• 21-1/2" (546 mm) overhang at maximum pull down position

 6" (152 mm) clearance in maximum pull down position

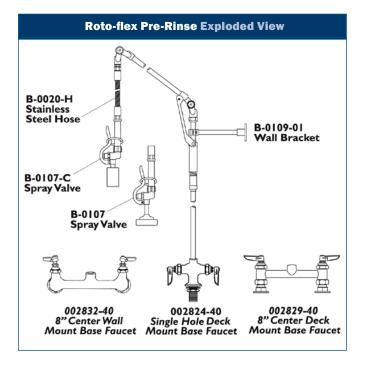
• 1/2" NPT female eccentric flanged inlets (00AA)

 B-0020-H 20" flexible stainless steel hose

 B-0109-01 6" (152 mm) wall bracket



p. G9).






### Pre-rinse units with the B-0107-C and B-0107-C35 Angled Low Flow Spray Valves (0.65 GPM) comply with EPAct 2005

- · All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Eterna Cartridge 002712-40 Cold Eterna Cartridge 002711-40



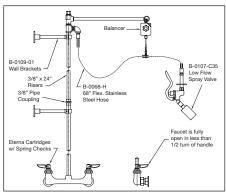
#### **B-0126 Pre-Rinse Unit**

- Pre-rinse unit with balancing assembly (005311-40)
- Single hole deck-mount base faucet (002824-40)
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or 1/2" NPSM male thread)
- B-0107-C35 35° angled low flow spray valve (0.65 GPM)
- Long reach 5 ft. (1524 mm) in either direction
- B-0068-H 68" flexible stainless steel hose
- Hose life substantially increased
- Lever handles with color coded indexes
- Two B-0109-01 6" (152 mm) wall brackets
- 55" (1397 mm) high
- 14" (356 mm) clearance (approximate)

Note: Other hose lengths available as modifications; see Accessories section, p. 21.



### B-0129



B-0126 Series Pre-Rinse Unit	CARTRIDGE	SPRAY VALVE / GPM	WALL BRACKET	ADD-ON FAUCET	NOZZLE LENGTH	OVERALL HEIGHT	NOTES
B-0126	Eterna w/ spring check	B-0107-C35 (0.65 GPM)	(2) B-0109-01 (6")	N	_	55" (1397 mm)	
B-0126-CR	Cerama w/ check valve	B-0107-C35 (0.65 GPM)	(2) B-0109-01 (6")	N	-	55" (1397 mm)	
B-0126-VB	Eterna w/ spring check	B-0107-C35 (0.65 GPM)	(2) B-0109-01 (6")	N	_	55" (1397 mm)	Includes B-0970-FE vacuum breaker for hose
B-0129	Eterna w/ spring check	B-0107-C35 (0.65 GPM)	(2) B-0109-01 (6")	N	-	52-7/8" (1343 mm)	8" wall-mount base faucet (002832-40); eccentric 00AA inlets; B-0970-FE vacuum breaker for hose; see illus. above
B-0129-VB	Eterna w/ spring check	B-0107-C35 (0.65 GPM)	(2) B-0109-01 (6")	N	_	52-7/8" (1342 mm)	8" wall-mount base faucet (002832-40); eccentric 00AA inlets; B-0970-FE vacuum breaker for hose
B-0130	Eterna w/ spring check	B-1420 with quick-disconnect outlet	(2) B-0109-01 (6")	N	-	52-9/16" (1335 mm)	(002832-40) 8" wall-mount base faucet; B-0970-FE vacuum breaker for hose; B-1420 quick-disconnect outlet for spray accessories B-1424 and B-1428; EPAct 2005 non-compliant

#### B-0126-R **Retrofit for B-0126**

- Retrofit kit
- Pre-rinse unit with balancing assembly (005311-40)
- Provides other pre-rinse units with easy upgrade 3/8" NPT coupling connects to existing riser
- B-0107-C35 angled low flow spray valve (0.65 GPM)
- 28-5/8" (727 mm) high
- B-0068-H 68" flexible stainless steel hose
- Includes B-0109-01 6" (152 mm) wall bracket

B-0126-VBR with B-0970-FE vacuum breaker hose



### Low Flow B-0107-C Spray Valve Pre-Rinse Units

#### with Overhead Swivel with Balancing Unit

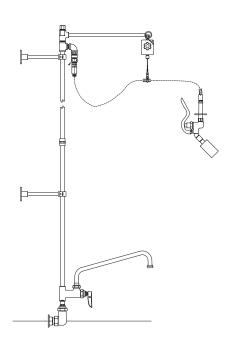
### Pre-rinse units with the B-0107-C35 Ultimate Low Flow Spray Valve (0.65 GPM) comply with EPAct 2005

- · All pre-rinse units are equipped with integral spring checks to prevent cross flow
- Hot Cerama Cartridge 012394-25
- Cold Cerama Cartridge 012395-25



#### B-0140 Pre-Rinse Unit

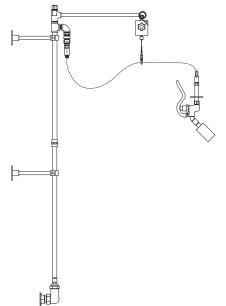
- 8" (203 mm) wall-mount faucet with Cerama cartridges with check valves and lever handles
- Balancer assembly with B-0970-FE vacuum breaker
- B-0107-C35 angled low flow spray valve (0.65 GPM)
- B-0068-H 68" flexible stainless steel hose
- B-0156-CR-LN add-on faucet with Cerama cartridge and lever handle and 12" swing nozzle (062X) with B-PT stream regulator
- Two B-0109-01 6" (152 mm) wall brackets
- 18" and 24" risers, 3/8" NPT
- 1/2" NPT female eccentric flanged inlets

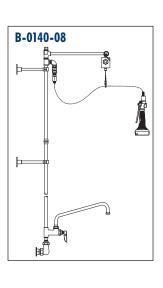


#### B-0140-01 and B-0140-08 Pre-Rinse Units

- 8" (203 mm) wall-mount faucet with Cerama cartridges with check valves and lever handles
- Balancer assembly
- B-0970-FE vacuum breaker
- B-0107-C35 angled low flow spray valve (0.65 GPM)
- B-0068-H 68" flexible stainless steel hose
- Two B-0109-01 6" (152 mm) wall brackets
- 18" and 24" risers, 3/8" NPT
- 1/2" NPT female eccentric flanged inlets

**B-0140-08** Same as B-0140-01 except with B-0155-CR-LN with (062X) 12" swivel gooseneck, and B-0108 JeTSpray valve





K	ē	3	Ċ

#### Pre-rinse units with the B-0107 Spray Valve (1.42 GPM) comply with EPAct 2005



#### B-0287 **Big-Flo Pre-Rinse Unit**

### Easy Install

- EasyInstall 8" (203 mm) wall-mount Big-Flo faucet with integral check valves (002840-40CV)
- EasyInstall Big-Flo add-on faucet (B-0286-LNEZ) with 12" (305 mm) Big-Flo swing nozzle (114X)
- 18" (457 mm) riser (000369-40)
- B-0044-H 44" flexible stainless steel hose and B-0107 spray valve (1.42 GPM)
- 3/4" NPT female eccentric flanged inlets (00BB)
- 38-5/16" (981 mm) high
- 14-1/16" (357 mm) overhang
- 9-1/8" (231 mm) clearance from spray valve
- 3/4" NPT short elbows (00LL) included
- Finger hook (004R)

#### **B-0287-427-B** Same as B-0287 except with B-0427 inlet supply nipples and 6" (152 mm) wall bracket





#### **BF-0176 Big-Flo Pre-Rinse Unit**

- Single hole single temperature faucet
- 1/2" NPT male inlet
- Add-on faucet
- 12" (305 mm) Big-Flo swing nozzle (114X)
- EB-0060-H 60" flexible stainless steel hose
- Angled spray valve (EB-0107-035)

Note: The BF-0176 is EPAct 2005 Non-Compliant



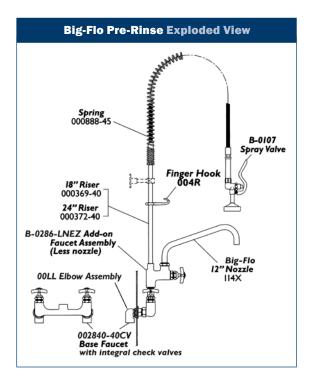
**EPAct 2005 Non-Compliant** 

#### B-0289 **Big-Flo Pre-Rinse Unit**



- EasyInstall 8" (203 mm) wall-mount Big-Flo faucet with integral check valves (002840-40CV)
- Big-Flo cartridges (006482-40)
- EasyInstall Big-Flo add-on faucet (B-0286-LNEZ) with 18" (457 mm) Big-Flo swing nozzle (115X)
- 034A swivel adapter
- B-0104-H 104" flexible stainless steel
- B-0107-035 angled spray valve (1.42 GPM)
- 3/4" NPT female eccentric flanged inlets (00BB)
- 3/4" NPT short elbows (00LL) included









#### T&S Spray Valve Assemblies that comply with EPAct 2005 include these Spray Valves:

• B-0107 (1.42 GPM) • B-0107-C (0.65 GPM) • B-0107-035 (1.42 GPM) • B-0107-J (1.07 GPM)

• B-0108 (1.48 GPM) • B-0108-C (0.65 GPM)



This chart includes all T&S Spray Valve **Assemblies on pages A36-A37** 

Spray Valve Assemblies	SPRAY VALVE / OUTLET / GPM	HOSE / LENGTH	HOSE TYPE	OVERALL LENGTH	NOTES
B-0100	B-0107 (1.42 GPM)	B-0044-H 44"	Flex. stainless steel	49-1/8" (1248 mm)	055A 1/2" NPT male adapter
B-0100-08	B-0108 (1.48 GPM)	B-0044-H2A 44"	Flex. stainless steel	47-7/16" (1205 mm)	055A 1/2" NPT male adapter
B-0100-08C	B-0108-C (0.65 GPM)	B-0044-H2A 44"	Flex. stainless steel	47-7/16" (1205 mm)	055A 1/2" NPT male adapter
B-0100-32H	B-0107 (1.42 GPM)	B-0032-H 32"	Flex. stainless steel	37-1/8" (943 mm)	055A 1/2" NPT male adapter
B-0100-C	B-0107-C (0.65 GPM)	B-0044-H 44"	Flex. stainless steel	50-1/16" (1272 mm)	055A 1/2" NPT male adapter
B-0100-C-SWV	B-0107-C (0.65 GPM)	B-0044-H-SWV 44"	Flex. stainless steel	51" (1295 mm)	018200-40 pre-rinse swivel for 360° rotation; 055A 1/2" NPT male adapter
B-0100-CM	B-0107-C (0.65 GPM)	B-0044-H 44"	Flex. stainless steel	50-1/16" (1272 mm)	Master Box (6)
B-0100-J-SWV	B-0107-J (1.07 GPM)	B-0044-H-SWV 44"	Flex. stainless steel	51" (1295 mm)	018200-40 pre-rinse swivel for 360° rotation; 055A 1/2" NPT male adapter
B-0100-M	B-0107 (1.42 GPM)	B-0044-H 44"	Flex. stainless steel	49-1/8" (1248 mm)	Master carton of 6
B-0100-SWV	B-0107 (1.42 GPM)	B-0044-H-SWV 44"	Flex. stainless steel	50-1/16" (1272 mm)	018200-40 pre-rinse swivel for 360° rotation; 055A 1/2" NPT male adapter
B-0101	002857-40 angle spray valve with rosespray outlet	013E-36H 36"	Flex. stainless steel	41-1/16" (1043 mm)	Push button auto shut-off spray valve; for use with B-KF deck flange; EPAct 2005 Non-Compliant
B-0101-A	002858-40 angle spray valve with B-0199-02 aerator (2.2 GPM)	013E-36H 36"	Flex. stainless steel	40-3/4" (1035 mm)	For use with B-KF deck flange; EPAct 2005 Non-Compliant; 055A 1/2" NPT male adapter
B-0101-60H	002857-40 angle spray valve with rosespray outlet	013E-60H 60"	Flex. stainless steel	65-3/16" (1656 mm)	EPAct 2005 Non-Compliant; 055A 1/2" NPT male adapter
B-0101-E72- 053A	002857-40 angle spray valve with rosespray outlet	013E-72H 72"	Flex. stainless steel	77-3/16" (1961 mm)	053A adapter, 3/8" NPT x 3/4-14 UNS; EPAct 2005 Non-Compliant
B-0106	005963-40 angle spray valve with brush at- tachment (1.42 GPM)	B-0044-H 44"	Flex. stainless steel	49-1/8" (1248 mm)	Spray valve with BR-10 brush attachment; 055A 1/2" NPT male adapter
B-0950	B-0107-035 angle spray valve (1.42 GPM)	B-0044-H 44"	Flex. stainless steel	49-1/8" (1248 mm)	055A 1/2" NPT male adapter
B-0950-01	B-0107-035 angle spray valve (1.42 GPM)	B-0068-H 68"	Flex. stainless steel	73-1/8" (1857 mm)	055A 1/2" NPT male adapter
B-0950-54H	B-0107-035 angle spray valve (1.42 GPM)	B-0054-H 54"	Flex. stainless steel	59-1/8" (1502 mm)	055A 1/2" NPT male adapter
B-0955	B-0107 (1.42 GPM)	B-0044-R 44"	Reinforced Rubber	48-1/2" (1232 mm)	Rubber hose with internal braid
B-0956	B-0107-035 angle spray valve (1.42 GPM)	B-0044-R 44"	Reinforced Rubber	48" (1219 mm)	Rubber hose with internal braid
B-0957	B-0107 (1.42 GPM)	B-0044-V 44"	Clear Vinyl	48-1/2" (1232 mm)	Clear vinyl hose with internal braid



Spray Valve Assemblies with the B-0107 (1.42 GPM), B-0107-C (0.65 GPM), B-0107-035 (1.42 GPM), B-0107-J (1.07 GPM), B-0108 (1.48 GPM) and B-0108-C (0.65 GPM) Spray Valves comply with EPAct 2005

#### B-0100-SWV Pre-Rinse Spray Valve Assembly with Swivel





### NEW model spray valve assembly with SWIVEL and 1.42 GPM — EPAct 2005 compliant

- Includes a swivel (018200-40) at base of handle for 360° rotation capability
- B-0044-H-SWV 44" flexible stainless steel hose
- Designed for heavy-duty use in industrial kitchens
- B-0107 automatic shut-off valve with spray head
- Hold-down ring for continuous spray
- 1/2" NPT male adapter (055A)
- 49-15/16" (1269 mm) overall length of unit

Note: See pages A6-A8 and A49 for more information about the Swivel (018200-45)

#### B-0100-C Low Flow Pre-Rinse Spray Unit



#### **EPAct 2005 compliant with 0.65 GPM**

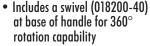
- Designed for heavy-duty use in industrial kitchens
- Conserves water and saves energy
- B-0107-C Ultimate low flow spray valve with automatic shut-off
- Hold-down ring for continuous spray
- Fan jet with knife action spray
- B-0044-H 44" flexible stainless steel hose
- 1/2" NPT male adapter (055A)
- 50-1/16" (1272 mm) overall length of unit

**B-0100-CM** Low flow pre-rinse spray Master Box (6)

#### B-0100-C-SWV Low Flow Pre-Rinse Spray Unit with Swivel



### EPAct 2005 compliant with SWIVEL and 0.65 GPM







- · Designed for heavy-duty use in industrial kitchens
- Conserves water and saves energy
- B-0107-C Ultimate low flow spray valve with automatic shut-off
- Hold-down ring for continuous spray
- Fan jet with knife action spray
- B-0044-H-SWV 44" flexible stainless steel hose
- 1/2" NPT male adapter (055A)
- 51" (1295 mm) overall length of unit

Note: See pages A6-A8 and A49 for more information about the Swivel (018200-45)

#### B-0100-08 JeTSpray Pre-Rinse Spray Unit



#### **EPAct 2005 compliant with 1.48 GPM**

- B-0108 JeTSpray valve
- Forged brass valve body
- Designed for heavy-duty use in industrial kitchens
- Conserves water and saves energy
- Fast action stainless steel trigger with lock for continuous water flow
- Ergonomic design reduces fatigue caused by repetitive tasks
- Retrofits most pre-rinse hoses
- B-0044-H2A 44" flexible stainless steel hose
- 1/2" NPT male adapter (055A)
- 47-7/16" (1205 mm) overall length

B-0100-08C Same as B-0100-08 except with B-0108-C low flow JeTSpray valve (0.65 GPM)



Spray Valve Assemblies with the B-0107 (1.42 GPM), B-0107-C (0.65 GPM), B-0107-035 (1.42 GPM), B-0107-J (1.07 GPM), B-0108 (1.48 GPM) and B-0108-C (0.65 GPM) Spray Valves comply with EPAct 2005







- Pre-rinse spray assembly with swivel (018200-40) at base of handle for 360° rotation capability
- Consumes 33% less water than other EPAct 2005 compliant valves (at 1.6 GPM)
- Powerful cleaning capability makes pre-rinse taskes easier
- Tough baked-on foods come off faster
- Designed for heavy-duty use in industrial kitchens
- B-0107-J low flow spray valve (1.07 GPM) with automatic shut-off
- · Hold-down ring for continuous water flow
- B-0044-H-SWV 44" flexible stainless steel hose with swivel
- 1/2" NPT male adapter (055A)
- 51" (1295 mm) overall length

# B-0101 Pre-Rinse Spray with Flexible Stainless Steel Hose



- Non-EPAct 2005 compliant
- Spray valve assembly with rosespray outlet and push button automatic shut-off (002857-40)
- 013E-36H 36" flexible stainless steel hose
- 1/2" NPT male adapter (055A)
- See "Adapter Chart" p. A41 for alternate adapters
- 41-1/16" (1073 mm) overall length

B-0101-60H Same as B-0101 except with 013E-60H 60" stainless steel hose

#### B-0106 Pre-Rinse Brush Spray Unit



#### EPAct 2005 compliant with 1.42 GPM

- Simultaneous brush and spray action
- Angle spray valve (005963-40) with automatic shut-off
- Hold-down ring for continuous water flow
- Brush attachment with nylon bristles (BR-10)
- B-0044-H 44" flexible stainless steel hose
- 1/2" NPT male adapter (055A)
- 49-1/8" (1248 mm) overall length of unit

#### B-0950

Flexible Stainless Steel Hose with Self Closing Spray Valve



#### **EPAct 2005 compliant with 1.42 GPM**

- $\bullet$  B-0107-035 (1.42 GPM) 35° angle spray valve with automatic shut-off
- Hold-down ring for continuous water flow
- B-0044-H 44" flexible stainless steel hose
- 1/2" NPT male adapter (055A)
- Overall length 49-1/8" (1248 mm) of unit
- **B-0950-01** Same as B-0950 but with B-0068-H 68" stainless steel hose
- **B-0950-54H** Same as B-0950 but with B-0054-H 54" stainless steel hose
- B-0956 Same as B-0950 but with B-0044-R 44" reinforced rubber hose



Spray Valve Assemblies with the B-0107 (1.42 GPM), B-0107-C (0.65 GPM), B-0107-035 (1.42 GPM), B-0107-J (1.07 GPM), B-0108 (1.48 GPM) and B-0108-C (0.65 GPM) Spray Valves comply with EPAct 2005

### B-0105 Spray Assembly and Faucet

#### EPAct 2005 compliant with 1.42 GPM

- Concealed mixing valve (B-0512) with 3/8" NPT inlets and 3" (76 mm) centers
- Four arm faucet handles (175F) with color coded indexes
- B-0044-H 44" flexible stainless steel hose
- B-0107 spray valve (1.42 GPM)
- Wall hook outlet (B-0104) with 3/8" NPT female inlet

Note: This unit requires separate check valves.

### Check Valves for B-0105

Furnished in rough brass

B-CVH3-8 for horizontal or vertical use, 3/8" NPT female



### B-0165 Utility Hose and Spray Assembly

#### EPAct 2005 compliant with 1.42 GPM

- For use with pre-rinse units
- Diverter valve (B-0155-LN)
- B-0104-H 104" flexible stainless steel hose
- 90° swivel adapter (034A)
- B-0107-035 angle spray valve with automatic shut-off
- Hanger hook to hang hose and spray valve out of the way (B-0166)
- 3/8" NPT male fits standard pre-rinse base faucets
- 9' overall length of hose and spray unit



### B-0160 Deck Mounted Base Faucet

### EPAct 2005 compliant with 1.42 GPM

- Single hole deck-mount base faucet (014207-40)
- 18" (457 mm) flexible inlets with 5/8" compression /1/2" NPSM male couplings
- Eterna cartridges with spring checks
- B-0044-H 44" flexible stainless steel hose
- 90° swivel adapter (034A)
- B-0107-035 angle spray valve with automatic shut-off
- Dummy wall hook (B-0104-D) holds hose when not in use



#### B-0165-C35-68H Washdown Hose Unit for Pre-Rinse Units

- Includes add-on faucet with quarter-turn cartridge and four-arm handle
- Add-on faucet controls flow to washdown hose; not a full shut-off
- B-0068-H stainless steel hose connects to 90° swivel adapter (034A)
- B-0107-C35 angle low-flow spray valve (0.65 GPM)
- B-0166 hanger hook with chrome plated screws
- 3/8" NPT male inlet fits standard T&S rigid base faucets





#### B-0167 Spray Unit with Mixing Control Valve

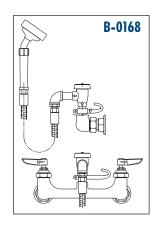
#### EPAct 2005 Non-Compliant

- 8" wall-mount mixing faucet (002832-40)
- EB-0068-H 68" flexible stainless steel hose with blue handle
- EB-0107-035 angle spray valve with automatic shut-off
- Lever handles with color coded indexes
- Finger hook holds hose when not in use (004R)
- Eterna cartridges with spring checks to prevent cross flow of water
- 72" (1829 mm) overall length of hose and spray unit
- Atmospheric vacuum breaker (B-0968)
- 1/2" NPT female eccentric flanged inlets (00AA)

Note: Installation Kit sold separately; order B-0230-K (see Parts Kits section, p. G9).

This is an **EPAct 2005 Non-Compliant** spray valve





MODEL	SPRAY VALVE / GPM	HOSE / LENGTH	BASE FAUCET	NOTES
B-0167	EB-0107-035	EB-0068-H 68"	8" wall-mount with Vacuum Breaker	B-0968 atmospheric vacuum breaker; EPAct 2005 Non-Compliant
B-0167-01	B-0107-035 (1.42 GPM)	B-0054-H 54"	8" wall-mount with 90° swivel adapter (034A)	B-0970-01 in-line vacuum breaker; EPAct 2005 Compliant
B-0168	Angle sprayhead w/out self- closing valve (005969-40)	B-0068-H 68"	8" C/C Wall-mount with Vacuum Breaker	EPAct 2005 Compliant

### B-0169 Wall Mounted Base Faucet

#### **EPAct 2005 compliant with 1.42 GPM Spray Valve**

- Single hole, single temperature wall-mount faucet and vacuum breaker (B-0968)
- Eterna cartridge with four-arm handle and blue color coded index
- B-0068-H 68" flexible stainless steel hose
- B-0107-035 (1.42 GPM) 35° angle spray valve with automatic shut-off
- Finger hook holds hose when not in use (004R)
- 1/2" NPT female inlet





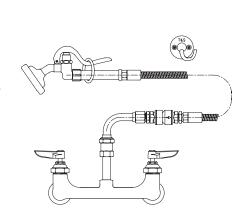
MODEL	SPRAY VALVE / GPM	HOSE / LENGTH	VACUUM BREAKER	NOTES
B-0169	B-0107-035 (1.42 GPM)	B-0068-H 68"	B-0968 3/8" NPT	Finger hook (004R)
B-0169-01	B-0107-035 (1.42 GPM)	B-0096-H 96"	B-0970-FE Inline	B-0166 wall hook
B-0169-102C-96H	(009937-40) 90° spray nozzle with 2.2 GPM aerator	B-0096-H 96"	B-0970-FE Inline	B-0166 wall hook; see illus. above
B-0170	Angle spray head w/out self- closing valve (005969-40)	B-0068-H 68"	B-0968 3/8" NPT	Finger hook (004R)

### Faucets and Spray Valve Assemblies using the redesigned B-0107-035 Spray Valve (1.42 GPM) comply with EPAct 2005.

#### B-0167-HH Wall Mounted Base Faucet

#### **EPAct 2005 compliant with 1.42 GPM Spray Valve**

- 8" (203 mm) wall-mount mixing faucet (002832-40)
- Eterna cartridges with spring checks and lever handles with color coded indexes
- B-0044-H 44" flexible stainless steel hose
- 90° swivel adapter (034A)
- B-0107-035 (1.42 GPM) angle spray valve
- B-0970-01 vacuum breaker
- B-0104-D wall hook supplied with two screws
- 1/2" NPT female eccentric flanged inlets (00AA)





#### EPAct 2005 compliant with 1.42 GPM Spray Valve

- 8" (203 mm) wall-mount mixing faucet (002832-40)
- Add-on faucet with 12" (305 mm) swing nozzle (062X) and stream regulator outlet
- Eterna cartridges with spring checks and lever handles with color coded indexes
- B-0104-H 104" flexible stainless steel hose
- B-0107-035 (1.42 GPM) 35° angle spray valve with automatic shut-off
- 90° swivel adapter (034A)
- Hanger hook holds hose when not in use (B-0166)
- 108" (2743 mm) overall length of hose and spray unit
- 1/2" NPT female eccentric flanged inlets (00AA)

Note: Use a B-0970-01 when a vacuum breaker is needed. Installation Kit sold separately; order B-0230-K (1 required; see Parts Kits section, p. G9).





MODEL	MODEL SPRAY VALVE / GPM HOSE / LENGTH ADD-ON FAUCET		VACUUM Breaker	NOTES	
B-0175	B-0107-035 (1.42 GPM)	B-0104-H 104"	B-0155-LN w/12" swing nozzle (062X) w/ stream regulator	N	
B-0175-01	-0175-01 B-0107-035 (1.42 GPM) B-0096-H 96" B-0155-LN w/ 8" swing nozzle (060X), stream regulator		B-0970-01	Quick-disconnect on hose	
B-0175-02	B-0107-035 (1.42 GPM)	B-0096-H 96"	B-0155-LN w/ 8" swing nozzle (060X), stream regulator	B-0970-01	
B-0175-03	B-0107-035 (1.42 GPM)	B-0104-H 104"	B-0155-LN w/ 12" swing nozzle (062X), stream regulator	B-0970-01	
B-0175-CR	B-0107-035 (1.42 GPM)	B-0104-H 104"	B-0155-CR-LN w/ 12" swing nozzle (062X), stream regulator	N	Ceramic cartridges on base faucet and add-on faucet
B-0176	B-0107-035 (1.42 GPM)	B-0104-H 104"	B-0155-LN w/ 12" swing nozzle and B-0199-01 aerator (2.2 GPM)	N	Single hole deck-mount mixing faucet w/ 18" flex. inlets w/ 5/8" compression / 1/2" NPSM male couplings
B-0176-ER	B-0107 (1.42 GPM)	В-0060-Н 60"	B-0155-LN w/ 18" swing nozzle (065X), stream regulator	B-0970-01	Single hole deck-mount mixing faucet w/ 18" flex. inlets w/ 5/8" compression / 1/2" NPSM male couplings; optional 10" riser



#### Spray Valve Assemblies using the redesigned B-0107 Spray Valve (1.42 GPM) comply with EPAct 2005

20

#### **B-0177 Faucet with Swing Nozzle** and Spray Unit



• 8" (203 mm) deck-mount mixing faucet (002829-40)

 Add on faucet with 12" (305 mm) swing nozzle (B-0156)

B-0080-H 80" flexible stainless steel hose

 Angle spray head attached at end of the hose (005969-40)

- Vacuum breaker (B-0968)
- Manual on-off control to spray head
- B-0104-D wall hook holds hose when not in use
- 1/2" NPT female eccentric flanaed inlets (00AA)

Note: Order B-0425 Installation Kit when necessary; (2 required, see Accessories section, p. 18).

#### **B-1410**

**Flexible Stainless Steel Hose** and Quick-Connect Spray Head

#### EPAct 2005 compliant with 1.42 GPM Spray Valve

- Quick-connect squeeze valve with automatic shut-off (B-1420)
- Quick-connect spray head (B-1421)
- 3" (75 mm) spray pattern at 30" (762 mm) from spray head
- B-0044-H 44" flexible stainless steel hose
- 1/2" NPT male inlet (055A)
- 49-3/4" (1264 mm) overall length of unit



#### **B-1411**

#### **Flexible Stainless Steel Hose** and Quick-Connect Jet Head

- Quick-connect squeeze valve with automatic shut-off (B-1420)
- 1" (25 mm) diameter spray pattern at 30" (762 mm) from squeeze valve
- Quick-connect iet head (B-1422)
- B-0044-H 44" flexible stainless steel hose
- 1/2" NPT male inlet (see "Adapter Chart," right, for alternate adapters)
- 48" (1219 mm) overall length of unit



#### B-0178 **Faucet with Swing Nozzle** and Spray Unit

#### **EPAct 2005 compliant with 1.42 GPM Spray**

- 8" (203 mm) deck-mount base faucet
- Add on faucet with 12" (305 mm) swing nozzle (B-0156)
- B-0020-H 20" flexible stainless steel
- B-0107 spray valve
- 1/2" NPT female eccentric flanged inlets (00AA)

Note: Order B-0425 Installation Kit when necessary; (2 required, see Accessories section, p. 18).



#### B-1412 Flexible Stainless Steel Hose and **Quick-Connect Spray Head**

- Quick-connect squeeze valve with automatic shut-off (B-1420)
- Quick-connect fan spray head (B-1423)
- B-0044-H 44" flexible stainless steel hose
- Fan spray pattern 8" (203 mm) wide by 3" (76 mm) thick at 30" (762 mm) from squeeze valve
- 1/2" NPT male inlet (see "Adapter Chart" below for alternate adapters)
- 48" (1219 mm) overall length of unit



**EPAct 2005 Non-Compliant** 

#### **Adapter Chart**

When specified, these adapters will be provided in place of the 1/2" NPT male adapter normally furnished.

	,
052A	1/4" NPT female
053A	3/8" NPT male (Chicago)
054A	3/8" NPT female
055A	1/2" NPT male
056A	1/2" NPT female
057A	3/4" NPT male
058A	3/4" NPT female
059A	Garden Hose female
172A	1/4" NPT male (Fisher)
098A	Connect two hoses —
	includes 2 washers (010476-45)

B-1420 Squeeze Valve with Quick-Connect Socket

- Automatic shut-off valve
- Accepts B-1421, B-1422, B-1423, B-1424, B-1425, B-1426, B-1427 and B-1428 outlets
- Valve attaches to flexible stainless steel hoses, reinforced PVC hoses and hose reels
- (012504-40) Blue grip handle with 3/8" NPT female inlet connects to hose reels
- (002881-40) Gray grip handle with 3/8" NPT female inlet connects to hose reels



#### **42**

#### B-1421 Quick-Connect Spray Head

#### EPAct 2005 compliant with 1.42 GPM

- 3" (76 mm) spray pattern at 30" (762 mm) from spray head
- Spray pattern same as B-0107



#### B-1423 Fan Spra<u>y Quick-Connect</u>

 8" (203 mm) wide spray pattern by 3" (76 mm) thick at 30" (762 mm) from squeeze valve



#### B-1425 Nozzle Quick-Connect

• Plain nozzle outlet



#### B-1427 Rosespray Quick-Connect



#### B-1422 Jet Quick-Connect

 1" (25 mm) diameter jet pattern at 30" (762 mm) from squeeze valve



#### B-1424

#### **Hook Nozzle Quick-Connect**

For filling pots and kettles



#### B-1426 Aerator Quick-Connect

• 2.2 GPM aerator outlet (B-0199-01)



#### B-1428 Fan Jet Spray Quick-Disconnect

# NEW! With B-0107-C Ultimate low flow spray valve (0.65 GPM)

- EPAct 2005 compliant
- Spray pattern same as B-0107-C



#### **Quick-Disconnect Coupling Set**

#### B-0452 Quick-Disconnect Coupling Set

- Stainless steel
- 1/4" NPT male plug and 3/8" NPT male socket
- When 1/4" NPT plug is removed from quick-disconnect socket, flow is automatically shut off






# B-0108 Series Ergonomic Spray Valves



Is it possible to "reinvent" something as utilitarian as a spray valve? **T&S** has — introducing the revolutionary

**B-0108 JeTSpray**, the latest in a series of innovations by **T&S Brass** for the foodservice market.

The JeTSpray is a breakthrough answer to pre-rinse tasks, and is packed with features that you'll love. It's built for comfort, with a natural contour and sure grip which fits the human hand. The JeTSpray's ergonomic design helps reduce fatigue with repetitive tasks like rinsing dishes.

- · Ergonomic design
- Fast action stainless steel trigger
- Quick change replacement parts
- Smart one-handed trigger lock
- Forged brass body
- Vandal resistant valve cap
- Enhanced maneuverability

1.48 GPM

Its fast rinsing power and EPAct 2005

compliance combine to give you power and efficiency. And the JeTSpray has been laboratory tested to over 2 million cycles, demonstrating its heavy-duty capabilities. Its "smart" one-handed lock and unlock feature saves time and makes the user more productive.

Best of all, the **JeTSpray** has the same reliability built into it that all other **T&S Brass** products have. Another innovation for the foodservice plumbing industry – from **T&S Brass**.

- Impact and crush resistant grip
  - Heat insulated touch points
    - Retrofits most commercial pre-rinse units
    - Quick change repalcement parts
    - Tested at 2 million cycles plus
    - Fastest rinsing power in its class
  - Removable screen filter





B-0108-C Low Flow JeTSpray Valve Sprayface 0.65 GPM

#### **B-0108 Models**

	B-0108	1.48 GPM
WaterSense	B-0108-C	0.65 GPM
	B-0108-H*	High-flow option

<sup>\*</sup> The B-0108-H is intended for hose reel applications and other EPAct 2005 Non-compliant usages.







## B-0156 Add-On Faucet for Pre-Rinse Units

- Adds swing nozzle faucet to pre-rinse units
- 12" (152 mm) nozzle (062X)
- Stream regulator outlet (B-PT)
- Quarter-turn Eterna cartridge
- Lever handle
- 3/8" NPT female outlet and 3/8" NPT x 3" nipple for installation on existing rigid outlet base faucets (000358-40)

Note: The B-0156 increases the height of a pre-rinse unit by approximately 4-1/4" (108 mm). Different length nozzle furnished upon request — single- or double-jointed. (See Accessories section, p. 3-4)



 -EZ and -LNEZ models include the EasyInstall "pop-and-lock" riser installation feature for quick installation







B-0156

MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	NOTES
B-0155	Eterna (1/4-turn)	6" Swing Nozzle (059X)	9-5/16"	6-9/16"	6"	B-PT Stream Regulator	
B-0155-01LN	Eterna (1/4-turn)	_	-	-	-	-	
B-0155-05	Eterna (1/4-turn)	6" Swing Nozzle (059X)	11-5/16"	8-9/16"	6"	B-PT Stream Regulator	5" (127 mm) nipple
B-0155-05CR	Cerama (1/4-turn)	6" Swing Nozzle (059X)	11-5/16"	8-9/16"	6"	B-PT Stream Regulator	5" (127 mm) nipple
B-0155-05LN	Eterna (1/4-turn)	_	_	_	-	_	Less nozzle
B-0155-064X	Eterna (1/4-turn)	16" Swing Nozzle (064X)	12-3/4"	10"	16"	B-PT Stream Regulator	
B-0155-CR	Cerama (1/4-turn)	6" Swing Nozzle (059X)	9-5/16"	6-9/16"	6"	B-PT Stream Regulator	
B-0155-CR-LN	Cerama (1/4-turn)	_	_	_	-	_	Less nozzle
B-0155-LN	Eterna (1/4-turn)	_	_	-	-	-	Less nozzle
B-0155-LNEZ	Eterna (1/4-turn)	_	_	_	_	-	EasyInstall Add-on Faucet w/ "pop-n-lock" connection for easy installation on EasyInstall faucets; less nozzle
B-0155-LNM	Eterna (1/4-turn)	_	_	-	-	-	-LN Master carton of 6
B-0155-M	Eterna (1/4-turn)	6" Swing Nozzle (059X)	9-5/16"	9-9/16"	6"	B-PT Stream Regulator	B-0155 Master carton of 6
B-0156	Eterna (1/4-turn)	12" Swing Nozzle (062X)	11-1/4"	8-1/2"	12"	B-PT Stream Regulator	
B-0156-05	Eterna (1/4-turn)	12" Swing Nozzle (062X)	13-1/4"	10-1/2"	12"	B-PT Stream Regulator	5" (127 mm) nipple
B-0156-CR	Cerama (1/4-turn)	12" Swing Nozzle (062X)	11-1/4"	8-1/2"	12"	B-PT Stream Regulator	
B-0156-EZ	Eterna (1/4-turn)	12" Swing Nozzle (062X)	10-11/16"	7-5/16"	12"	B-PT Stream Regulator	EasyInstall Add-on Faucet w/ "pop-n-lock" connection for easy installation on EasyInstall faucets
B-0156-M	Eterna (1/4-turn)	12" Swing Nozzle (062X)	11-1/4″	8-1/2"	12"	B-PT Stream Regulator	
B-0157	Eterna (1/4-turn)	18" Swing Nozzle (065X)	13-1/4"	10-9/16"	18"	B-PT Stream Regulator	
B-0157-05	Eterna (1/4-turn)	18" Swing Nozzle (065X)	15-1/4"	12-9/16"	18"	B-PT Stream Regulator	5" (127 mm) nipple
B-0157-CR	Cerama (1/4-turn)	18" Swing Nozzle (065X)	13-1/4"	10-9/16"	18"	B-PT Stream Regulator	
B-0157-M	Eterna (1/4-turn)	18" Swing Nozzle (065X)	13-1/4"	10-9/16"	18"	B-PT Stream Regulator	
B-0158	Eterna (1/4-turn)	14" Swing Nozzle (063X)	11-15/16"	9-3/16"	14"	B-PT Stream Regulator	
B-0158-CR	Cerama (1/4-turn)	14" Swing Nozzle (063X)	11-15/16"	9-3/16"	14"	B-PT Stream Regulator	





Note: Additional individual model information about these Spray Valves are in this Pre-Rinse Unit section and on the following pages



	SPRAY VALVE MODEL	DESCRIPTION	GPM (at 60 PSI)	CLEANABILITY (ASTM F2324)	KEY DIFFERENTIATOR	APPLICATION	SPRAY PATTERN	
T.	B-0107	Spray Valve	1.42	20.7 seconds	The industry standard spray	Designed for heavy use in commercial		B-0107
	B-0107-035	35° Angle Spray Valve		v a	valve with legend- ary performance	kitchens. Superior quality and great		A. C.
A C	B-0107-090	90° Angle Spray Valve			and reliability	for most general applications, and backed by decades		
	B-0107-M	B-0107 Master carton (12)				of trusted satisfac- tion		
	B-0107-QD	Quick-disconnect model						
	B-0107-C Water Serise	Ultimate Low Flow Spray Valve	0.65	20.9 seconds	Lowest flow rate of any commercial brand; is endorsed	Rinsing trays and plates without baked-on residue.		B-0107-C
	B-0107-C35	Ultimate Low Flow 35° Angle Spray Valve			by the Green Restaurant Association	Choose this spray valve when water and energy conservation are		
	B-0107-C90	Ultimate Low Flow 90° Angle Spray Valve			Endorsed by  Endorsed by  Endorsed by  ESTATION	the foremost need, but you want the B-0107 reputation		
	B-0107-CM	Master carton of -C model (12)			Secure en.com			
	B-0107-J WaterSense	NEW! Low Flow Spray Valve	1.07	18 seconds	Powerful cleaning capabiliy; combines time, water and energy savings	Clean baked-on or sticky residue while still conserving water. This spray		B-0107-J
	B-0107-J90	NEW! Low Flow 90° Angle Spray Valve			with a reduction in cleaning times	valve saves time, energy and water while cleaning stubborn residue effectively		
₩ Jél Spray	B-0108	JeTSpray Ergonomic Spray Valve	1.48	20.9 seconds	Unique ergonomic design and easy lock-down mecha- nism for reduced user fatigue and eliminated heat transfer	Designed for heavy use in commercial kitchens where employees use for for extended periods. Superior quality and great for most general applications, and comfortable and easy to use		B-0108
₩ JéTSpray	B-0108-C Water Sense	JeTSpray Low Flow Ergonomic Spray Valve	0.65	21 seconds	Lowest flow rate and most ergonomic of any commercial brand	Rinsing trays and plates without baked-on residue. Choose this spray valve when you need an ergonomic and ultra-low flow rate and where employees use for for extended periods		B-0108-C



Spray Valve Assemblies using the B-0107 Spray Valve (1.42 GPM) and the B-0108 JeTSpray Valve (1.48 GPM) comply with EPAct 2005

#### B-0107 Pre-Rinse Spray Valve

#### EPAct 2005 compliant with 1.42 GPM

- Connects directly to T&S flexible stainless steel hose with grip handle
- Designed for heavy use in commercial kitchens
- Self-closing cartridge shuts off when handle is released
- Includes hose washer and hold-down ring
- 3/4"-14 UN male thread inlet

**B-0107-M** Master Box of (12)

#### B-0107-035 Pre-Rinse Spray Valve

#### EPAct 2005 compliant with 1.42 GPM

- 35° angle spray valve head
- Connects directly to T&S flexible stainless steel hose with grip handle
- Designed for heavy use in commercial kitchens
- Self-closing cartridge shuts off when handle is released
- Includes hose washer and hold-down ring
- 3/4-14 UN male thread inlet

#### B-0107-090 Pre-Rinse Spray Valve

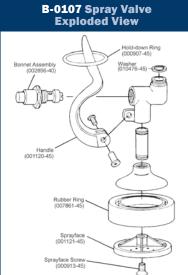
#### EPAct 2005 compliant with 1.42 GPM

- 90° angle spray valve head
- Connects directly to T&S flexible stainless steel hose with grip handle
- Designed for heavy use in commercial kitchens
- Self-closing cartridge shuts off when handle is released
- Includes hose washer and hold-down ring
- 3/4-14 UN male thread inlet

#### **DID YOU KNOW?**

Over 65 years ago, the T&S Brass **B-0107** was the first spray valve introduced to the foodservice plumbing market





#### B-0107-QD Pre-Rinse Spray Valve

#### EPAct 2005 compliant with 1.42 GPM

- Pre-rinse spray valve with quick-disconnect
- Connects directly to T&S hose reels
- Includes hose washer and hold-down ring
- Includes handle (002881-40) and stainless steel quick-disconnect (AW-5B)
- 3/8" NPT female inlet
- Requires (017960-25) adapter to connect to T&S hoses with 7/8-20 UN female ends (sold separately)

#### B-0108 JeTSpray Pre-Rinse Spray Valve

## ₩ JeTSpray

#### EPAct 2005 compliant with 1.48 GPM

- Forged brass valve body fast action stainless steel trigger
- Ergonomic design helps reduce fatique caused by repetitive tasks
- Heat insulated touch points on handle with crush resistant grip
- Vandal resistant valve cap
- Tested to two million cycles plus
- Smart one-handed trigger lock
- Removable screen filter
- Quick change replacement parts
- Ergonomic design provides comfort for long periods of use
- 7/8-20 UN male thread inlet
- Connects to T&S "-H2A" hose assemblies (without grip handle)







#### **Low Flow Pre-Rinse Spray Valves**

Pre-Rinse Units using the B-0107-C Ultimate Low Flow Spray Valve (0.65 GPM), the B-0108-C JeTSpray Valve (0.65 GPM) and B-0107-J (1.07 GPM) comply with EPAct 2005

## B-0107-C Ultimate Low Flow Spray Valve

#### EPAct 2005 Compliant Ultimate low flow spray valve with 0.65 GPM

- High performance fan jet with knife action spray
- Can be used with any T&S pre-rinse assembly instead of B-0107 spray valve
- Significantly saves water and energy
- 3/4-14 UN male thread inlet

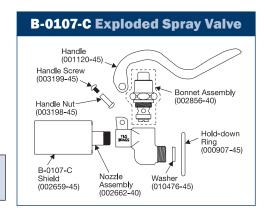
#### B-0107-C35 Low Flow Spray Valve

#### **EPAct 2005 Compliant with 0.65 GPM**

- B-0107-C with 35° angle spray valve head
- Fan jet with knife action spray
- Can be used with any T&S pre-rinse assembly instead of B-0107
- Conserves water and saves energy
- 3/4-14 UN male thread inlet



**B-0107-C90** Same as B-0107-C35 except with 90° angle spray valve



**B-0107-CM** Low flow spray

valve Master Box (12)

#### B-0107-J Low Flow Spray Valve

#### **NEW! EPAct 2005 Compliant with 1.07 GPM**

- Consumes 33% less water than other EPAct 2005 compliant valves (at 1.6 GPM)
- Powerful cleaning capability makes pre-rinse tasks easier
- Fan jet with knife action spray
- Tough baked-on foods come off faster
- Can be used with any T&S pre-rinse assembly
- Conserves water and saves energy
- 3/4-14 UN male thread inlet





B-0107-J90 Low flow 90° angle spray valve

#### B-0108-C JeTSpray Low Flow Spray Valve



WaterSens

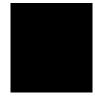
WaterSense

#### **EPAct 2005 compliant with 0.65 GPM**

- Forged brass valve body fast action stainless steel trigger
- Ergonomic design helps reduce fatique caused by repetitive tasks
- Retrofits most commercial pre-rinse units and hoses
- Heat insulated touch points on handle with crush resistant grip
- Vandal resistant valve cap
- Tested to two million cycles plus
- Smart one-handed trigger lock
- Removable screen filter
- Quick change replacement parts
- Ergonomic design provides low flow and comfort for long periods of use
- 7/8-20 UN male thread inlet
- Connects to T&S "-H2A" hose assemblies (without grip handle)







**B-0108-C Sprayface** 

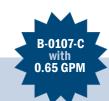






Pre-Rinse Units using the B-0107-C Low Flow Spray Valve (0.65 GPM) or the B-0108-C Low Flow JeTSpray Valve (0.65 GPM) can save you up to 100,000+ gallons of water a year!

#### Water and Energy Conservation Comparison Chart Federal Limit vs. B-0107 and B-0107-C Spray Valves



#### **Water Conservation**

#### **Assumptions:**

- 1. Any pre-rinse unit used: 300 minutes (5 hours)/day x 360 days = 108,000 min/year
- 2. Water supplied at 60 PSI: **B-0107** flows 1.42 GPM, 140°F

B-0107-C flows 0.65 GPM, 140°F, saving 0.77 GPM

The Federal Limit on spray valves is 1.60 GPM at 60 PSI

Compared to the Federal Limit GPM, using the **B-0107 saves 0.18 GPM while the B-0107-C saves 0.95 GPM** 

Water savings per year using the B-0107: 108,000 min/year x 0.18 GPM = 19,400 gal/year SAVED

Water savings per year using the B-0107-C:

 $108,000 \text{ min/year} \times 0.95 \text{ GPM} = 102,600 \text{ gal/year} \text{ SAVED}$ 

#### **Energy Conservation**

#### **Assumptions:**

1. Inlet at 65°F, outlet at 140°F

Energy Savings per year (using B-0107-C vs. Federal Limit):

Electric Water Heater (90% efficiency): 9,921 KWH/year

Natural Gas Water Heater (80% efficiency): 379 Therms/year

Fuel Oil Water Heater (80% efficiency): 460 gal oil/year

## Total Cost Savings Per Year – Using B-0107-C vs. Federal Limit

Electric Water Heater: (at 0.16 dollars/KWH)

\$1587/year

Natural Gas Water Heater: (at .78 dollars Therm)

\$295/year

Fuel Oil Water Heater: (at 2.35 dollars/gal Oil)

**\$1081/year** 





#### 018200-40 Swivel For Pre-Rinse Spray Valves

- Includes: (1) 7/8-20 UN female and male swivel (2) replacement seals
- Allows a 360° range of rotation and motion while using spray valves, reducing user fatigue
- Retrofit between hose handle and spray body
- Makes spray valve assemblies more ergonomic
- Available for use with any T&S pre-rinse spray valve
  - For B-0108 series spray valves install the swivel directly between the hose and spray valve
  - For B-0107 series spray valves install the swivel between the hose and grip handle





#### B-0104 Wall Hook Outlet

- Wall mounted hose connection with flange
- 3/8" NPT female inlet
- 3/4"-14 male hose thread on outlet

**B-0104-A** Same as B-0104 except outlet is 3/8" NPT male



#### B-0104-D Dummy Wall Hook

- Attaches to wall with screws (furnished)
- Flange diameter 2" (51 mm)
- No inlet connection



#### B-0109-01 Wall Bracket

- 6" (152 mm) wall bracket (-B models)
- Fits 3/8" pre-rinse risers
- Adjustable length by field cutting unthreaded end of pipe



B-0109-01M Master Box (12)
B-0109-01VR 6" Vandalresistant wall bracket assembly
with vandal-resistant mounting
hardware

**B-0109-02** 9" (229 mm) **B-0109-03** 12" (305 mm)

B-0109-03VR 12" Vandalresistant wall bracket assembly with vandalresistant mounting hardware **B-0109-04** 18" (457 mm) **B-0109-05** 24" (610 mm)

**B-0109-06** 3" (76 mm)

**B-0109-07** 2-3/8" (60 mm) **B-0110** Same as B-0109-01

except fits 1/2" riser **B-0159** Fits 3/4" NPT risers

#### B-0119 Riser Support

- "Bi-pod" clamp assembly
- For use where no walls are available for 3/8" riser support



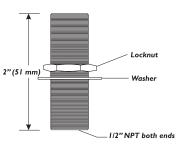
#### B-0166 Dummy Wall Hook

- Attaches to wall with screws (furnished)
- Flange diameter 2" (51 mm)
- No inlet connection



#### B-0425 1/2" Supply Nipple

**B-0425-M** Master Box (2)



#### **Other Supply Nipples:**

Supply	Nipple	Length
3/8"	B-0428	2-1/8" (54 mm)
	B-0429	3-3/8" (86 mm)
1/2"	B-0425	2" (51 mm)
	B-0426	3-3/8" (86 mm)
3/4"	B-0427	2-1/2" (64 mm)

These red brass supply nipples have tapered pipe threads on each end and a running thread between. They are used on faucets with female inlets to make up tightly to vertical or horizontal surfaces. Washer and nut included.

#### B-0970-FE Dual Check Vacuum Breaker

- Designed for continuous pressure use
- 3/8" NPT female inlet and outlet
- Polished chrome plated
- Design prevents back siphonage and back-flow
- Certified to CSA-B64.8



#### BR-10 Brush Attachment

- High-quality nylon bristle brush with rubber collar
- For B-0107 pre-rinse spray valves
- Can be supplied on many T&S spray or pre-rinse assemblies





#### B-TEE-EZK Swivel Tee Assembly

- EasyInstall swivel tee assembly
- Designed for use with T&S mixing faucets with swivel outlets
- Chrome plated

Note: See p. A17 for more information about this model



Note: Swivel to Rigid Star Washer Included



#### B-KF Built-in Protective Flange

- For use when a disappearing hose arrangement is desired
- Flange fits 1-9/16" (40 mm) hole
- Fits surfaces up to 1/8" (3 mm) thick



**B-KG** Same as B-KF but fits sheet metal 3/16" (5 mm) thick

#### SQ-0093 Wall Outlet

- 3/8" NPT flanged female inlet
- 2" (51 mm) diameter flange
- 3/4"-14 male hose thread on outlet

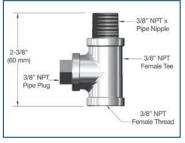


#### B-TEE-RGD Rigid Tee Assembly

- Rigid tee assembly
- Designed for use with T&S pre-rinses
- Chrome plated

Note: See p. A17 for more information about this model






A 50











## **G-11** General Product Catalog

#### **Table of Contents**

# RELIABILITY BUILT IN

#### Pot, Kettle and Glass Fillers – B **INTRODUCTORY PAGES NEW FEATURED T&S PRODUCTS** Glass Fillers and Water Stations with Water Filtration B3-4 **NEW!** Glass Fillers and Water Stations with Water Filtration ......B3-6 • Glass Fillers/Water Stations with Water Filtration B3-5 • Water Filtration Components B3-6 Pot and Kettle Fillers, Glass Fillers, Range Faucets and Pot Fillers ...... B6-16 • Glass Fillers B6-8 • Pot, Kettle and Glass Fillers **B9** • Dipperwell Faucets B10 • Elevated Kettle Filling Faucets B10-11 • "Wok Wand" Faucets B12 **NEW!** Range Faucets and Pot Fillers B12-16 **NEW!** Heat-resistant Range Faucet B15 Accessory • Other Pot Filler and Spray Assemblies B17 Kettle Kaddy Spray • Big-Flo Faucets for stand alone, pre-rinse, vandal-resistant or retrofit B18-20 • Add-ons - Pantry and Mixing Faucets, Double-Joint Nozzles and Spouts B20 • Big-Flo Faucets – Flow Rates B19, 20 Find this section's Parts and Repair Kits in the new Parts Kits section (G).

#### NOTE:

A comprehensive *Index By Model or Part Number* and Page can be found in the **G-11 General Product Catalog Master Index** section (IN).

Find Hoses and other accessories for the models in this section in the *new Accessories* section (ACS).

Can't find the T&S product you're looking for?
Please visit www.tsbrass.com for a complete product listing.



# Tap Into T&S and Everpure's **NEW Tap Water Filtration Solution**

Your Assurance Of Serving the Best Tap Water

Why take a chance on serving tap water that does not meet your customer's expectations?

Tap water is one of the fastest-growing beverage orders in **U.S. restaurants.** Tap water orders currently make up to 8% of the 50 billion servings of beverages ordered in restaurants. People today are more aware of the importance of drinking water in their daily lives, so the demand for high-quality tap water is increasing.

When customers order tap water, they expect it to be good-tasting, odor-free and contaminant-free. It is truly a clear reflection of the perceived cleanliness of one's restaurant or facility.

In response to this growing trend, T&S Brass, a leading manufacturer of foodservice plumbing products, and **Everpure**, the best-known name in water filtration systems around the world, are partnering to offer an optimal solution for serving great-tasting and safe tap water to your clientele.

> We are now offering T&S glass fillers, bubblers and water stations with Everpure water filtration systems.

Besides restaurants and foodservice locales, hydration stations are becoming more and more available in public places. The reuse of personal water bottles is a growing trend; therefore the need for good-tasting tap water is a necessity.





Everpure's replaceable filter cartridge (B-WFC, left) and the docking station (B-WFDS, above)



B-1210-WFK glass filler model with water filtration system

Demand for serving goodtasting Filtered Tap Water is trending up in restaurants and other public places:

- Hydration stations
- Convenience stores
- Recreational facilities
- Outdoor activity centers
- Schools and churches
- Exercise studios/fitness centers
- Hospitals
- Airports and cruise ships

#### Additional benefits of serving the best Filtered Tap Water:

- It's more environmentally responsible than bottled water
- "Green" practices will save money for your restaurant

Also, "green-minded" customers who opt for tap water are aware they are helping to reduce the environmental impact by not ordering bottled water.

Check out our T&S/Everpure water filtration models on pages B4-6.

> "When customers receive good-tasting, odor-free and contaminant-free tap water, it is a clear reflection of the perceived cleanliness of your restaurant or facility."



submicronfill





# RELIABILITY BUILT IN

#### **Glass Fillers and Water Stations**

#### Deck Mount Pedestal Glass Fillers and Water Stations with Water Filtration

These three glass filler models include water filtration (see drawing below):

#### **B-1210-WFK**

• 8" height from base of flange to outlet

#### B-1210-01-WFK

• 10" height from base of flange to outlet

#### B-1210-12-WFK

• 12" height from base of flange to outlet

# B-1230-WFK Water Station with Water Filtration

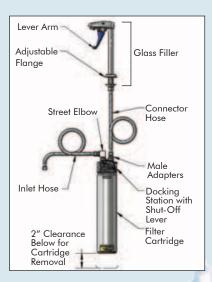
This complete solution includes pedestal glass filler, stainless steel drip pan, grid, drain and water filtration kit with supply lines



#### **Glass Filler/Water Filtration Components**

#### B-1210-WFK

This drawing illustrates a Glass Filler with Water Filtration components.
See the B-WFK for individual parts included in Water Filtration models.



#### 

# **Docking Station, Water Filter Cartridge** and **Starter Kits**

#### **FEATURES**

#### **B-WFDS** Docking Station

- Includes integral shut-off valve for easy cartridge replacement
- Includes mounting bracket and screws
- Engineered for durability, strength and longevity in foodservice applications
- Will not corrode
- Wetted parts pass NSF extraction tests
- Inlet-outlet size: 3/8" NPT female
- Accepts B-WFC water filter cartridge

# Westered drift

**B-WFDS** 

#### **B-WFC** Water Filter Cartridge

- Balanced cartridge for optimum performance in varying water conditions
- 15,000 gallon capacity
- 0.5 micron rating
- Reduces chlorine taste and odor
- NSF certified under NSF/ANSI standards 42 and 53



B-WFC

#### **B-WFK Water Filtration Starter Kit**

Includes docking station (B-WFDS), cartridge (B-WFC) and all necessary installation components:



- (1) 3/8" street elbow (148X)
- (2) 3/8" NPT x 3/8" compression male adapters (006101-45)
- (1) 20" stainless steel braided inlet hose 3/8" compression female (013146-45)
- (1) 18" stainless steel braided connector hose 3/8" compression female x 1½" NPSM (5EF-0005)
- (2) mounting screws

Additional technical information and model specs available online at www.tsbrass.com





#### **Glass Fillers with Water Filtration**

**NEW!** T&S Glass Fillers and Water Stations with Everpure water filtration system

 Provides filtered tap water to ensure good-tasting, odor-free and contaminant-free water is served in your facility





#### B-1210-WFK Glass Filler with Water Filtration

#### Glass Filler:

- B-1210 countertop mounted push back glass filler, with 2" dia. (51 mm) adjustable flange at base of pedestal
- 8" (203 mm) high from base of flange to outlet
- Torx key adjustable flow outlet
- Dark blue push back arm
- Instantaneous shut-off
- Mounted height: 9-5/16" (236 mm)

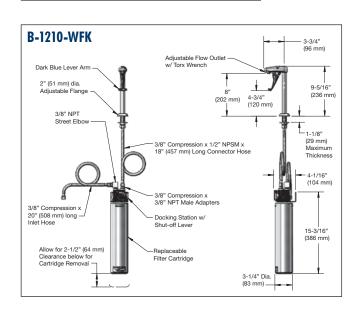
#### Water Filtration:

Includes B-WFK docking station, filter cartridge and all necessary installation components:

- (1) 3/8" street elbow (148X)
- (2) 3/8" NPT x 3/8" compression male adapters (006101-45)
- (1) 20" stainless steel braided inlet hose 3/8" compression (013146-45)
- (1) 18" stainless steel braided connector hose 3/8" compression x 1/2" NPSM (5EF-0005)
- (2) mounting screws



B-1210-01-WFK Same as B-1210-WFK except with 10" (254 mm) pedestal height B-1210-12-WFK Same as B-1210-WFK except with 12" (305 mm) pedestal height



**B-1230-WFK** 

**Water Station with Water Filtration** 

Water Station:

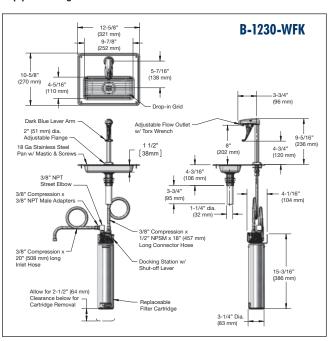
B-1230 water station with B-1210 countertop mounted push-back pedestal glass filler with 2" dia. (51 mm) adjustable flange at base of pedestal

 8" (203 mm) high from base of flange to outlet

Torx key adjustable flow outlet

- Dark blue push back arm
- Instantaneous shut-off
- Mounted height: 9-5/16" (236 mm)





#### **Water Filtration Components**

**NEW!** T&S Glass Fillers and Water Stations with Everpure water filtration system

 Provides filtered tap water to ensure good-tasting, odor-free and contaminant-free water is served in your facility



# B-WFDS Water Filtration Docking Station

- Includes integral shut-off valve for easy cartrage replacement
- Includes mounting bracket and screws
- Engineered for durability, strength and longevity in foodservice applications
- Will not corrode
- Wetted parts pass NSF extraction tests
- Inlet-outlet size: 3/8" NPT female
- Accepts B-WFC water filter cartridge
- Change cartridges on a regular 6-month preventative maintenance program
- Change cartridges when capacity is reached or when pressure decreases
- Always flush the filter cartridge at time of installation and cartridge change

#### B-WFC Water Filtration Cartridge

- Balanced cartridge for optimum performance in varying water conditions
- 15,000 gallon capacity
- 0.5 micron rating
- Reduces chlorine taste and odor
- NSF certified under NSF/ANSI standards 42 and 53
- Maximum flow rate: 2.5 GPM (9.5 LPM)
- Pressure requirements: 10 125 PSI, non-shock
- Temperature: 35 100° F (2 38° C)



#### B-WFK Water Filtration Starter Kit

Includes a B-WFDS docking station, B-WFC filter cartridge and all necessary installation components:

- (1) 3/8" street elbow(148X)
- (2) 3/8" NPT x 3/8" compression male adapters (006101-45)
- (1) 20" stainless steel braided inlet hose 3/8" compression female (013146-45)
- (1) 18" stainless steel braided connector hose 3/8" compression female x 1/2" NPSM (5EF-0005)
- (2) mounting screws



B-1210-WFK Glass Filler model with water filtration system



#### **Glass Fillers**

#### B-1200 Push Back Glass Filler

- Wall mounted, 3/8" NPT female inlet
- 2" dia. (51 mm) adjustable slip flange
- Torx key adjustable flow outlet
- 5-3/16" (131 mm) from front of filler to wall
- Dark blue push back arm
- Instantaneous shut-off



**B-1200-M** Master Box (12)

**B-1201** Same as B-1200 except without adjustable flange; 4-3/8" from front of filler to wall

#### B-1202 Push Back Glass Filler

Same as B-1200 except:

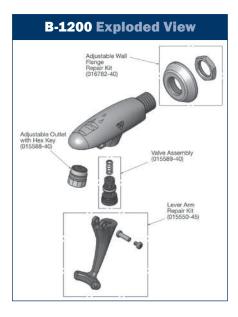
- Extended 3-3/4" (95 mm) nipple with 1/4" NPT male tailpiece for 1/4" sweat connection
- Use for mounting on ice cabinets up to 2-1/4" (57 mm) thick



#### **Glass Fillers**

All T&S Glass Fillers have:

- A dark blue actuation lever arm that allows for easy filling of pitchers and styrofoam cups
- Easy adjustment of flow control on torx key flow outlet



#### B-1210 Pedestal Push Back Single Glass Filler

- Countertop mounted glass filler
- 2" dia. (51 mm) adjustable flange on shank of pedestal
- 1/2" NPT male shank
- 8" (203 mm) base of flange to outlet
- Mounted height: 9-5/16" (236 mm)
- Torx key adjustable flow outlet
- Dark blue push back arm
- Instantaneous shut-off
  - **B-1210-01** Same as B-1210 except base of flange to outlet is 10" (254 mm)
  - **B-1210-01M** Master Box (6)
  - **B-1210-M** Master Box (6)
  - B-1210-12 Same as B-1210 except base of flange to outlet is 12" (305 mm)
  - **B-1211** Same as B-1210 except base of flange to outlet is 4" (101 mm)



#### B-1205 Push Back Glass Filler

- Wall-mount with 3/8" NPT male inlet
- Torx key adjustable flow outlet
- 4-3/8" (111 mm) from front of filler to wall
- Dark blue push back arm
- Instantaneous shut-off

**B-1204** Same as B-1205 except with 1/2" NPT male inlet

B-1205-M Master Box (12)



## B-1215 Pedestal Push Back Double Glass Filler

- Countertop mounted double glass filler
- 2" dia. (51 mm) adjustable flange on shank of pedestal
- 1/2" NPT male shank
- 8-1/4" (209 mm) base of flange to outlet
- Torx key adjustable flow outlet
- Valves mounted 180° opposite
- (2) Dark blue push back arms
- Instantaneous shut-off



#### B-1220 Pedestal Push Back Glass Filler, Female Inlet

- Countertop mounted glass filler
- 2" dia. (51 mm) deck flange
- 3/8" NPT female inlet
- Designed especially for mounting on electric water coolers
- 8" (204 mm) base of flange to outlet
- Torx key adjustable flow outlet
- Dark blue push back arm
- Instantaneous shut-off

**B-1222** Same as B-1220 except inlet is 1/2" NPT female



#### **Glass Fillers**

All T&S Glass Fillers have:

- A dark blue actuation lever arm that allows for easy filling of pitchers and styrofoam cups
- · Easy adjustment of flow control on torx key flow outlet

# B-1225 Combination Glass and Pitcher Filler

- Dual purpose unit glass filler for glasses, and 6" (152 mm) swing nozzle for pitchers (059X)
- 2" dia. (51 mm) adjustable flange on shank of pedestal
- 1/2" NPT male shank
- 8-11/16" (220 mm) base of flange to outlet
- 15-1/4" (387 mm) base of flange to outlet of pitcher filler
- 4-arm handle for water flow to gooseneck (175FC)
- Torx key adjustable flow outlet on glass filler
- Dark blue push back arm
- Instantaneous shut-off on glass filler



#### B-1230 Water Station

 10-5/8" (270 mm) x 12-5/8" (321 mm) stainless steel drip pan with drop-in grid

 B-1210 push back glass filler with 7-3/4" (197 mm) clearance from tip to pan (other heights available on request)

 Coupling nut and 1/4" (6 mm) sweat tailpiece for copper tube connection

- 2-1/4" diameter grid drain
- Drain 1-1/4" x 3-3/4" long, 17 gauge tailpiece

B-1230-12 Same as B-1230 except with 12" (305 mm) outlet height from top of pan

B-1231 Stainless steel drip pan, drop-in grid and drain



 Same as B-1230 except with 6" (152 mm) high splash guard around back and sides to prevent excess water from splashing surrounding areas



#### B-1240 Stainless Steel Drip Pan and Pedal Valve Control

- B-0507 single pedal floor mount foot valve with 1/2" NPT inlet and outlet
- B-1231 stainless steel drip pan assembly
- 5-1/2" (140 mm) rigid dummy gooseneck (124X) with 1/2" NPSM male shank
- 8-15/16" (222 mm) from tip of nozzle to pan
- Tailpiece and nut for 1/4" NPT connection included (150A)



# Drip Pan Grid Adjustable Curlet with Hea Key (015588-40) Lever Arm Pan (015581-45) Drip Pan (010123-45) Drip Pan Drain (010126-45) Adjustable Dack Flange Repair Kit (016783-40)

**B-1230 Water Station Explosion** 

#### **Adapter Chart** When specified, these adapters will be provided in place of the 1/2" NPT male adapter normally furnished. 052A 1/4" NPT female 053A 3/8" NPT male (Chicago) 054A 3/8" NPT female 1/2" NPT male 055A 1/2" NPT female 056A 057A 3/4" NPT male 3/4" NPT female 058A Garden Hose female 059A 172A 1/4" NPT male (Fisher) 098A Connect two hoses

#### **Pot, Kettle and Glass Fillers**

#### B-0102 **Pot and Glass Filler**

- Automatic shut-off valve with 90° plain end curved nozzle (002866-40)
- Hold-down ring for continuous flow of water
- B-0068-H 68" flexible stainless steel hose
- 73-5/16" (1862 mm) overall length
- 1/2" NPT male adapter (055A)



#### B-0102-B **Pot and Glass Filler**

- Same as B-0102, but with straight nozzle (002864-40)
- Hold-down ring for continuous flow of water
- 72-7/16" (1861 mm) overall length
- 1/2" NPT male adapter (055A)



#### **B-0107-A Filler Valve Unit**

- Automatic shut-off valve with straight nozzle and 2.2 GPM aerator (B-0199-01)
- Hold-down ring for continuous flow of water (not shown)
- 3/4-14 UN male threads
- Not rated for commercial warewashing



- Squeeze valve with quick-connect socket and automatic shut-off valve (B-1420)
- Quick connect hook nozzle (B-1424)
- Hold-down ring for continuous flow of water
- B-0068-H 68" flexible stainless steel hose
- 76-5/16" (1938 mm) overall length of unit
- 1/2" NPT male inlet adapter (055A)



#### B-0102-A **Pot Filler Hose Assembly**

- Automatic shut-off valve with plain end hook nozzle for use on large pots and steam kettles (002851-40)
- Hold-down ring for continuous flow of water
- B-0068-H 68" flexible stainless steel hose
- 75-1/2" (1918 mm) overall length
- 1/2" NPT male adapter



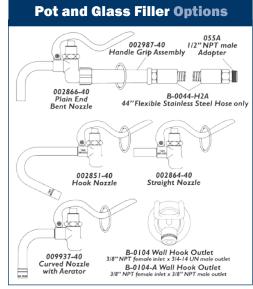
#### B-0102-C **Pot and Glass Filler with Aerator**

- Same as B-0102, but with B-0199-01 2.2 GPM aerator outlet (009937-40)
- Hold-down ring for continuous flow of water
- 73-5/16" (1863 mm) overall length
- 1/2" NPT male adapter (055A)



#### **B-0107-B Spray Valve Unit**

- Automatic shut-off valve with straight nozzle and rosespray outlet
- Hold-down ring for continuous flow of water (not shown)
- 3/4-14 UN male threads
- Not rated for commercial warewashing







#### **Dipperwell Faucets**

#### **B-2282 Dipperwell Faucet**

- 6-1/16" (154 mm) overall height
- ]-]
- 2-3
- 2-5
- 1/2 5/
- Als

11/16" (43 mm) clearance 3/4" (70 mm) shank 5/16" (58 mm) nozzle reac 2" NPSM shank with sweat 16" tubing so available with flow cont	t fitting for	
Model No. Flow (GPM)		
B-2282- <b>F03</b> 0.25		
B-2282- <b>F05</b> 0.40	To order:	
	Calact flam dacina	J

#### B-2282-F07 0.70 B-2282-F10 0.90 B-2282-F12 1.20 B-2282-F15

B-2282-F20

Select flow desired, then add suffix to model number.

Ex.: B-2282-F03 for 0.25 GPM

#### 006678-45 **Dipperwell Bowl**

- Keeps ice cream scoops and paddles clean and sanitized
- Stainless steel removable internal cup and outer bowl
- 1-1/2" (38 mm) brass tailpiece drain
- Sits flush with table top
- Drains quickly and easily



- **B-2282-01** Includes B-2282 Dipperwell faucet and 006678-45 Dipperwell bowl
- B-2282-01-F05 Same as B-2282-01 except with 0.40 GPM flow tower
- **B-2282-01-M10** Master pack includes (10) B-2282-01 faucet and bowl assemblies

#### **Elevated Kettle Filling Faucets**

#### B-0270 **Double Pantry Faucet with Elevated Swing Nozzle**

1.40

2.00



- Single hole deck-mount mixing ( faucet (B-0300-LN)
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or 1/2" NPSM male thread)
- 18" (457 mm) swing nozzle (065X)
- Swivels from top
- 3/8" NPT 18" riser (000369-40)
- 27-15/16" (710 mm) clearance
- Lever handles with color coded indexes
- 1-1/8" (29 mm) diameter shank

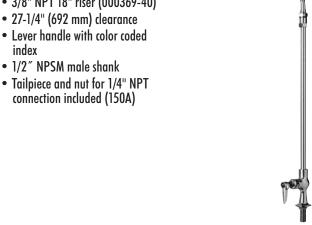


- B-0270-144XVF22 18" (456 mm) swing nozzle (065X), vandal resistant aerator and 6" (152 mm) riser, 15-15/16" (405 mm) clearance
- **B-0271** 12" (305 mm) swing nozzle (062X), 25-1/4" (641 mm) clearance

#### **B-0275 Single Pantry Faucet with Elevated Swing Nozzle**



- Single hole, single temperature faucet (B-0305-LN)
- 18" (457 mm) swing nozzle (065X)
- Swivels from top
- 3/8" NPT 18" riser (000369-40)
- 27-1/4" (692 mm) clearance
- Lever handle with color coded index
- 1/2" NPSM male shank
- connection included (150A)



- **B-0276** 12" (305 mm) swing nozzle (062X), 25-3/4" (654 mm) clearance
- B-0277 6" (152 mm) swing nozzle (059X), 24-1/2" (622 mm) clearance

#### **Elevated Kettle Filling Faucets**

#### **B-0281 Deck Faucet with Elevated Swing Nozzle**



- 8" (203 mm) deck-mount faucet (B-0320-LN)
- 12" (305 mm) swing nozzle (062X)
- Swivels from top
- 3/8" NPT 18" riser (000369-40)
- 25-1/4" (641 mm) clearance
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)



#### B-0541 **Deck Mounted Elevated Nozzle Unit**

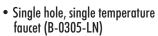
- 1-11/16" dia. (43 mm) rigid deck-mount base flange (B-0430)
- 6" (152 mm) swing nozzle (059X)
- 3/8" NPT 18" riser (000369-40)
- Swivels from top
- 21-11/16" (550 mm) clearance
- 1/2" NPSP male inlet
- Tailpiece and nut for 1/4" NPT connection included (150A)



**B-0542** 12" (305 mm) nozzle (062X), 22-3/4" (578 mm) clearance

#### B-0319-01 Single Pantry Faucet with Elevated Double-Joint Swing Nozzle





- 18" (457 mm) double-joint swing nozzle
- Swivels from top
- 13-1/4" (337 mm) clearance
- Lever handle with color coded index
- 1/2" NPSM male shank
- Tailpiece and nut for 1/4" NPT connection included (150A)



**B-0319-03** Same as B-0319-01 except with 24" double-joint swing nozzle, 15-11/16 (398 mm) clearance

**B-0319-04** Same as B-0319-03 except with 18-1/4" (464 mm) clearance (see right)



#### "Wok Wand" Faucets

#### B-0575 **Back Mounted Range Faucet**

- Back mounted range faucet
- For cold water only
- 13-3/4" (349 mm) nozzle with 2.2 GPM aerator
- 3/8" NPT female inlet
- ON-OFF control with swing nozzle:
  - ON when nozzle is in center position
  - OFF when nozzle is swung to left or right



B-0576 Same as B-0575 except with 3/8" male inlet B-0577 Same as B-0575 except with 1/2" male inlet **B-0577-09** Same as B-0577 except with 8-7/8" (225 mm) nozzle length and 1/2" NPSM male inlet

#### B-0578-01 "Wok Wand" Range Faucet • Single hole wall-mount range faucet • 1/2" NPT male inlet • 2" dia. (51 mm) slip flange • 4" (102 mm) wrist action handle (B-WH4) • 13-1/2"

- (334 mm) swing nozzle with 2.2 GPM aerator (002868-40)

B-0578 Same as B-0578-01 except with 1/2" BSPT male inlet **B-0579-01** Same as B-0578-01 except with 2" dia. (51 mm)

flange with 1/2" BSPT NPT female inlet

B-0579 Same as B-0578-01 except with 1/2" BSPT female inlet

#### **B-2343 Chinese Pedestal Faucet**

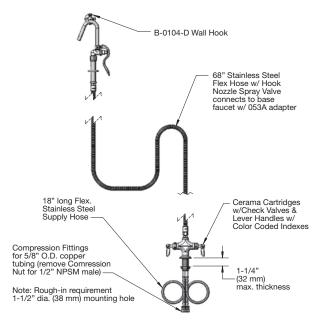
- Pedestal mounted faucet
- 1/2" NPT male shank. 2" (51 mm) long
- 9" (229 mm) swing nozzle with 2.2 GPM aerator
- 6-1/4" (159 mm) clearance
- For cold water only
- ON-OFF control with swing nozzle:
  - ON when nozzle is in center position
  - OFF when nozzle is swung to left or right

#### **Range Faucets and Pot Fillers**

#### **Pot Filler Faucet Assembly**

- B-0300-102A-CR NEW Faucet Single hole deck-mount mixing faucet
- Ceramic cartridges with integral check valves
- Lever handles with color coded indexes
- B-0068-H 68" flexible stainless steel hose with spray valve hook nozzle (002851-40)
- 053A adapter connects to faucet
- (2) 18" long flex. stainless steel supply hose connectors, compression fittings
- Wall hook (B-0104-D)

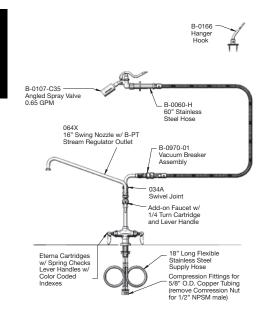
B-0300-102A Same as B-0300-102A-CR except with Eterna compression cartridges in mixing faucet



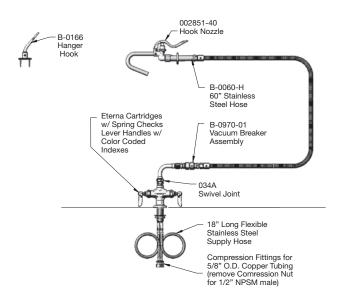


# B-0300-A16-WD Pot Filler Faucet with Spray Unit

- · Single hole deck-mount mixing faucet
- Eterna compression cartridges with integral spring checks
- Lever handles with color coded indexes
- Add-on faucet with 16" swing nozzle with stream regulator outlet (064X) and 5" (127 mm) riser
- B-0107-C35 low flow (0.65 GPM) angle spray valve
- B-0060-H 60" stainless steel hose
- 90° swivel adapter (034A)
- B-0970-01 vacuum breaker assembly
- (2) 18" long flex. stainless steel supply hose connectors, compression fittings
- Wall hook (B-0166)



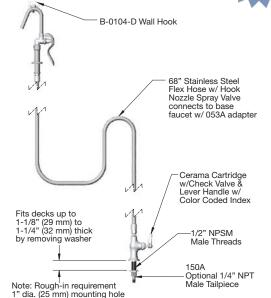
#### B-0300-PF Pot Filler Faucet Assembly



- Single hole deck-mount mixing faucet
- · Eterna cartridges with integral spring checks
- Lever handles with color coded indexes
- 90° swivel adapter (034A)
- Hook nozzle spray valve (002851-40)
- B-0060-H 60" flexible stainless steel hose
- B-0970-01 vacuum breaker assembly
- (2) 18" long flex. stainless steel supply hose connectors, compression fittings
- Wall hook (B-0166)

#### B-0305-102A-CR Pot Filler Faucet Assembly



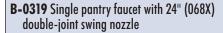


- Single control deck-mount pantry faucet
- Ceramic cartridge with integral check valve
- Lever handle with color coded index
- 1/2" NPSM male threaded shank with optional 1/4" NPT tailpiece
- Hook nozzle spray valve (002851-40)
- B-0068-H 68" flexible stainless steel hose
- 053A adapter connects to faucet
- Wall hook (B-0104-D)

#### B-0318-02 **Pot Filler Faucet**



- Single hole, single temperature deck-mount faucet
- 360° swing nozzle with 2.2 GPM aerator (B-0199-01)
- Four-arm handle
- 1/2" NPSM male inlet with locknut and lock washer
- 14-7/8" (379 mm) clearance
- 16-3/4" (425 mm) overall height
- Tailpiece and nut for 1/4" NPT connection included (150A)







- Single hole deck-mount mixing faucet
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or 1/2" NPSM male thread)
- 90° swing nozzle with 360° rotation and 2.2 GPM aerator (B-0199-01)
- Lever handles with color coded indexes
- 15" (381 mm) overall height



#### B-0580 **Pot Filler**

- Wall-mount 18" (457 mm) double-ioint nozzle (002848-40) with 2" dia. (51 mm) adjustable flange and 1/2" NPT female inlet
- Heat-resistant on-off volume control grip on nozzle end (035A)
  - B-0581 Same as B-0580 except with 24" (610 mm) double-joint nozzle (002872-40)
  - **B-0585** Deck-mounted with 18" (457 mm) double-joint nozzle (002848-40) and swivel body with 1/2" NPT female inlet (000590-25)
  - **B-0584** Deck-mounted with 24" (610 mm) double-joint nozzle (002872-40) and swivel body with 1/2" NPT female inlet (000590-25)

#### B-0590 Pot Filler Faucet







- Heat-resistant on-off volume control grip on nozzle end (035A)
- Tailpiece and nut for 1/4" NPT connection included (150A)

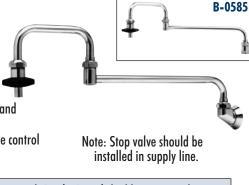
**B-0591** same as B-0590 except with 24" (610 mm) double-joint nozzle (002872-40)

#### B-0592 **Pot Filler Faucet**

- Single hole, single temperature wallmount faucet
- 18" (457 mm) double-joint nozzle (002848-40)
- 2" dia. (51 mm) flange with 1/2" NPT female inlet
- Heat-resistant on-off volume control grip on nozzle end (035A)

**B-0592-CR** Same as B-0592 except with ceramic cartridges **B-0594** Same as B-0592 except with 24" (610 mm) doublejoint nozzle (002872-40)







#### B-0597 Pot Filler Faucet



- 8" (203 mm) wall-mount mixing faucet
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)
- 18" (457 mm) double-joint nozzle (002848-40)
- Heat-resistant on-off control grip on tip of nozzle end (035A)

**B-0597-CR** Same as B-0592 except with ceramic cartridges **B-0597-EE** Same as B-0597 except with 1/2" NPT 00EE male inlets

#### B-0599-CR Pot and Kettle Filler

- Wall-mounted mixing faucet
- 18" double joint swing nozzle (002848-40)
- 1/2" NPT adjustable wall flange female inlets (00GG) adjustable from 2-1/4" to 8-1/4"
- Cerama cartridges with check valves
- Lever handles with color coded indexes

#### B-0598 Pot Filler Faucet



- 8" (203 mm) wall-mount mixing faucet
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)
- 24" (610 mm) double-joint nozzle (002872-40)
- Heat-resistant on-off control grip on tip of nozzle end (035A)

#### B-0600 Pot and Kettle Filler

- Wall-mount with 2" (51 mm) flange and 1/2" NPT female inlet
- Vacuum breaker (B-0968) on swivel outlet
- B-0068-H 68" flexible stainless steel hose
- Hook nozzle with spray valve (002851-40)
- · Hold down ring for continuous flow of water

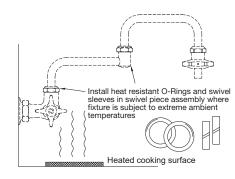
**B-0601** same as B-0600 except without spray valve; hook nozzle attaches directly to end of hose



#### **Range Faucet Accessory**

#### 067-HR Heat Resistant O-Rings and Swivel Sleeves

- (2) heat resistant 'O'-rings and (2) heat resistant swivel sleeves can be installed for extreme temperature applications
- Parts are rated for 325° F maximum exposure
- Can be added to any faucets with a doublejointed nozzle with heat-resistant on-off control grip





## B-0605 Pot and Kettle Filler

- Wall-mount single temperature faucet
- 2 " dia. (51 mm) flange with 1/2" NPT female inlet
- Vacuum breaker on outlet (B-0968)
- B-0068-H 68" flexible stainless steel hose
- Hook nozzle spray valve (002851-40)
- Hold-down ring for continuous flow of water

**B-0606** same as B-0605 except without (002851-40) spray valve; hook nozzle attaches directly to end of hose



#### B-0610 Pot and Kettle Filler

- 8" (203 mm) wall-mount mixing faucet
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)
- Vacuum breaker (B-0968)
- B-0068-H 68" flexible stainless steel hose
- Hook nozzle spray valve (002851-40)
- Hold-down ring for continuous flow of water
- Eterna cartridges with integral spring checks to prevent crossflow of water
- **B-0610-36H** same as B-0610 except with B-0036-H 36" flexible stainless steel hose
- B-0610-CC-H108 same as B-0610 except with 108" flexible stainless steel hose and 1/2" NPT male inlet flanges (00CC)
- **B-0610-JJ** same as B-0610 except with 1/2" NPT integral loose key stop inlets (00JJ)
- **B-0611** same as B-0610 except without (002851-40) spray valve; hook nozzle attaches directly to end of hose



#### **Kettle Kaddy Spray Stanchions**

All models:

- Are free standing kettle fillers and rinsers
- Serve one to three kettles
- Easy to install Easy to clean sturdy versatile All piping concealed Any length hose furnished upon request
- For large floor mounted steam jacketed and self-contained kettles
- Base flange with three bolts holds units firmly to floor (expansion anchors included)

#### B-0180 Combination Kettle Filler and Spray Stanchion

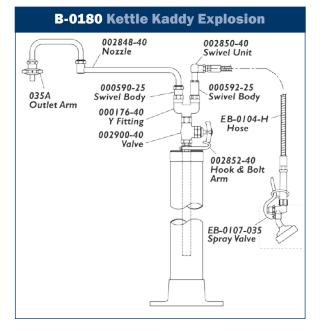
- 18" (457 mm) doublejoint nozzle (002848-40)
- Heat-resistant on-off control grip on tip of nozzle end (035A)
- B-0104-H 104" flexible stainless steel hose
- Angled spray valve (EB-0107-35)
- Tee swivels
- Hook attachment for hanging hose when not in use (002856-40)
- 1/2" NPT connection
- Single water service
- Chrome plated stanchion
- 49" (1245 mm) overall height

**B-0182** Same as B-0180 except with hot and cold valves and 1/2" check valves (2)

#### Check Valve for B-0180

B-CVH1-2 for horizontal or vertical use, 1/2" NPT female







#### **Kettle Kaddies / Pot and Kettle Fillers**

#### B-0190 **Combination Kettle Filler** and Spray Stanchion

- EB-0068-H 68" flexible stainless steel hose with hook nozzle spray valve (012952-40)
- EB-0104-H 104" flexible stainless steel hose
- Angled spray valve (EB-0107-35)
- Chrome plated stanchion
- Swivel tee
- Hook attachment for hanging hose when not in use (002852-40)
- 1/2" NPT connection
- Single water service
- 44" (1118 mm) overall height

#### Check Valve for B-0192, B-0193

B-CVH1-2 for horizontal or vertical



use, 1/2" NPT female

B-0192 Same as B-0190 except both hot and cold valves

- **B-0193** Same as B-0192 except with in-line vacuum breakers (B-0970-01) at swivel tee ends
- **B-0196** Same as B-0190 except with a continuous pressure vacuum breaker (B-0970-01) at hose connection

#### **B-2312 Pot Filler with Quick-Disconnect**

- 8" (203 mm) wall-mount mixing faucet
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)
- Vacuum breaker (B-0968)
- B-0044-H 44" flexible stainless steel hose
- Quick-disconnect spray valve with EB-1421, B-1422 and B-1424 quick-disconnect spray heads
- Hold down ring for continuous flow of water
- Eterna cartridaes with integral spring checks to prevent crossflow of water



#### B-0195 **Kettle Filler Hose Stanchion**

- Hook nozzle spray valve (012952-40)
- EB-0068-H 68" (1727 mm) flexible stainless steel hose
- Hook attachment for hanging hose when not in use (002852-40)
- Single water service
- 1/2" NPT connection
- 44" (1118 mm) overall height

**B-0187** Same as B-0195 except with hot and cold valves and 1/2" check valves (2)

**B-0188** Same as B-0187 except with a continuous pressure vacuum breaker (B-0970-01) at hose connection



#### **B-2331**

#### **Combination Pot Filler and Spray Assemblies**

- 8" (203 mm) wall-mount mixing faucet
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)
- Two in-line vacuum breakers (B-0970-FE)
- Two wall hooks (B-0166)
- Two EB-0144-H 144" flexible stainless steel hoses
- EB-0107-035 angled spray valve (1.42 GPM)
- · Hook nozzle spray valve (012952-40)
- Swivel tee
- Eterna cartridges with integral spring checks to prevent crossflow of water



#### **Big-Flo Add-On Faucets and Faucets for Pot Sinks and Kettles**

#### **B-0286-LNEZ Big-Flo EasyInstall Add-On Faucet Assembly**

- For use with B-0290 Big-Flo series faucets
- 3/8" NPT female pre-rinse unit connection
- 6-1/4" tall x 5-3/8" deep
- Four-arm handle (002521-45)
- Furnished with serrated lock washer for nonswivel installation in base fuacet
- Outlet accepts Big-Flo swing nozzles



#### **B-0287 Big-Flo Pre-Rinse** with Add-On Faucet

- EasyInstall 8" (203 mm) wall-mount Big-Flo mixing faucet with integral check valves (002840-40CV)
- Four-arm handles with color coded indexes
- EasyInstall B-0286-LNEZ addon faucet with 12" (305 mm) swing nozzle (114X)
- 3/8" NPT 18" riser (000369-40)
- B-0044-H 44" stainless steel hose
- B-0107 spray valve (1.42 GPM)
- 3/4" NPT short elbows (00LL)
- 3/4" NPT female eccentric flanged inlets (00BB)

**B-0287-427-B** Same as B-0287 except with B-0427 inlet supply nipples and 6" (152 mm) wall bracket (B-0109-01)



#### **Big-Flo Faucets for Pot Sinks and Kettles**

Note: Aerators are not available on Big-Flo series faucets

#### B-0289 **Big-Flo Faucet**



- EasyInstall 8" (203 mm) wall-mount Big-Flo faucet with integral check valves (002840-40CV)
- Big-Flo cartridges (006482-40)
- EasyInstall Bia-Flo add-on faucet (B-0286-LNEZ) with 18" (457 mm) Big-Flo swing nozzle (115X)
- 034A swivel adapter
- B-0104-H 104" flexible stainless steel hose
- B-0107-035 angled spray valve (1.42 GPM)
- 3/4" NPT female eccentric flanged inlets (00BB)
- 3/4" NPT short elbows (00LL) included
- Finger hook (004R)



**B-0284** Same as B-0289 except with 12" (305 mm) swing nozzle (114X)

#### **B-0290 Big-Flo Faucet**



- 3/4" NPT short elbows (00LL)
- 12" (305 mm) Big-Flo swing nozzle (114X)
- Four-arm handles (002521-45) with color coded indexes
- 1-1/4" (32 mm) diameter holes required in backsplash
- 3/4" NPT female eccentric flanged inlets (00BB)

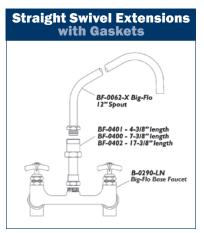


- **B-0290-01** Same as B-0290 except with 16" Big-Flo swing nozzle (015297-40) and lever handle
- B-0290-04 Same as B-0290 except with 4" wrist-action handles with color coded indexes
- **B-0290-14** Same as B-0290 except with 14" (356 mm) Big-Flo swing nozzle
- **B-0290-LN** Same as B-0290 except less nozzle
- B-0291 Same as B-0290 except with 18" (457 mm) Big-Flo swing nozzle (115X)
- **B-0292** Same as B-0290 except with 24" (610 mm) double-joint swing nozzle (116X)



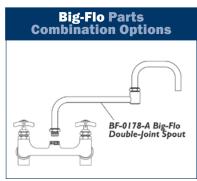
**Big-Flo Faucets for Pot Sinks and Kettles** 

# Big-Fio Accessories B-0348 Swivel to Rigid Adopter By-034A Swivel Adopter Assembly



NEV

Resistant Model!



#### **Big-Flo Flow Rates**

#### B-0290, B-0291, B-0293 and B-0294

Inlet Pressure When Water Is Flowing	Either Hot or Cold Sides Open	Both Hot and Cold Sides Open
30 PSI	18 GPM	31 GPM
40 PSI	22 GPM	41 GPM
50 PSI	27 GPM	46 GPM

#### B-0292 and B-0295

Inlet Pressure When Water Is Flowing	Either Hot or Cold Sides Open	Both Hot and Cold Sides Open
30 PSI	17 GPM	28 GPM
40 PSI	21 GPM	33 GPM
50 PSI	24 GPM	37 GPM

#### B-0290-PRISON Big-Flo Faucet

- 8" (203 mm) wall-mount Big-Flo mixing faucet
- Big-Flo cartridges
- 3/4" NPT short elbows (00LL)
- 12" (305 mm) Big-Flo swing nozzle (114X)
- Chrome plated brass lever handles (010027-40) with color coded indexes
- Vandal-resistant handle screws (VRS-1)
- 3/4" NPT female eccentric flanged inlets (00BB)

#### B-0296 Big-Flo Faucet

- Single hole single temperature deck-mount Big-Flo faucet
- 1/2" NPT female inlet
- Includes B-0425 supply nipple kit
- 12" (305 mm) Big-Flo swing nozzle (114X)
- Four-arm handles (002521-45)
- 8-7/16" (214 mm) clearance



- **B-0296-LN** Same as B-0296 except less nozzle
- **B-0297** Same as B-0296 except with 18" (457 mm) swing nozzle (115X); 10-1/2" (267 mm) clearance
- B-0298 Same as B-0296 except with 24" (610 mm) double joint swing nozzle (116X)

#### B-0293 Big-Flo Faucet



- 8" (203 mm) deck-mount Big-Flomixing faucet
- Big-Flo cartridges (006482-40)
- 3/4" NPT female flanged elbow inlets (00YY)
- 12" (305 mm) Big-Flo swing nozzle (114X)
- Four-arm handles (002521-45) with color coded indexes
- **B-0293-01** Same as B-0293 except with two 3/4" NPT male supply nipple kits (B-0427)
- **B-0293-14** Same as B-0293 except with 14" (356 mm) Big-Flo swing nozzle and (2) 3/4" NPT male supply nipple inlet kits (B-0427)
- **B-0294** Same as B-0293 except with 18" (457 mm) swing nozzle (115X); 8-7/8" (225 mm) deck to outlet of nozzle
- **B-0295** Same as B-0293 except with 24" (610 mm) double joint swing nozzle (116X); 9-1/8" (232 mm) from deck to outlet of nozzle



#### Big-Flo Faucets for Pot Sinks and Kettles / Vandal-Resistant Big-Flo Faucets

Note: Aerators are not available on Big-Flo series faucets



#### **Big-Flo Flow Rates**

B-0296, B-0297, B-0298

Inlet Pressure When Water Is Flowing	Valve Open
20 PSI	5.1 GPM
30 PSI	6.3 GPM
40 PSI	7.3 GPM
50 PSI	8.1 GPM
60 PSI	8.7 GPM

#### B-0296-BKT Kettle Filler Faucet

- Single hole single temperature deck-mount Big-Flo faucet
- 1/2" NPT female inlet
- Includes B-0425 supply nipple kit
- 12" (305 mm) Big-Flo swing nozzle (114X)
- Four-arm handles (002521-45)
- Includes stainless steel mounting bracket (018122-45)

#### BF-0176 Big-Flo Faucet

- Single hole single temperature deck-mount Big-Flo faucet
- 12" (305 mm) swing nozzle (114X)
- EB-0060-H 60" (1524 mm) flexible stainless steel hose
- EB-0107-035 angled spray valve
- Finger hook (004R)





#### **Big-Flo Double Joint Nozzles and Spouts**

#### BF-0178-A Big-Flo Double Joint Nozzle

- For use on all Big-Flo faucets
- 6-1/2" (165 mm) front section with plain end outlet (BF-0153-X)
- 12" (305 mm) back section (118X)
- Overall length 18-1/2" (470 mm)

**BF-0153-X** Double-joint nozzle front section only 6-1/2" (165 mm) **116X** 24" (610 mm) Big-Flo double-joint swing nozzle

#### BF-0135-X Big-Flo Swivel Gooseneck

- Plain end outlet
- 6-1/16" spread
- 8" (228 mm) clearance
- Overall height 12-3/4" (324 mm)

**BF-0136-X** Same as BF-0135-X except has 12-1/4" (311 mm) clearance and 17" (432 mm) overall height



#### 114X Big-Flo Swing Nozzle

- 12" (305 mm) spout
- Plain end outlet
- 4" (102 mm) clearance



BF-0062-X 12" (305 mm) swing nozzle with 3-7/8" (98 mm) clearance
115X 18" (457 mm) Big-Flo swing nozzle with 6-1/16" (153 mm) clearance

# **Faucets and Components**

















#### **G-11** General Product Catalog

#### **Table of Contents**

# RELIABILITY BUILT IN"

#### Faucets and Components - • **NEW T&S PRODUCTS** New Charts with our expanded line of T&S water-saving faucet models and B-1100 Workboard Faucets C15-36 Expanded line of Standard and Modular Waste Valves C36-42 T&S Product Adaptability ...... C3 Sink and Pantry Faucets Swivel Sink and Pantry Faucets • Base Faucets and Nozzle Combination Charts / Models C4-8 **NEW!** Water-Saving Faucet models • Base Faucet Models and Charts – with Swing Nozzles, Double-Joint Nozzles, Cast Spouts and Swivel Goosenecks C9-C22 Rigid Sink and Pantry Faucets • Base Faucets and Rigid Gooseneck Charts / Models C22-C25 Workboard Faucets and Nozzles .. C26-36 Base Workboard Faucets and Nozzle Combination Charts / Models C26-27 **NEW!** Water-Saving Faucet models • Base Faucet Models and Charts – with Swing Nozzles and Swivel C28-36 Goosenecks Waste Valves and Accessories ...... C36-42 • Twist, Lever and Specialty models C36-C37 and Accessories **NEW!** Modular Waste Valve models and Accessories C38-C42 **Looking for Nozzles, Aerators, Goosenecks and Handles?**

#### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the G-11 General Product Catalog Master Index section (IN).

See Our NEW Accessories section in the G-11

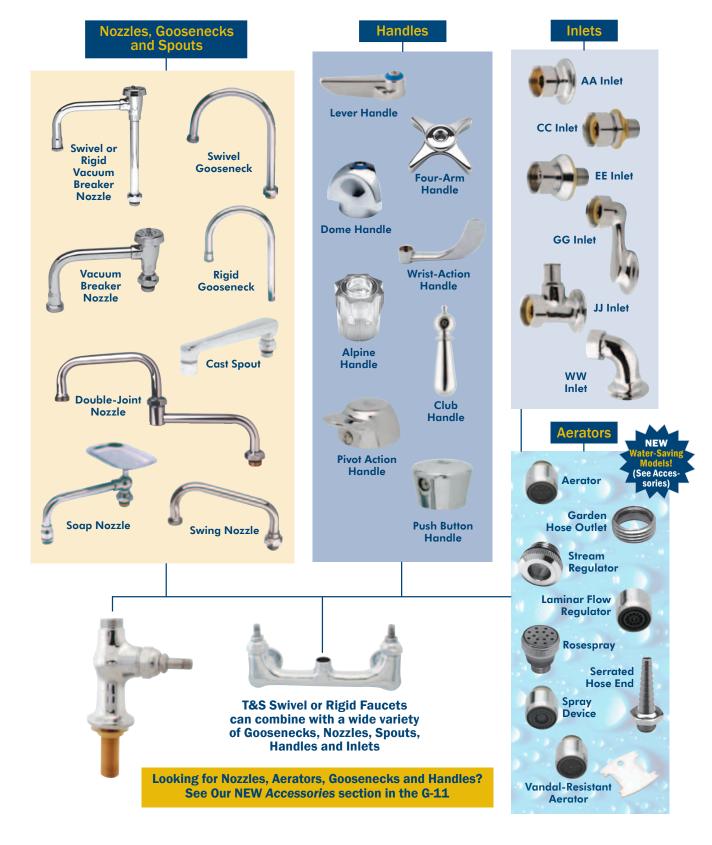
Can't find the T&S product you're looking for?
Please visit www.tsbrass.com for a complete product listing.



#### **Product Adaptability**

T&S Brass offers unparalleled product adaptability! Our base faucets, nozzles, aerators, goosenecks, spouts, handles and inlet options mean many combinations of T&S components are available as models or modifications. You will find what you need in the base faucet model tables in this *Faucets and Components* section. See our *Swivel Faucet and Nozzle Combination Charts* on pages C4-8 and *Workboard Faucet and Nozzle Combination Charts* on pages C26-27.

Please note that handles, inlets, nozzles, goosenecks, spouts and a comprehensive line of standard and water-saving outlets shown in this section are detailed in the NEW Accessories section in the G-11 Catalog.



B-0200-LN

Lever handles

male thread)

• 1-1/8" (25 mm) dia. shank

B-0202-CR Cerama cartridges

**C**T&S

B-0201-CR Cerama cartridges

**B-0201-M** Master Box (6)

**Swivel Base Faucet** 

Single hole deck-mount mixing faucet

18" flexible inlet hoses (compression)

fittings for 5/8" OD tubing or 1/2" NPSM



These base faucets are not equipped with spring check cartridges and they are not for use with pre-rinse units.

#### Base **Faucets**



This combination has parts which must be ordered separately.

1-800-476-4103 (East Coast) 1-800-423-0150 (West Coast)

#### **Nozzles**

#### **Swing Nozzle**

#### **059X** 6" (152 mm)

• With B-PT stream regulator outlet

#### **060X** 8" (203 mm)

• With B-PT stream regulator outlet

#### **061X** 10" (254 mm)

• With B-PT stream regulator outlet

#### **062X** 12" (305 mm)

• With B-PT stream regulator outlet



#### **065X** 18" (457 mm)

• With B-PT stream regulator outlet

B-0200

B-0201

B-0200-CR Cerama cartridges B-0200-CR-LN Cerama cartridges, less nozzle

B-0200-LN Less nozzle

B-0200-LNM Less nozzle Master Box (6)

**B-0200-M** Master Box (6)





#### B-0205-LN **Swivel Base Faucet**

- · Single hole, single temperature deckmount faucet
- Lever handle (cold/blue index)
- 1/2" NPSM shank
- Furnished with 1/4" NPT tailpiece (150A)



#### B-0220-LN **Deck Mixing Faucet**

- 8" deck-mount mixing faucet
- Lever handles
- 1/2" NPT female eccentric flanged female inlets (00AA)

#### B-0207

B-0206

See p. C9

B-0207-CR Cerama cartridges B-0207-CR-LS Inlet shank with shank washer and lock nut separate **B-0207-M** Master Box (6)

B-0222

B-0222-CC 1/2" NPT CC male inlets B-0222-EE 1/2" NPT EE male inlets w/ adjustable flange

B-0222-M Master Box (6)



B-0220-060X

**B-2280-060X** B-0425 supply nipples B-2280-060X-CR Cerama cartridges and B-0425 supply nipples



B-0220-061X

B-0220-EE-061X 1/2" NPT EE male inlets w/ adjustable flanges

**B-0206-01** 4-5/8" Straight swivel

B-0206-02 7-5/8" Straight swivel extension

B-0206-CR Cerama cartridges **B-0206-M** Master Box (6)

#### B-0221

B-0221-CC 1/2" NPT CC male inlets B-0221-CC-CR -CC and Cerama cartridges

B-0221-CR Cerama cartridges B-0221-EE 1/2" NPT EE male inlets

w/ adjustable flange

**B-0221-KK** 1/2" NPT KK male 45° anale flanae

**B-0221-M** Master Box (6)

B-0221-WH4 Wrist-action handles

**B-2280** B-0425 supply nipples

B-2280-CR Cerama cartridges and B-0425 supply nipples

B-0205-CR-LN Cerama cartridges, less nozzle

B-0205-LN Less nozzle

B-0205

**B-0205-LNM** -LN Master Box (6)

**B-0205-M** Master Box (6)

B-0220

B-0220-CC 1/2" NPT CC male inlets B-0220-CR-LN Cerama cartridges,

less nozzle

B-0220-EE 1/2" NPT EE male inlets

w/ adjustable flange

B-0220-EELN -EE less nozzle B-0220-LN Less nozzle

**B-0220-LNCC** -CC less nozzle

B-0220-LNCCM -LNCC Master Box (6)

B-0220-LNM -LN Master Box (6) **B-0220-M** Master Box (6)

Same Base Faucets cont. on p. C6-C7

Other nozzles for these faucets cont. on page C6





See p. C14



See p. C16-C18



See p. C19

B-0225-LN
<b>Deck Mixing Faucet</b>

- 4" deck-mount mixing faucet
- Lever handles
- 1/2" NPT female eccentric flanged female inlets (00AA)

#### **B-0230-LN Swivel Base Faucet**

- 8" wall-mount mixing faucet
- Lever handles
- 1/2" NPT female eccentric flanged female inlets (00AA)

#### B-0235-LN **Swivel Base Faucet**

- Wall-mount mixing faucet
- Lever handles
- 1/2" NPT female adjustable inlet arm flanges
- 2-1/4" (57 mm) to 8-1/4" (210 mm) centers

B-0228

B-0228-CC 1/2" NPT CC male inlets

B-0228-CR Cerama cartridges

**B-0228-M** Master Box (6)

**B-2283** B-0425 Supply nipples

**B-2283-CR** B-0425 Supply nipples, Cerama cartridges

B-0232

B-0232-BST Built-in stops B-0232-CC 1/2" NPT CC male inlets

B-0232-CC-CR 1/2" NPT CC male

inlets, Cerama cartridges

B-0232-EE 1/2" NPT EE male inlets w/ adjustable flange

B-0232-ELK 1/2" NPT supply el Kits B-0232-F1-CR-SC Cerama cartridaes with check valves, B-0199-01-F10 aerator

B-0232-M Master Box (6)

B-0237

B-0238 w/ Spring checks and garden hose outlet

B-0227

B-0227-CC 1/2" NPT CC male inlets

**B-0227-CR** Cerama cartridges

**B-0227-M** Master Box (6)



B-0226

B-0226-CC 1/2" NPT CC male

inlets

B-0230-EE-061X 1/2" NPT EE male inlets w/ adjustable flange

B-2342



B-0225

B-0225-CC 1/2" NPT CC male

B-0225-CR Cerama cartridges

B-0225-CR-LN Cerama cartridges less nozzle

B-0225-EELN -EE less nozzle B-0225-LN Less nozzle

B-0225-LNM Less nozzle Master Box (6)

**B-0225-M** Master Box (6)

B-0231

**B-0231-02** B-0230-K 1/2" NPT supply

B-0231-A22-CVH B-0199-01 aerator, (2) B-CVH1-2 1/2" NPT female check valves

B-0231-BB-CR 3/4" NPT eccentric 00BB female inlets, Cerama cartridges

**B-0231-BST** Built-in stops

B-0231-CC 1/2" NPT CC male inlets

B-0231-CC-CR -CC, Cerama cartridges **B-0231-CCM** -CC Master Box (6)

**B-0231-CR** Cerama cartridges

B-0231-CR-EK Cerama cartridges,

B-0230-K 1/2" NPT supply El kits

B-0231-CR-KIT Cerama cartridges, B-0230-K 1/2" NPT supply El kit,

24" flex. hoses (2)

**B-0231-CR-M** Master Box (6)

B-0231-CR-SC Cerama w/ check valves B-0231-EE 1/2" NPT EE male inlets

w/ adjustable flange

**B-0231-EE-A22** -EE w/ B-0199-01

B-0231-EE-A22CR -EE w/ B-0199-01

aerator, Cerama cartridges

B-0231-EE-CR -EE, Cerama cartridges **B-0231-EEM** -EE Master Box (6)

**B-0231-M** Master Box (6)

**B-0231-VF22-EL** B-0199-06 VR aerator, B-0230-K 1/2" NPT supply

B-0231-WH4 Wrist-action handles

B-0236

B-0236-CR Cerama cartridges B-0236-CR-063X Cerama

cartridges, 14" swing nozzle (063X)

B-0236-M Master Box (6)

B-2283-065X B-0425 Supply nipples

B-0230

B-0230-02 2.2 GPM aerator

B-0230-14-CR-SC 14" Swing nozzle (063X), Cerama cartridges w/ check valves

**B-0230-BST** Built-in stops

B-0230-CC 1/2" NPT CC male inlets B-0230-CC-CR -CC, Cerama

cartridaes B-0230-CCLN -CC less nozzle

B-0230-LNCCM -LNCC Master Box (6) B-0230-CR Cerama cartridges B-0230-CR-02 Cerama cartridges,

2.2 GPM aerator

B-0230-CR-LN Cerama cartridges less nozzle

B-0230-CR-WH4 133X swivel goose neck, Cerama cartridges, 4" Wrist-action handles

B-0230-EE 1/2" NPT EE male inlets w/ adjustable flange

B-0230-EELN -EE less nozzle B-0230-LN Less nozzle

**B-0230-LNM** Less nozzle Master Box (6) **B-0230-M** Master Box (6)

B-0230-TZ-CR-SC Cerama w/ check valves (2), B-TEE-EZK EasyInstall accessory tee assembly

B-0235

B-0235-CC 1/2" NPT CC male

B-0235-LN Less nozzle B-0235-LNM Less nozzle

Master Box (6)

These base faucets are not equipped with spring check cartridges and they are not for use with pre-rinse units.

#### **Base**

This combination has parts which must be ordered separately.

1-800-476-4103 (East Coast) 1-800-423-0150 (West Coast)

**Nozzles** 

cont. from p. C4-C5

**Double-Joint Nozzle** 

**066X** 12" (305 mm)

• With B-PT stream regulator outlet



**068X** 18" (457 mm)

See p. C9

#### **B-0200-LN Swivel Base Faucet**

- Single hole deck-mount mixing faucet
- Lever handles
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or 1/2" NPSM male thread)
- 1-1/8" (25 mm) dia. shank



B-0205-LN

**Swivel Base Faucet** 

• Single hole, single temperature

Lever handle (cold/blue index)

• Furnished with 1/4" NPT tailpiece

deck-mount faucet

• 1/2" NPSM shank

See p. C10

# See p. C11-C13

B-0220-LN

#### **Deck Mixing Faucet**

- 8" deck-mount mixing faucet
- Lever handles
- 1/2" NPT female eccentric flanged female inlets (00AA)

• With B-PT stream regulator outlet

**067X** 15" (381 mm)



• With B-PT stream regulator outlet

B-0252

B-0251

B-0250

B-0257

(150A)

B-0256

B-0247

B-0246

B-0255

B-0245

#### **Cast Nozzle**

#### **OCS6** 6" (152 mm)

With 2.2 GPM aerator (B-0199-02)



B-0208 (see p. C9) B-0208-CR Cerama cartridge B-0208-CR-HW Lever handle w/ red index (hot), B-LT stream regulator



#### **Swivel Gooseneck**

#### 133X

- With B-PT stream regulator outlet
- 5-11/16" (144 mm)



B-0301

B-0301-01 B-0199-01 aerator, lock washer for swivel to rigid

B-0301-01-QT 1/4-turn Eterna cartridges B-0301-01QT-WS 1/4-turn Eterna cartridges, B-0199-06 -WS 1.5 GPM VR aerator

B-0301-VR B-0199-06 2.2 GPM VR aerator, VR handle and screws

B-0301-W4-QT-WS 1/4-turn Eterna cartridges, B-0199-06 -WS 1.5 GPM VR aerator, 4" Wrsit-action handles B-0301-WH4 4" Wrist-action handles

B-0306

B-0321 (see p. C15)

B-0321-CC 1/2" NPT CC male inlets **B-0321-CC-CR** 1/2" NPT CC male inlets, Cerama cartridges

B-0321-NPL B-0425 1/2" NPT male inlets

#### **Other Nozzles**

#### **Other Nozzles**

(not shown on page C8 or above)

**B-0200-44H-VB** 90° swivel elbow, Eterna cartridges w/ spring checks, angle spray valve, 44" stainless steel hose, B-0970-01 vacuum breaker

B-0200-60H-VB 90° swivel elbow, Eterna cartridges w/ spring checks, angle spray valve, 60" stainless steel hose, B-0970-01 vacuum breaker

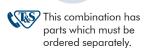
More Base Faucets for all Nozzles cont. on page C8



See p. C14  B-0225-LN  Deck Mixing Faucet  4" deck-mount mixing faucet  Lever handles  1/2" NPT female eccentric flanged	See p. C16-C18  B-0230-LN  Swivel Base Faucet  • 8" wall-mount mixing faucet • Lever handles • 1/2" NPT female eccentric flanged female inlets (00AA)	See p. C19  B-0235-LN  Swivel Base Faucet  • Wall-mount mixing faucet • Lever handles • 1/2" NPT female adjustable
female inlets (00AA)	B-0267 B-0267-BST Built-in stops	inlet arm flanges • 2-1/4" (57 mm) to 8-1/4" (210 mm) centers
C. Tas	B-0266 B-0266-BST Built-in stops B-0266-CR-SC Cerama cartridges with integral check valves	
C.TES	B-0265 B-0265-BST Built-in stops	(TES)
B-2501 (see p. C15) B-2501-CR Cerama cartridges	B-0230-01 (see p. C15) B-0230-01-QT 1/4-turn cartridges B-0234-BST Built-in stops, B-0199-02 aerator B-0234-EE 1/2" NPT EE male inlets w/ adjustable flange	B-0235-01
B-0325 B-0325-WH4 4" Wrist-Action handles	B-0331-BST Built-in stops B-0331-CC 1/2" NPT CC male inlets	B-0341
	B-0230-132XA-EL 132X swivel gooseneck, 4" wrist-action handles, B-0230-K 1/2" supply el kits (see p. C15) B-0230-134XA-CR 134X swivel gooseneck, lever handles, Cerama cartridges, optional swivel/rigid washer B-0230-135X-WH4 135X swivel gooseneck, B-LT stream regulator, 4" Wrist-action handles B-0233-01 6" Swivel soap dish nozzle (160X)  B-0233-02 8" Swivel soap dish nozzle (161X) B-0233-03 12" Swivel soap dish nozzle (162X) B-0233-04 18" Swivel soap dish nozzle (163X) B-2299 14" Swing nozzle (063X), Cerama cartridges B-0233-01 6" Swivel soap dish nozzle (163X) B-0233-04 18" Swivel soap dish nozzle (163X)	



These base faucets are not equipped with spring check cartridges and they are not for use with pre-rinse units.



1-800-476-4103 (East Coast)
1-800-423-0150 (West Coast)

See p. C11



## B-0210-LN B-0240-LN Swivel Base Faucet Combination Sink Faucet

- Single hole, single temperature wall-mount faucet
- Four-arm handle (cold) with blue index
- 1/2" NPT female flanged inlet
- Wall-mount mixing faucet
- Lever handles
- 2-1/4" (57 mm) to 8-1/4" (210 mm) centers adjustable inlet arms
- 1/2" NPT female flanged inlets
- Integral screwdriver stops

#### Nozzles

• With B-PT stream regulator outlet

**Swing Nozzle** 



**059X** 6" (152 mm)

Base Faucets

cont. from

p. C6-C7

B-0212

B-0242

**060X** 8" (203 mm)

B-0210-060X



**061X** 10" (254 mm)

(TES)

163

**062X** 12" (305 mm)

B-0211

B-0241

**065X** 18" (457 mm)

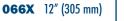
B-0210

B-0240

B-0240-LN Less nozzle

#### **Double-Joint Nozzle**

• With B-PT stream regulator outlet



B-0262

CT&S/







**068X** 18" (457 mm)

B-0260 B-0260-CR-177F Cerama cartridges w/ lever handle CT&S/

#### **Cast Nozzle**

• With 2.2 GPM aerator (B-0199-02)



ocs6

**B-0216 B-0216-177F** with lever handle

B-0243

#### **Swivel Gooseneck**

• With B-PT stream regulator outlet

133X

B-0312

B-0343





#### **Swivel Pantry Faucets**

#### B-0200 Double Pantry Faucet

- Single hole deck-mount mixing faucet
- 18" (457 mm) swing nozzle (065X)
- B-PT stream regulator (Series 1)
- Lever handles
- Eterna cartridges

- 1-1/8" (29 mm) dia. shank
- Fits sink up to 1-3/8" (35 mm) thick
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or ½" NPSM male thread)





Elerna carriages										
MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0200	Eterna	18" Swing (065X)	12-1/4" (311 mm)	9-1/2" (242 mm)	18" (457 mm)	B-PT Stream Regulator (Series 1)	-	Lever	N	
B-0200-44H-VB	Eterna with Spring Checks	90° Swivel elbow (034A)	_	_	_	B-0107-035 Angled Spray Valve	1.42 GPM	Lever	N	44" stainless steel flex hose; B-0970-01 con- tinuous pressure vacuum breaker; wall hook
B-0200-CR	Cerama	18" Swing (065X)	12-1/4" (311 mm)	9-1/2" (242 mm)	18" (457 mm)	B-PT Stream Regulator	_	Lever	N	
B-0200-CR-LN	Cerama	_	4" (102 mm)	-	_	_	-	Lever	N	Less nozzle
B-0200-LN	Eterna	_	4" (102 mm)	_	_	_	_	Lever	N	Less nozzle
B-0200-LNM	Eterna	_	4" (102 mm)	_	-	_	-	Lever	N	-LN Master carton of 6
B-0200-M	Eterna	18" Swing (065X)	12-1/4" (311 mm)	9-1/2" (242 mm)	18" (457 mm)	B-PT Stream Regulator	_	Lever	N	B-0200 Master carton of (
B-0200-44H-VB	Eterna with Spring Checks	90° Swivel elbow (034A)	_	_	_	B-0107-035 Angled Spray Valve	1.42 GPM	Lever	N	44" stainless steel flex hose; B-0970-01 con- tinuous pressure vacuum breaker; wall hook
B-0200-60H-VB	Eterna with Spring Checks	90° Swivel elbow (034A)	_	_	_	B-0107-035 Angled Spray Valve	1.42 GPM	Lever	N	60" stainless steel flex hose; B-0970-01 con- tinuous pressure vacuum breaker; wall hook
B-0201	Eterna	12" Swing (062X)	10-3/16" (259 mm)	7-1/2" (190 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	
B-0201-M	Eterna	12" Swing (062X)	10-3/16" (259 mm)	7-1/2" (190 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	N	B-0201 Master carton of (
B-0202	Eterna	6" Swing (059X)	8-1/4" (209 mm)	5-9/16" (141 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	
B-0202-CR	Cerama	6" Swing (059X)	8-1/4" (209 mm)	5-7/16" (138 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	
B-0250	Eterna	18" Double-joint Swing (068X)	10-1/4" (260 mm)	7-7/16" (189 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	N	
B-0251	Eterna	15" Double-joint Swing (067X)	10-1/4" (260 mm)	7-7/16" (189 mm)	15" (382 mm)	B-PT Stream Regulator	-	Lever	N	
B-0252	Eterna	12" Double-joint Swing (066X)	10-1/4" (260 mm)	7-7/16" (189 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	

#### B-0208 Single Pantry Faucet

- Single hole, single temperature deck-mount faucet
- 6" (152 mm) cast spout (OSC6)
- B-0199-02 (2.2 GPM) aerator (Series 2)
- · Lever handle with cold (blue) index
- Eterna cartridge



VR Vandal-resistant

- 1/2" NPSM male shank
- Fits sink up to 1-5/8" (41 mm) thick
- Includes (150A) tailpiece and nut for 1/4" NPT connection

**B-0208-CR** Same as B-0208 except with Cerama cartridges **B-0208-CR-HW** Same as B-0208-CR except with lever handle with hot (red) index and B-LT stream regulator



# B-0205 Single Pantry Faucet



- Single hole, single temperature deck-mount faucet
- 18" (457 mm) swing nozzle (065X)
- B-PT stream regulator (Series 1)
- Lever handle with cold (blue) index
- Eterna cartridge
- 1/2" NPSM male inlet
- Includes (150A) tailpiece and nut for 1/4" NPT connection







MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0205	Eterna	18" Swing (065X)	12-11/16" (323 mm)	10" (254 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	N	
B-0205-CR-LN	Cerama	-	-	-	-	-	-	Lever	N	Less nozzle
B-0205-LN	Eterna	_	_	-	_	-	_	Lever	N	Less nozzle
B-0205-LNM	Eterna	_	_	-	_	-	_	Lever	N	-LN Master carton of 6
B-0205-M	Eterna	18" Swing (065X)	12-11/16" (323 mm)	10" (254 mm)	18" (457 mm)	B-PT Stream Regulator	_	Lever	N	Master carton of 6
B-0205-44H-VB	Eterna with Spring check	90° Swivel elbow (034A)	6-3/16" (160 mm)	-	_	B-0107-035 Angled spray valve	1.42 GPM	Lever	N	44" stainless steel flex hose; B-0970-01 continuous pressure vacuum breaker; wall hook
B-0205-60H-VB	Eterna with Spring check	90° Swivel elbow (034A)	6-3/16" (160 mm)	-		B-0107-035 Angled spray valve	1.42 GPM	Lever	N	68" stainless steel flex hose; B-0970-01 continuous pressure vacuum breaker; wall hook
B-0206	Eterna	12" Swing (062X)	10-11/16" (271 mm)	7-15/16" (202 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	
B-0206-01	Eterna	12" Swing (062X)	15" (381 mm)	12-1/4" (311 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	N	4-5/8" straight swivel extension
B-0206-02	Eterna	12" Swing (062X)	17-15/16" (456 mm)	15-3/16" (386 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	7-5/8" straight swivel extension
B-0206-CR	Cerama	12" Swing (062X)	10-11/16" (271 mm)	7-15/16" (202 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	
B-0206-M	Eterna	12" Swing (062X)	10-11/16" (271 mm)	7-15/16" (202 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	Master carton of 6
B-0207	Eterna	6" Swing (059X)	8-5/8" (220 mm)	5-15/16" (151 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	
B-0207-CR	Cerama	6" Swing (059X)	8-5/8" (220 mm)	5-15/16" (151 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	
B-0207-CR-LS	Cerama	6" Swing (059X)	8-5/8" (220 mm)	5-15/16" (151 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	Inlet shank with shank washer and lock nut shipped uninstalled
B-0207-M	Eterna	6" Swing (059X)	8-5/8" (220 mm)	5-15/16" (151 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	Master carton of 6
B-0255	Eterna	18" double-joint nozzle (068X)	10-3/4" (272 mm)	7-15/16" (202 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	N	
B-0257	Eterna	12" double-joint nozzle (066X)	10-3/4" (272 mm)	7-15/16" (202 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	

#### B-0210 **Single Pantry Faucet**

- Single hole, single temperature wall-mount faucet Eterna cartridge
- 18" (457 mm) swing nozzle (065X)
- B-PT stream regulator (Series 1)
- Four-arm handle with cold (blue) index
- 1/2" NPT female flanged inlet



MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0210	Eterna	18" Swivel nozzle (065X)	10" (254 mm)	7-1/4" (184 mm)	18" (457 mm)	B-PT Stream Regulator	_	Four-arm	N	
B-0210-060X	Eterna	8" Swing nozzle (060X)	6-5/8" (168 mm)	3-7/8" (102 mm)	8" (203 mm)	B-PT Stream Regulator	-	Four-arm	N	
B-0210-LN	Eterna	_	-	_	-	_	_	Four-arm	N	
B-0210-LNM	Eterna	-	-	-	-	_	_	Four-arm	N	-LN Master carton of 6
B-0211	Eterna	12" Swing nozzle (062X)	7-15/16" (202 mm)	5-1/4" (133 mm)	12" (305 mm)	B-PT Stream Regulator	-	Four-arm	N	
B-0212	Eterna	6" Swing nozzle (059X)	6" (152 mm)	3-5/16" (84 mm)	6" (152 mm)	B-PT Stream Regulator	-	Four-arm	N	
B-0216	Eterna	6" OCS6 Cast Spout	3-1/4" (82 mm)	1-5/8" (41 mm)	6" (152 mm)	B-0199-02 aerator	2.2 GPM	Four-arm	N	
B-0260	Eterna	18" double-joint swing nozzle (068X)	8" (203 mm)	5-3/16" (132 mm)	18" (457 mm)	B-PT Stream Regulator	-	Four-arm	N	
B-0260-CR- 177F	Cerama	18" double-joint swing nozzle (068X)	8" (203 mm)	5-3/16" (132 mm)	18" (457 mm)	B-PT Stream Regulator	_	Lever	N	
B-0261	Eterna	15" double-joint swing nozzle (067X)	8-1/4" (211 mm)	5-3/4" (146 mm)	15" (381 mm)	B-PT Stream Regulator	_	Four-arm	N	
B-0262	Eterna	12" double-joint swing nozzle (065X)	8" (203 mm)	5-3/16" (132 mm)	12" (305 mm)	B-PT Stream Regulator	-	Four-arm	N	

VR Vandal-resistant

#### B-0220 **Double Pantry Faucet**

- 8" (203 mm) deck-mount mixing faucet
- 18" (457 mm) swing nozzle (065X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Eterna cartridges
- 1/2" NPT female eccentric flanged inlets (00AA)



MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0220	Eterna	18" Swing nozzle (065X)	11-15/16" (303 mm)	9-3/16" (234 mm)	18" (457 mm)	B-PT Stream regulator	_	Lever	N	
B-0220-060X	Eterna	8" Swing nozzle (060X)	8-9/16" (217 mm)	5-13/16" (148 mm)	8" (203 mm)	B-PT Stream regulator	ı	Lever	N	
B-0220-CC	Eterna	18" Swing nozzle (065X)	11-5/8" (296 mm)	8-15/16" (226 mm)	18" (457 mm)	B-PT Stream regulator	-	Lever	N	00CC 1/2" NPT male inlets
B-0220-CR-LN	Cerama	-	-	-	_	-	_	Lever	N	
B-0220-061X	Cerama	10" Swing nozzle (061X)	9-5/16" (236 mm)	6-9/16" (167 mm)	10" (254 mm)	B-PT Stream regulator	-	Lever	N	

VR Vandal-resistant Chart cont. next page

### **Swivel Pantry Faucets**

#### B-0220 Double Pantry Faucet

- 8" (203 mm) deck-mount mixing faucet
- 18" (457 mm) swing nozzle (065X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Eterna cartridges
- 1/2" NPT female eccentric flanged inlets (00AA)







#### B-0220 FAUCETS, cont.

MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0220-EE	Eterna	18" Swing nozzle (065X)	10-7/8" (276 mm)	8-1/8" (206 mm)	18" (457 mm)	B-PT Stream regulator	-	Lever	N	00EE 1/2" NPT male inlets w/ adj. flange
B-0220-EE-061X	Eterna	10" Swing nozzle (061X)	9-3/16" (233 mm)	6-1/2" (165 mm)	10" (254 mm)	B-PT Stream regulator	-	Lever	N	OOEE 1/2" NPT male inlets w/ adj. flange
B-0220-EELN	Eterna	_	-	_	-	-	-	Lever	N	Less nozzle; 00EE 1/2" NPT male inlets w/ adj. flange
B-0220-LN	Eterna	_	_	-	_	-	_	Lever	N	Less swing nozzle
B-0220-LNCC	Eterna	_	-	-	-	-	-	Lever	N	Less nozzle; 00CC 1/2" NPT male inlets
B-0220-LNCCM	Eterna	_	_	_	-	_	_	Lever	N	-LNCC Master carton of 6
B-0220-LNM	Eterna	-	-	_	-	-	_	Lever	N	-LN Master carton of 6
B-0220-M	Eterna	18" Swing nozzle (065X)	11-15/16" (303 mm)	9-3/16" (234 mm)	18" (457 mm)	B-PT Stream regulator	-	Lever	N	B-0220 Master carton of 6
B-0221	Eterna	12" swing nozzle (062X)	9-15/16" (252 mm)	7-3/16" (183 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	
B-0221-CC	Eterna	12" swing nozzle (062X)	9-9/16" (242 mm)	6-13/16" (173 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	00CC 1/2" NPT male inlets
B-0221-CC-CR	Cerama	12" swing nozzle (062X)	9-9/16" (242 mm)	6-13/16" (173 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	00CC 1/2" NPT male inlets
B-0221-EE	Eterna	12" swing nozzle (062X)	9-7/8" (250 mm)	7-1/8" (181 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	00EE 1/2" NPT male inlets w/ adjustable flange
B-0221-KK	Eterna	12" swing nozzle (062X)	9-1/4" (235 mm)	6-1/2" (165 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	OOKK 1/2" NPT male 45° panel inlet flanges
B-0221-M	Eterna	12" swing nozzle (062X)	9-15/16" (252 mm)	7-3/16" (183 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	B-0221 Master carton of 6
B-0221-WH4	Eterna	12" swing nozzle (062X)	9-15/16" (252 mm)	7-3/16" (183 mm)	12" (305 mm)	B-PT Stream regulator	-	4" Wrist- action	N	
B-0222	Eterna	6" swing nozzle (059X)	8" (203 mm)	5-1/4" (134 mm)	6" (152 mm)	B-PT Stream regulator	_	Lever	N	
B-0222-CC	Eterna	6" swing nozzle (059X)	7-5/8" (191 mm)	4-7/8" (127 mm)	6" (152 mm)	B-PT Stream regulator	-	Lever	N	OOCC 1/2" NPT male inlets
B-0222-EE	Eterna	6" swing nozzle (059X)	7-15/16" (202 mm)	5-3/16" (137 mm)	6" (152 mm)	B-PT Stream regulator	_	Lever	N	OOEE 1/2" NPT male inlets w/ adjustable flange
B-0222-M	Eterna	6" swing nozzle (059X)	8" (203 mm)	5-1/4" (134 mm)	6" (152 mm)	B-PT Stream regulator	-	Lever	N	B-0222 Master carton of 6
B-0245	Eterna	18" double-joint swing (068X)	10" (254 mm)	7-3/16" (183 mm)	18" (457 mm)	B-PT Stream regulator	-	Lever	N	
B-0246	Eterna	15" double-joint swing (067X)	10" (254 mm)	7-3/16" (183 mm)	15" (382 mm)	B-PT Stream regulator	-	Lever	N	

Chart cont. next page

VR Vandal-resistant



#### B-0220 Double Pantry Faucet





#### B-0220 FAUCETS, cont.

MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0247	Eterna	12" double-joint swing (066X)	10" (254 mm)	7-3/16" (183 mm)	12" (305 mm)	B-PT Stream regulator	1	Lever	N	
B-2280	Eterna	12" Swing nozzle (062X)	9-15/16" (252 mm)	7-3/16" (183 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	Includes (2) B-0425 1/2" NPT male supply nipple kits
B-2280-060X	Eterna	8" Swing nozzle (060X)	8-3/8" (213 mm)	5-5/8" (143 mm)	8" (203 mm)	B-PT Stream regulator	_	Lever	N	
B-2280-CR	Cerama	12" swing nozzle (062X)	9-15/16" (252 mm)	7-3/16" (183 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	Includes (2) B-0425 1/2" NPT male supply nipple kits

VR Vandal-resistant

Looking for Nozzles, Aerators, Goosenecks and Handles? See Our NEW Accessories section in the G-11


### **Swivel Pantry Faucets**

#### B-0225 Double Pantry Faucet

- 4" (102 mm) deck-mount mixing faucet
- 12" (305 mm) swing nozzle (062X)
- B-PT stream regulator (Series 1)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)





MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0225	Eterna	12" Swing nozzle (062X)	9-15/16" (252 mm)	7-1/4" (183 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	
B-0225-LN	Eterna	-	-	-	_	-	-	Lever	N	Less nozzle
B-0225-LNM	Eterna	_	_	_	_	_	_	Lever	N	-LN Master carton of 6
B-0225-M	Eterna	12" Swing nozzle (062X)	9-15/16" (252 mm)	7-1/4" (183 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	N	B-0225 Master carton of 6
B-0225-CC	Eterna	12" Swing nozzle (062X)	9-1/2" (241 mm)	6-3/4" (171 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	N	00CC 1/2" NPT male inlets
B-0225-CR	Cerama	12" Swing nozzle (062X)	9-15/16" (252 mm)	7-1/4" (183 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	N	
B-0225-CR-LN	Cerama	_	_	-	_	_	_	Lever	N	Less nozzle
B-0225-EELN	Eterna	_	_	-	_	_	_	Lever	N	OOEE 1/2" NPT male inlets w/adj. flange; less nozzle
B-0226	Eterna	10" Swing nozzle (061X)	9-5/16" (236 mm)	6-9/16" (167 mm)	10" (254 mm)	B-PT Stream Regulator	_	Lever	N	
B-0226-CC	Eterna	10" Swing nozzle (061X)	8-7/8" (225 mm)	6-1/8" (155 mm)	10" (254 mm)	B-PT Stream Regulator	-	Lever	N	00CC 1/2" NPT male inlets
B-0227	Eterna	8" Swing nozzle (060X)	8-9/16" (218 mm)	5-7/8" (149 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	
B-0227-CC	Eterna	8" Swing nozzle (060X)	7-11/16" (122 mm)	5" (127 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	00CC 1/2" NPT male inlets
B-0227-M	Eterna	8" Swing nozzle (060X)	8-9/16" (218 mm)	5-7/8" (149 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	B-0227 Master carton of 6
B-0228	Eterna	6" Swing nozzle (059X)	8" (203 mm)	6-1/4" (159 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	
B-0228-CC	Eterna	6" Swing nozzle (059X)	7-9/16" (192 mm)	4-7/8" (124 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	00CC 1/2" NPT male inlets
B-0228-CR	Cerama	6" Swing nozzle (059X)	8" (203 mm)	5-1/4" (134 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	
B-0228-M	Eterna	6" Swing nozzle (059X)	8" (203 mm)	5-1/4" (134 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	B-0228 Master carton of 6
B-2283	Eterna	6" Swing nozzle (059X)	8" (203 mm)	5-1/4" (134 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	Includes (2) B-0425 1/2" NPT male supply nipple kits
B-2283-CR	Cerama	6" Swing nozzle (059X)	8" (203 mm)	5-1/4" (134 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	Includes (2) B-0425 1/2" NPT male supply nipple kits
B-2283-065X	Eterna	18" Swing nozzle (065X)	11-15/16" (287 mm)	9-3/16" (233 mm)	18" (457 mm)	B-PT Stream Regulator	_	Lever	N	Includes (2) B-0425 1/2" NPT male supply nipple kits

### Ta

#### **Swivel Pantry Faucets**

## B-2501 Double Pantry Faucet

- 4" (102 mm) deck-mount mixing faucet
- 6" (152 mm) cast spout (OSC6)
- B-0199-02 (2.2 GPM) aerator
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)



**B-2501-CR** Same as B-2501 except with ceramic cartridges

#### B-0230-01 Double Pantry Faucet

- 8" (203 mm) wall-mount mixing faucet
- 6" (152 mm) swivel cast spout (0SC6)
- Optional swivel/rigid washer included
- B-0199-02 aerator (2.2 GPM)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)



**B-0234-EE** Same as B-0230 except with 1/2" NPT EE male inlets with adjustable flanges

#### B-0316 Pantry Faucet

- Wall-mount vertical mixing faucet
- 5-11/16" (145 mm) swivel gooseneck (133X) with B-PT stream regulator (Series 1)
- Eterna cartridges
- Four arm handles with color coded indexes
- 3" (76 mm) vertical centers
- 1/2" NPT female eccentric flanged inlets (00AA)



**B-0316-LN** Same as B-0316 except without gooseneck

#### B-0230-132XA-EL Double Pantry Faucet

- 8" (203 mm) wall-mount mixing faucet
- 2-5/8" (67 mm) swivel gooseneck with B-0199-07 (2.2 GPM) vandalresistant aerator
- Eterna cartridges
- 4" (102 mm) wrist-action handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)
- Includes a B-0230-K kit with (2) short els, supply nipples and lock nuts



- B-0230-134XA-CR Includes cerama cartridges, 134X swivel gooseneck, lever handles with color coded indexes and optional swivel/rigid washer
- B-0230-135X-WH4 Includes Eterna cartridges, 135X swivel gooseneck with B-LT stream regulator outlet and 4" wrist-action handles

#### B-0321 Double Pantry Faucet

- 8" (203 mm) deck-mount mixing faucet
- 5-11/16" (145 mm) swivel gooseneck (133X) with B-PT stream regulator (Series 1)
- Eterna cartridaes
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)



B-0321-CC Same as B-0321 except with 1/2" NPT CC male inlets
 B-0321-CC-CR Same as B-0321-CC except with Cerama cartridges
 B-0321-NPL Same as B-0321 except with B-0425, 1/2" NPT male supply nipple kit





#### B-0230 Double Pantry Faucet



- 18" (457 mm) swing nozzle (065X)
- B-PT stream regulator (Series 1)
- · Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)





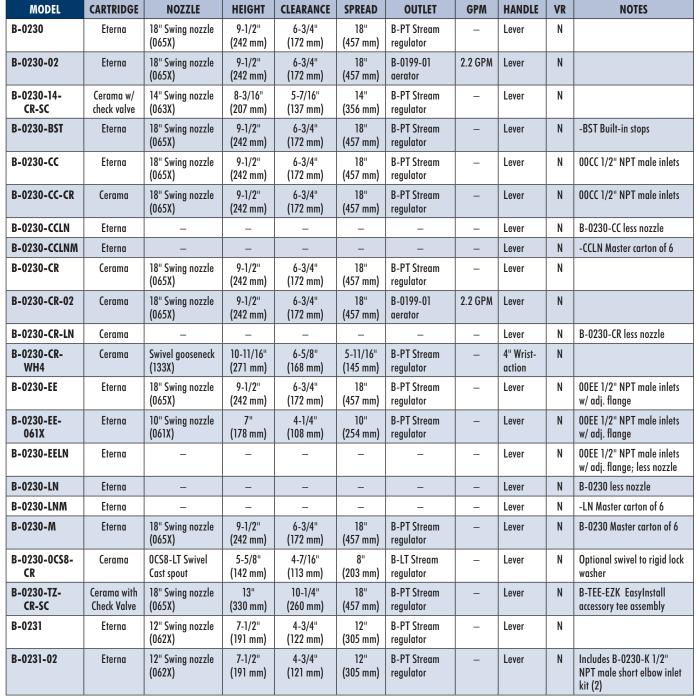


Chart cont. next page VR Vandal-resistant



#### B-0230 Double Pantry Faucet







#### **B-0230 FAUCETS, cont.**

MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0231-A22- CVH	Eterna	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	Includes (2) B-CVH1-2 1/2" NPT female check valves
B-0231-BB-CR	Cerama	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	00BB 3/4" NPT female inlet flanges
B-0231-BST	Eterna	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	1/2" BST built-in stops
B-0231-CC	Eterna	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	00CC 1/2" NPT male inlets
B-0231-CC-CR	Cerama	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	00CC 1/2" NPT male inlets
B-0231-CCM	Eterna	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	B-0231-CC Master carton of 6
B-0231-CR	Cerama	12" swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	
B-0231-CR-EK	Cerama	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	Includes B-0230-K 1/2" NPT male short elbow inlet kit (2)
B-0231-CR-KIT	Cerama	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	Includes B-0230-K 1/2" NPT male short elbow inlet kit (2) and 24" flex. hoses (2)
B-0231-CR-M	Cerama	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	B-0231-CR Master carton of 6
B-0231-CR-SC	Cerama with Check Valve	12" Swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	
B-0231-EE	Eterna	12" swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	00EE 1/2" NPT male inlets w/ adj. flange
B-0231-EE-A22	Eterna	12" swing nozzle (062X)	7-1/2" (191 mm)	4-3/8" (110 mm)	12" (305 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	00EE 1/2" NPT male inlets w/ adj. flange
B-0231-EE- A22CR	Cerama	12" swing nozzle (062X)	7-1/2" (191 mm)	4-3/8" (110 mm)	12" (305 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	00EE 1/2" NPT male inlets w/ adj. flange
B-0231-EE-CR	Cerama	12" swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	00EE 1/2" NPT male inlets w/ adj. flange
B-0231-EEM	Eterna	12" swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	-EE Master carton of 6
B-0231-M	Eterna	12" swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	B-0231 Master carton of 6
B-0231-VF22- EL	Eterna	12" swing nozzle (062X)	7-1/2" (191 mm)	4-3/8" (110 mm)	12" (305 mm)	B-0199-06 VR aerator	2.2 GPM	Lever	Υ	Includes B-0230-K 1/2" NPT male short elbow inlet kit (2)
B-0231-WH4	Eterna	12" swing nozzle (062X)	7-1/2" (191 mm)	4-3/4" (121 mm)	12" (305 mm)	B-PT Stream regulator	-	4" Wrist- action	N	
B-0232	Eterna	6" swing nozzle (059X)	5-5/8" (142 mm)	2-7/8" (74 mm)	6" (152 mm)	B-PT Stream regulator	-	Lever	N	
B-0232-BST	Eterna	6" swing nozzle (059X)	5-5/8" (142 mm)	2-7/8" (74 mm)	6" (152 mm)	B-PT Stream regulator	-	Lever	N	-BST built-in stops

VR Vandal-resistant

### **Swivel Pantry Faucets**

#### B-0230 Double Pantry Faucet

- 8" (203 mm) wall-mount mixing faucet
- 18" (457 mm) swing nozzle (065X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)





#### B-0230 FAUCETS, cont.

MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0232-CC	Eterna	6" swing nozzle (059X)	5-5/8" (142 mm)	2-7/8" (74 mm)	6" (152 mm)	B-PT Stream regulator	_	Lever	N	00CC 1/2" NPT male inlets
B-0232-CC-CR	Cerama	6" swing nozzle (059X)	5-5/8" (142 mm)	2-7/8" (74 mm)	6" (152 mm)	B-PT Stream regulator	_	Lever	N	OOCC 1/2" NPT male inlets
B-0232-EE	Eterna	6" swing nozzle (059X)	5-5/8" (142 mm)	2-7/8" (74 mm)	6" (152 mm)	B-PT Stream regulator	-	Lever	N	OOEE 1/2" NPT male inlets
B-0232-ELK	Eterna	6" swing nozzle (059X)	5-5/8" (142 mm)	2-7/8" (74 mm)	6" (152 mm)	B-PT Stream regulator	_	Lever	N	Includes B-0230-K 1/2" NPT male short elbow inlet kit (2)
B-0232-F1- CR-SC	Cerama	6" swing nozzle (059X)	5-5/8" (142 mm)	2-9/16" (65 mm)	6" (152 mm)	B-0199-01-F10	1.0 GPM	Lever	N	
B-0232-M	Eterna	6" swing nozzle (059X)	5-5/8" (142 mm)	2-7/8" (74 mm)	6" (152 mm)	B-PT Stream regulator	_	Lever	N	B-0232 Master carton of 6
B-0234-BST	Eterna	(OCS6) 6" Cast spout	3-1/8" (81 mm)	1-1/2" (38 mm)	6" (152 mm)	B-0199-02 aerator	2.2 GPM	Lever	N	-BST Built-in stops
B-0265	Eterna	18" double-joint swing nozzle (068X)	7-9/16" (191 mm)	4-3/4" (120 mm)	18" (457 mm)	B-PT Stream regulator	-	Lever	N	
B-0265-BST	Eterna	18" double-joint swing nozzle (068X)	7-9/16" (191 mm)	4-3/4" (120 mm)	18" (457 mm)	B-PT Stream regulator	-	Lever	N	-BST Built-in stops
B-0266	Eterna	15" double-joint swing nozzle (067X)	7-9/16" (191 mm)	4-3/4" (120 mm)	15" (382 mm)	B-PT Stream regulator	_	Lever	N	
B-0267	Eterna	12" double-joint swing nozzle (066X)	7-9/16" (191 mm)	4-3/4" (120 mm)	12" (305 mm)	B-PT Stream regulator	_	Lever	N	
B-0267-BST	Eterna	12" double-joint swing nozzle (066X)	7-9/16" (191 mm)	4-3/4" (120 mm)	12" (305 mm)	B-PT Stream regulator	-	Lever	N	-BST Built-in stops
B-2299	Eterna	14" Swing nozzle (063X)	8-3/16" (208 mm)	5-1/2" (140 mm)	14" (356 mm)	B-PT Stream regulator	-	Lever	N	
B-2299-CR	Cerama	14" Swing nozzle (063X)	8-3/16" (208 mm)	5-1/2" (140 mm)	14" (356 mm)	B-PT Stream regulator	_	Lever	N	
B-2342	Eterna	10" Swing nozzle (061X)	7-1/16" (179 mm)	4-5/16" (109 mm)	10" (254 mm)	B-PT Stream regulator	-	Lever	N	
B-2358	Eterna	14" Swing nozzle (063X)	8-3/16" (81 mm)	5-9/16" (141 mm)	14" (356 mm)	B-PT Stream regulator	-	Lever	N	Includes B-0425 1/2" NPT male supply nipple kits (2) and 1/2" NPT female short els

VR Vandal-resistant

# と

#### B-0233-01 Double Pantry Faucet

- 8" (203 mm) wall-mount mixing faucet
- 6" (152 mm) swivel soap dish nozzle (160X) with B-LT stream regulator (Series 2)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)





MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE
B-0233-01	Eterna	6" Swivel soap dish nozzle (160X)	4-3/8" (111 mm)	5/8" (15 mm)	6" (152 mm)	B-LT Stream Regulator	-	Lever
B-0233-02	Eterna	8" Swivel soap dish nozzle (161X)	4-3/8" (111 mm)	7/8" (22 mm)	8" (203 mm)	B-LT Stream Regulator	-	Lever
B-0233-03	Eterna	12" Swivel soap dish nozzle (162X)	4-3/8" (111 mm)	1-3/4" (43 mm)	12" (305 mm)	B-LT Stream Regulator	-	Lever
B-0233-04	Eterna	18" Swivel soap dish nozzle (163X)	4-3/8" (111 mm)	4-3/4" (121 mm)	18" (457 mm)	B-LT Stream Regulator	-	Lever

#### B-0235 Double Pantry Faucet

- Wall-mount mixing faucet
- 18" (457 mm) swivel gooseneck (065X) with B-PT stream regulator (Series 1)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female adjustable arm inlet flanges (00GG)
- Centers adjustable from 2-1/4" (57 mm) to 8-1/4" (210 mm)





MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	NOTES
B-0235	Eterna	18" Swing nozzle (065X)	9-11/16" (246 mm)	6-15/16" (176 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	
B-0235-01 (shown above)	Eterna	6" Cast spout (OCS6)	2-7/8" (72 mm)	1-15/16" (33 mm)	6" (152 mm)	B-0199-02 Aerator	2.2 GPM	Lever	
B-0235-CC	Eterna	18" Swing nozzle (065X)	9-11/16" (246 mm)	6-13/16" (173 mm)	18" (457 mm)	B-PT Stream Regulator	_	Lever	00CC 1/2" NPT Male inlets
B-0235-LN	Eterna	_	_	-	-	_	_	Lever	Less nozzle
B-0235-LNM	Eterna	_	-	-	_	_	_	Lever	-LN Master carton of 6
B-0236	Eterna	12" Swing nozzle (062X)	7-9/16" (191 mm)	4-13/16" (122 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	
B-0236-CR	Cerama	12" Swing nozzle (062X)	7-9/16" (191 mm)	4-13/16" (122 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	
B-0236-CR-063X	Cerama	14" Swing nozzle (063X)	8-1/8" (207 mm)	5-7/16" (139 mm)	14" (356 mm)	B-PT Stream Regulator	-	Lever	
B-0236-M	Eterna	12" Swing nozzle (062X)	7-9/16" (191 mm)	4-13/16" (122 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	Master carton of 6
B-0237	Eterna	6" Swing nozzle (059X)	5-1/2" (139 mm)	2-3/4" (70 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	
B-0341	Eterna	5-11/16" Swivel gooseneck (133X)	10-13/16" (275 mm)	6-11/16" (170 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	_	Lever	

### **Swivel Pantry Faucets**

#### B-0240 Double Pantry Faucet

- Wall-mount mixing faucet with integral screwdriver stops
- 18" (457 mm) swing nozzle (065X)
- B-PT stream regulator (Series 1)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female adjustable arm inlet flanges with screwdriver stops (00XX)
- Centers adjustable from 2-1/4" (57 mm) to 8-1/4" (210 mm)



MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	NOTES
B-0240	Eterna	18" Swing nozzle (065X)	9-9/16" (243 mm)	6-13/16" (174 mm)	18" (457 mm)	B-PT Stream Regulator	_	Lever	
B-0240-LN	Eterna	-	-	-	-	-	-	Lever	Less nozzle
B-0241	Eterna	12" Swing nozzle (062X)	7-9/16" (191 mm)	4-13/16" (122 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	
B-0242	Eterna	6" Swing nozzle (059X)	5-9/16" (141 mm)	2-7/8" (73 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	
B-0243	Eterna	6" Cast Spout (OCS6)	2-13/16" (71 mm)	1-3/16" (30 mm)	6" (152 mm)	B-0199-02 Aerator	2.2 GPM	Lever	
B-0343	Eterna	5-11/16" Swivel gooseneck (133X)	10-13/16" (275 mm)	6-11/16" (170 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	Lever	

#### B-0301 Double Pantry Faucet

- Single hole deck-mount mixing faucet
- 5-11/16" (145 mm) swivel gooseneck (133X)
- B-PT stream regulator (Series 1)
- Eterna cartridges
- Lever handles with color coded indexes
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or ½" NPSM male thread)
- Fits sink up to 1-1/4" thick







MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET 🤲	GPM	HANDLE	VR	NOTES
B-0301	Eterna	5-11/16" Swivel gooseneck (133X)	13-1/2" (343 mm)	9-1/2" (241 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	_	Lever	N	
B-0301-01	Eterna	5-11/16" Swivel gooseneck (133X)	13-1/2" (343 mm)	8-15/16" (228 mm)	5-11/16" (145 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	Lock washer for swivel to rigid
B-0301-01-QT	Eterna (Quarter-turn)	5-11/16" Swivel gooseneck (133X)	13-1/2" (343 mm)	8-15/16" (228 mm)	5-11/16" (145 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	Lock washer for swivel to rigid
B-0301-01QT- WS	Eterna (Quarter-turn)	5-11/16" Swivel gooseneck (133X)	13-1/2" (343 mm)	8-15/16" (228 mm)	5-11/16" (145 mm)	B-0199-06-WS VR aerator	1.5 GPM	Lever	Υ	WaterSense aerator
B-0301-VR	Eterna	5-11/16" Swivel gooseneck (133X)	13-1/2" (343 mm)	8-15/16" (228 mm)	5-11/16" (145 mm)	B-0199-06 VR aerator	2.2 GPM	Lever	Υ	Anti-rotation screws in body; VR lever handle screws; VR keys
B-0301-W4- QT-WS	Eterna (Quarter-turn)	5-11/16" Swivel gooseneck (133X)	13-1/2" (343 mm)	8-15/16" (228 mm)	5-11/16" (145 mm)	B-0199-06-WS VR aerator	1.5 GPM	4" Wrist- action	Υ	WaterSense aerator
B-0301-WH4	Eterna	5-11/16" Swivel gooseneck (133X)	13-1/2" (343 mm)	9-1/2" (241 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	4" Wrist- action	N	



#### B-0325 Double Pantry Faucet

- 4" (102 mm) deck-mount mixing faucet
- 5-11/16" (145 mm) swivel gooseneck (133X)
- B-PT stream regulator (Series 1)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)



MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0325	Eterna	5-11/16" Swivel gooseneck (133X)	13-1/4" (336 mm)	9-3/16" (231 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	Lever	N	
B-0325-A22	Eterna	5-11/16" Swivel gooseneck (133X)	13-1/4" (336 mm)	8-11/16" (221 mm)	5-11/16" (145 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	
B-0325-CC- CR	Cerama	5-11/16" Swivel gooseneck (133X)	13-3/16" (335 mm)	9-1/8" (232 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	_	Lever	N	00CC 1/2" NPT male inlets
B-0325-CC- CR-W4	Cerama	5-11/16" Swivel gooseneck (133X)	13-3/16" (335 mm)	9-1/8" (232 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	4" Wrist- action	N	00CC 1/2" NPT male inlets
B-0325-CR	Cerama	5-11/16" Swivel gooseneck (133X)	13-1/4" (336 mm)	9-3/16" (231 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	_	Lever	N	
B-0325-LN	Eterna	_	-	-	-	-	_	Lever	N	Less nozzle
B-0325-LNCC	Eterna	_	_	_	_	_	_	Lever	N	00CC 1/2" NPT male inlets, less nozzle
B-0325-NPL	Eterna	5-11/16" Swivel gooseneck (133X)	13-9/16" (344 mm)	9-1/2" (241 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	Lever	N	B-0425 1/2" NPT male supply nipple kit
B-0325-WH4	Eterna	5-11/16" Swivel gooseneck (133X)	13-1/4" (336 mm)	9-3/16" (231 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	_	4" Wrist- action	N	

VR Vandal-resistant

#### B-0331 Double Pantry Faucet

- 8" (203 mm) wall-mount mixing faucet
- 5-11/16" (145 mm) swivel gooseneck (133X)
- B-PT stream regulator (Series 1)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)





MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0331	Eterna	5-11/16" Swivel gooseneck (133X)	10-13/16" (274 mm)	6-11/16" (170 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	_	Lever	N	
B-0331-BST	Eterna	5-11/16" Swivel gooseneck (133X)	10-13/16" (274 mm)	6-11/16" (170 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	Lever	N	-BST built-in stops
B-0331-CC	Eterna	5-11/16" Swivel gooseneck (133X)	10-13/16" (274 mm)	6-11/16" (170 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	Lever	N	00CC 1/2" NPT male inlets
B-0331-CR	Cerama	5-11/16" Swivel gooseneck (133X)	10-13/16" (274 mm)	6-11/16" (170 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	Lever	N	
B-0331- VF22-EL	Eterna	5-11/16" Swivel gooseneck (133X)	10-13/16" (274 mm)	6-5/16" (160 mm)	5-11/16" (145 mm)	B-0199-06 VR aerator	2.2 GPM	Lever	Y	Includes B-0230-K 1/2" NPT male short elbow inlet kit (2); VR key

#### **B-0306 Single Pantry Faucet**

- Single hole, single temperature deck-mount faucet
- 5-11/16" (145 mm) swivel gooseneck (133X)
- B-PT stream regulator (Series 1)
- Eterna cartridge
- Lever handle with cold (blue) index
- 1/2" NPSM male shank
- Includes (150A) tailpiece and nut for 1/4" NPT connection





MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES	
B-0306	Eterna	5-11/16" swivel gooseneck (133X)	14" (356 mm)	9-7/8" (250 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	_	Lever	N		
B-0308-04	Eterna	5-11/16" swivel gooseneck (133X)	13-15/16" (354 mm)	9-7/8" (250 mm)	5-11/16" (145 mm)	B-0199-01 aerator	2.2 GPM	4" Wrist-action	N		
B-0308-04QT- WS	Eterna (Quarter-turn)	5-11/16" swivel gooseneck (133X)	13-15/16" (354 mm)	9-7/16" (240 mm)	5-11/16" (145 mm)	B-0199-06-WS VR aerator	1.5 GPM	4" Wrist-action	Υ	WaterSense aerator	
B-0308-QT	Eterna (Quarter-turn)	5-3/4" swivel goose- neck (133X-AER)	13-15/16" (354 mm)	9-7/16" (240 mm)	5-11/16" (145 mm)	B-0199-01 aerator	2.2 GPM	Lever	N		
B-0308-QT-VWS	Eterna (Quarter-turn)	5-11/16" swivel gooseneck (133X)	13-15/16" (354 mm)	9-7/16" (240 mm)	5-11/16" (145 mm)	B-0199-06-WS VR aerator	1.5 GPM	Lever	Υ	WaterSense aerator	
B-0308-QT-WS	Eterna (Quarter-turn)	5-11/16" swivel gooseneck (133X)	13-15/16" (354 mm)	9-7/16" (240 mm)	5-11/16" (145 mm)	B-0199-01-WS aerator	1.5 GPM	Lever	N	WaterSense aerator	

VR Vandal-resistant

#### B-0312 **Single Pantry Faucet**

- Single hole, single temperature wallmount faucet
- 5-11/16" (145 mm) swivel gooseneck (133X)
- B-PT stream regulator (Series 1)
- Eterna cartridge
- Four-arm handle with cold (blue) index
- 1/2" NPT female flanged inlet

### B-0346 **Double Pantry Faucet**

- 3-3/8" (86 mm) wall-mount mixing faucet
- 5-11/16" (145 mm) swivel gooseneck (133X)
- B-PT stream regulator (Series 1)
- Eterna cartridge
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)

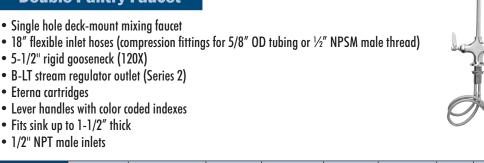


VR Vandal-resistant

### **Rigid Pantry Faucets**

#### B-0300 **Double Pantry Faucet**

- 1/2" NPT male inlets



MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0300	Eterna	5-1/2" rigid gooseneck (120X)	13-5/8" (346 mm)	8-9/16" (218 mm)	5-1/2" (140 mm)	B-LT Stream Regulator	-	Lever	N	
B-0300-CR	Ceramic	5-1/2" rigid gooseneck (120X)	13-5/8" (346 mm)	8-9/16" (218 mm)	5-1/2" (140 mm)	B-LT Stream Regulator	-	Lever	N	

Chart cont. next page

#### **Rigid Pantry Faucets**

#### B-0300 Double Pantry Faucet

- Single hole deck-mount mixing faucet
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or ½" NPSM male thread)
- 5-1/2" rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridges

- Lever handles with color coded indexes
- Fits sink up to 1-1/2" thick
- 1/2" NPT male inlets



#### **B-0300 FAUCETS, cont.**

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0300-LN	Eterna	_	ı	_	-	_	_	Lever	N	Less gooseneck
B-0300-VR	Eterna	5-1/2" rigid gooseneck (120X)	13-5/8" (346 mm)	7-15/16" (200 mm)	5-9/16" (141 mm)	B-0199-07 VR aerator	2.2 GPM	Lever	Υ	Includes anti-rotation base screws; VR handle screws; VR key
B-0300-VR4	Eterna	5-1/2" rigid gooseneck (120X)	13-5/8" (346 mm)	7-15/16" (200 mm)	5-9/16" (141 mm)	B-0199-07 VR aerator	2.2 GPM	4" Wrist- action	Υ	Includes anti-rotation base screws; VR handle screws; VR key
B-0300-WH4	Eterna	5-1/2" rigid gooseneck (120X)	13-5/8" (346 mm)	8-9/16" (218 mm)	5-1/2" (140 mm)	B-LT Stream Regulator	_	4" Wrist- action	N	

VR Vandal-resistant

#### B-0305 Single Pantry Faucet

- Single hole, single temperature deck-mount faucet
- 5-1/2" rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridge

- Lever handle with cold (blue) color coded index
- 1/2" NPSM male shank
- Includes (150A) tailpieces and nuts for 1/4" NPT connections



MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0305	Eterna	5-1/2" rigid gooseneck (120X)	14-1/16" (360 mm)	9-1/16" (230 mm)	5-1/2" (140 mm)	B-LT Stream Regulator	-	Lever	N	
B-0305-LN	Eterna	-	-	-	_	_	-	Lever	N	Less gooseneck
B-0305-VR	Eterna	5-1/2" rigid gooseneck (120X)	14-1/16" (360 mm)	8-9/16" (217 mm)	5-1/2" (140 mm)	B-0199-07 VR aerator	2.2 GPM	Lever	Υ	Includes anti-rotation base screws; VR handle screw; VR aerator key
B-0305-VR4	Eterna	5-1/2" rigid gooseneck (120X)	14-1/16" (360 mm)	8-9/16" (217 mm)	5-1/2" (140 mm)	B-0199-07 VR aerator	2.2 GPM	4" Wrist- action	Υ	Includes anti-rotation base screws; VR handle screw; VR aerator key
B-0305-01	Eterna	5-1/2" rigid gooseneck (120X)	14-1/16" (360 mm)	8-9/16" (217 mm)	5-1/2" (140 mm)	B-0199-02 aerator	2.2 GPM	Lever	N	
B-0305-03	VR Self-closing metering	5-1/2" rigid gooseneck (120X)	14-1/16" (360 mm)	8-9/16" (217 mm)	5-1/2" (140 mm)	B-0199-07 VR aerator	2.2 GPM	Lever	Υ	Includes anti-rotation base screws; VR handle screw; VR aerator key
B-0305-CR	Ceramic	5-1/2" rigid gooseneck (120X)	14-1/16" (360 mm)	9-1/16" (230 mm)	5-1/2" (140 mm)	B-LT Stream Regulator	-	Lever	N	
B-0305-LN- 175F	Eterna	_	-	_	_	_	-	Four- arm	N	Less nozzle
B-0305-QT-WS	Eterna (Quarter-turn)	5-1/2" rigid gooseneck (120X)	14-1/16" (360 mm)	8-9/16" (217 mm)	5-1/2" (140 mm)	B-0199-02-WS	1.5 GPM	Lever	N	WaterSense aerator
B-0305-VF22	Eterna	5-1/2" rigid gooseneck (120X)	14-1/16" (360 mm)	8-9/16" (217 mm)	5-1/2" (140 mm)	B-0199-07 VR aerator	2.2 GPM	Lever	Υ	VR aerator key

# 5

#### B-0310 Single Pantry Faucet

**Rigid Pantry Faucets** 

- Single hole, single temperature wall-mount faucet
- 5-1/2" (140 mm) rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridge
- Four arm handle with cold (blue) color coded index
- 2" (51 mm) flange with 1/2" NPT female inlet



B-0310-LN Same as B-0310 except less gooseneck
B-0310-119X-WS Same as B-0310 except with 119X
2-11/16" rigid gooseneck and B-0199-02-WS 1.5 GPM
WaterSense aerator

#### B-0315 Double Pantry Faucet

- Wall-mount vertical mixing faucet
- 5-1/2" (140 mm) rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridges
- Four arm handles with color coded indexes
- 3" (76 mm) vertical centers
- 1/2" NPT female eccentric flanged inlets (00AA)



B-0315-LN Same as B-0315 except less gooseneck

#### B-0320 Double Pantry Faucet

- 8" (203 mm) deck-mount mixing faucet
- 5-1/2" (140 mm) rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)



B-0320-LN Same as B-0320 except less gooseneck

#### B-0330 Double Pantry Faucet

- 8" (203 mm) wall-mount mixing faucet
- 5-1/2" (140 mm) rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridges
- · Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)



MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0330	Eterna	5-1/2" rigid gooseneck (120X)	10-7/8" (277 mm)	5-7/8" (149 mm)	5-1/2" (140 mm)	B-LT Stream Regulator	-	Lever	N	
B-0330-01	Eterna	2-5/8" rigid gooseneck (119X)	9-3/8" (238 mm)	5-7/8" (149 mm)	2-5/8" (67 mm)	B-LT Stream Regulator	-	Lever	N	
B-0330-01- W4F12	Eterna	2-5/8" rigid gooseneck (119X)	9-3/8" (238 mm)	5-5/16" (136 mm)	2-5/8" (67 mm)	B-0199-02F-12 aerator	1.2 GPM	4" Wrist-action	N	
B-0330-01- WH4	Eterna	2-5/8" rigid gooseneck (119X)	9-3/8" (238 mm)	5-7/8" (149 mm)	2-5/8" (67 mm)	B-LT Stream Regulator	-	4" Wrist-action	N	
B-0330-04	Eterna	5-1/2" rigid gooseneck (120X)	10-7/8" (277 mm)	5-7/8" (149 mm)	5-1/2" (140 mm)	B-LT Stream Regulator	_	4" Wrist-action	N	
B-0330-BST	Eterna	5-1/2" rigid gooseneck (120X)	10-7/8" (277 mm)	5-7/8" (149 mm)	5-1/2" (140 mm)	B-LT Stream Regulator	-	Lever	N	-BST built-in stops
B-0330-LN	Eterna	_	_	-	_	_	_	Lever	N	Less gooseneck
B-0330CR- PRISON	Cerama	5-1/2" rigid gooseneck (120X)	10-7/8" (277 mm)	5-7/16" (138 mm)	5-9/16" (141 mm)	B-0199-07F-10 VR aerator with flow control	1.0 GPM	Lever (solid brass chrome plated)	Υ	Includes VR handle screws; VR aerator key

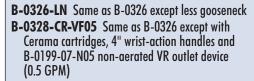
### C

### Tas

#### **Rigid Pantry Faucets**

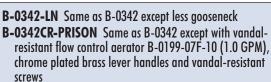
#### B-0326 Double Pantry Faucet

- 4" (102 mm) deck-mount mixing faucet
- 5-1/2" (140 mm) rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)



#### B-0342 Double Pantry Faucet

- Wall-mount mixing faucet
- 5-1/2" (140 mm) rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female inlet adjustable arms from 2-1/4" (57 mm) to 8-1/4" (210 mm) above or below C/C with built-in stops (00XX)







- Wall-mount mixing faucet
- 5-1/2" (140 mm) rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female adjustable inlet arms from 2-1/4" (57 mm) to 8-1/4" (210 mm) above or below C/C (00GG)

**B-0340-LN** Same as B-0340 except less gooseneck

#### B-0345 Double Pantry Faucet

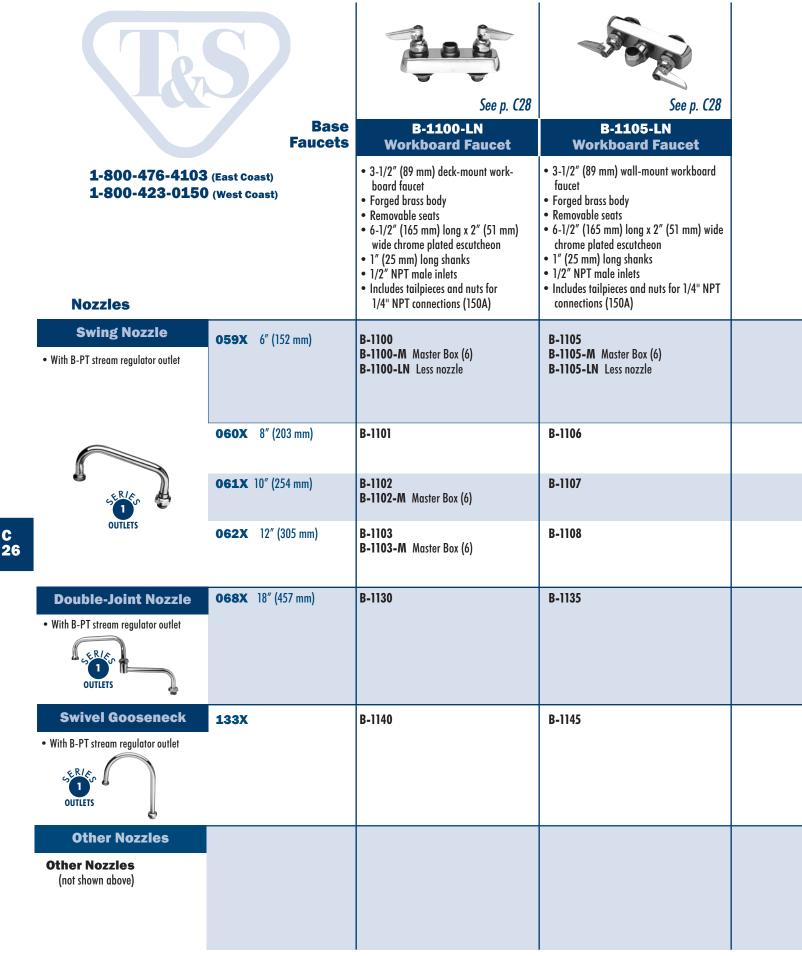
- 3-3/8" (86 mm) wall-mount mixing faucet
- 5-1/2" (140 mm) rigid gooseneck (120X)
- B-LT stream regulator outlet (Series 2)
- Eterna cartridges
- Lever handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)

**B-0345-LN** Same as B-0345 except less gooseneck

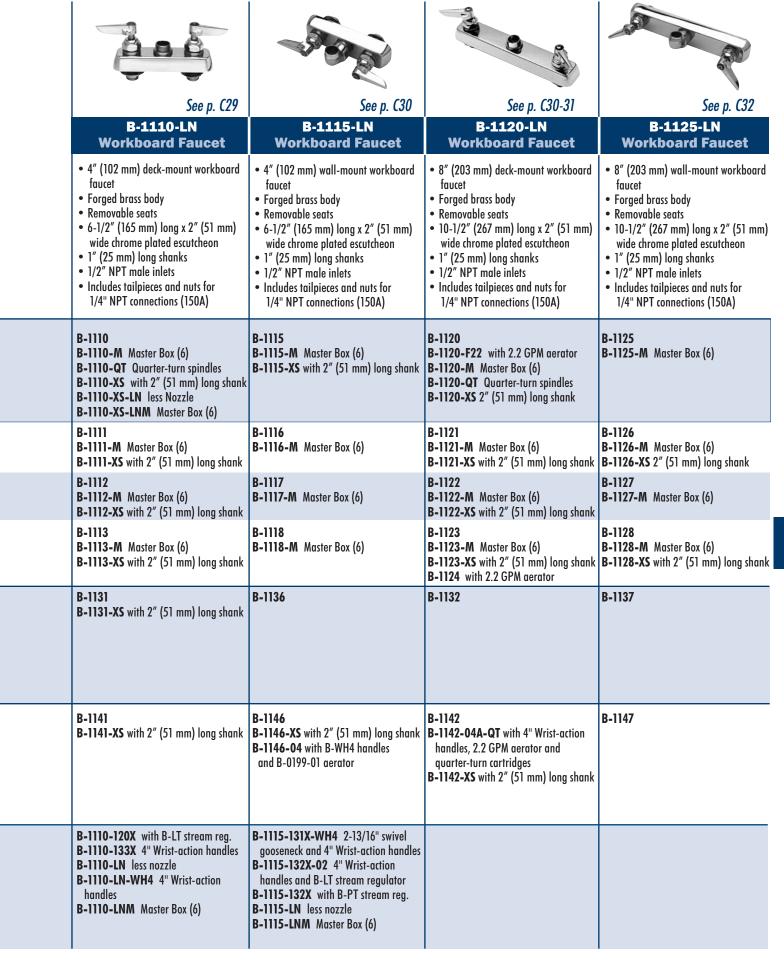


Looking for Nozzles, Aerators, Goosenecks and Handles? See Our NEW Accessories section in the G-11









## Tes

#### **Workboard Faucets**

#### B-1100 Workboard Faucet, 3½" Centers

- 3-1/2" (89 mm) deck-mount workboard faucet
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide
- 1" (25 mm) long shanks with 1/2" NPT male threads
- Includes (150A) tailpieces and nuts for 1/4" NPT connections

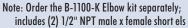


MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1100	B-1100 spindles	6" Swing nozzle (059X)	5-13/16" (148 mm)	3-1/8" (79 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	
B-1100-LN	B-1100 spindles	_	_	-	_	-	ı	Lever	N	Less nozzle
B-1100-LNM	B-1100 spindles	_	_	-	_	_	ı	Lever	N	-LN Master carton of 6
B-1100-M	B-1100 spindles	6" Swing nozzle (059X)	5-13/16" (148 mm)	3-1/8" (79 mm)	6" (152 mm)	B-PT Stream Regulator	ı	Lever	N	B-1100 Master carton of 6
B-1101	B-1100 spindles	8" Swing nozzle (060X)	6-9/16" (166 mm)	3-13/16" (97 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	
B-1102	B-1100 spindles	10" Swing nozzle (061X)	7-1/4" (184 mm)	4-1/2" (114 mm)	10" (254 mm)	B-PT Stream Regulator	-	Lever	N	
B-1103	B-1100 spindles	12" Swing nozzle (062X)	7-15/16" (202 mm)	5-3/16" (131 mm)	12" (305 mm)	B-PT Stream Regulator	ı	Lever	N	
B-1130	B-1100 spindles	18" Double-joint swing nozzle (068X)	7-15/16" (202 mm)	5-1/8" (130 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	N	
B-1140	B-1100 spindles	5-11/16" Swivel gooseneck (133X)	11-3/16" (284 mm)	7-1/16" (179 mm)	5-11/16" (145 mm)	B-PT Stream Regulator		Lever	N	

VR Vandal-resistant

#### B-1105 Workboard Faucet, 3½" Centers

- 3-1/2" (89 mm) wall-mount workboard faucet
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide
- 1" (25 mm) long shanks with 1/2" NPT male threads
- Includes (150A) tailpieces and nuts for 1/4" NPT connections





MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1105	B-1100 spindles	6" Swing nozzle (059X)	5-7/16" (137 mm)	2-11/16" (69 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	
B-1105-LN	B-1100 spindles	-	_	_	_	-	_	Lever	N	Less nozzle
B-1105-LNM	B-1100 spindles	_	_	_	_	_	_	Lever	N	-LN Master carton of 6
B-1106	B-1100 spindles	8" Swing nozzle (060X)	6" (152 mm)	3-1/4" (83 mm)	8" (203 mm)	B-PT Stream Regulator	-	Lever	N	
B-1107	B-1100 spindles	10" Swing nozzle (061X)	6-3/4" (171 mm)	4" (102 mm)	10" (254 mm)	B-PT Stream Regulator	-	Lever	N	
B-1108	B-1100 spindles	12" Swing nozzle (062X)	7-3/8" (187 mm)	4-5/8" (118 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	
B-1135	B-1100 spindles	18" Double-joint swing nozzle (068X)	7-7/16" (188 mm)	4-5/8" (118 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	N	
B-1145	B-1100 spindles	5-11/16" Swivel gooseneck (133X)	10-11/16" (271 mm)	6-9/16" (166 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	Lever	N	



#### **Workboard Faucets**

#### B-1110 Workboard Faucet, 4" Centers

- 4" (102 mm) deck-mount workboard faucet
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide
- 1" (25 mm) long shanks with 1/2" NPT male threads
- Includes (150A) tailpieces and nuts for 1/4" NPT connections



MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1110	B-1100 spindles	6" Swing nozzle (059X)	5-15/16" (151 mm)	3-1/4" (82 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	
B-1110-120X	B-1100 spindles	5-1/2" Rigid goose- neck (120X)	10-15/16" (278 mm)	5-7/8" (150 mm)	5-1/2" (140 mm)	B-LT Stream Regulator	-	Lever	N	B-0413 Rigid to swivel adapter
B-1110-131X- WH4	B-1100 spindles w/ Teflon washers	2-13/16" Swivel gooseneck (131X)	5-5/8" (142 mm)	3-3/8" (86 mm)	2-13/16" (71 mm)	B-PT Stream Regulator	_	4" Wrist- action	N	
B-1110-LN	B-1100 spindles	_	_	_	_	_	_	Lever	N	Less swing nozzle
B-1110-LN- WH4	B-1100 spindles w/ Teflon washers	_	_	-	_	_	-	4" Wrist- action	N	Less swing nozzle
B-1110-LNM	B-1100 spindles	-	-	-	-	-	-	Lever	N	B-1110-LN Master carton of 6
B-1110-M	B-1100 spindles	6" Swing nozzle (059X)	5-15/16" (151 mm)	3-1/4" (82 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	B-1110 Master carton of 6
B-1110-QT	B-1100 spindles Quarter-turn	6" Swing nozzle (059X)	5-15/16" (151 mm)	3-1/4" (82 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	Quarter-turn spindles
B-1110-XS	B-1100 spindles	6" Swing nozzle (059X)	5-15/16" (151 mm)	3-1/4" (82 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks
B-1110-XS-LN	B-1100 spindles	-	_	_	_	-	_	Lever	N	Less nozzle; 2" ext. shanks
B-1110-XS-LNM	B-1100 spindles	_	_		_	-	_	Lever	N	-XS-LN Master carton of 6
B-1111	B-1100 spindles	8" Swing nozzle (060X)	6-9/16" (166 mm)	3-13/16" (96 mm)	8" (203 mm)	B-PT Stream Regulator	-	Lever	N	
B-1111-M	B-1100 spindles	8" Swing nozzle (060X)	6-9/16" (166 mm)	3-13/16" (96 mm)	8" (203 mm)	B-PT Stream Regulator	-	Lever	N	B-1111 Master carton of 6
B-1111-XS	B-1100 spindles	8" Swing nozzle (060X)	6-9/16" (166 mm)	3-13/16" (96 mm)	8" (203 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks
B-1112	B-1100 spindles	10" Swing nozzle (061X)	7-1/4" (188 mm)	4-1/2" (118 mm)	10" (254 mm)	B-PT Stream Regulator	-	Lever	N	
B-1112-M	B-1100 spindles	10" Swing nozzle (061X)	7-1/4" (188 mm)	4-1/2" (118 mm)	10" (254 mm)	B-PT Stream Regulator	-	Lever	N	B-1112 Master carton of 6
B-1112-XS	B-1100 spindles	10" Swing nozzle (061X)	7-1/4" (188 mm)	4-1/2" (118 mm)	10" (254 mm)	B-PT Stream Regulator	_	Lever	N	2" extended shanks
B-1113	B-1100 spindles	12" Swing nozzle (062X)	7-15/16" (201 mm)	5-3/16" (131 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	
B-1113-M	B-1100 spindles	12" Swing nozzle (062X)	7-15/16" (201 mm)	5-3/16" (131 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	N	B-1113 Master carton of 6
B-1113-XS	B-1100 spindles	12" Swing nozzle (062X)	7-15/16" (201 mm)	5-3/16" (131 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks
B-1131	B-1100 spindles	18" Double-joint swing nozzle (068X)	7-15/16" (201 mm)	5-3/16" (131 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	N	
B-1131-XS	B-1100 spindles	18" Double-joint swing nozzle (068X)	7-15/16" (201 mm)	5-3/16" (131 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks
B-1141	B-1100 spindles	5-3/4" Swivel gooseneck (133X)	11-1/8" (283 mm)	7-1/8" (180 mm)	5-3/4" (145 mm)	B-PT Stream Regulator	-	Lever	N	
B-1141-XS	B-1100 spindles	5-3/4" Swivel gooseneck (133X)	11-1/8" (283 mm)	7-1/8" (180 mm)	5-3/4" (145 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks

#### **Workboard Faucets**

#### B-1115 **Workboard Faucet, 4" Centers**

- 4" (102 mm) wall-mounted workboard faucet
- Removable seats
- 6" (152 mm) swing nozzle (059X) and B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide
- 1" (25 mm) long shanks with 1/2" NPT male threads
- Includes (150A) tailpieces and nuts for 1/4" NPT connections



Note: Order the B-1100-K Elbow kit separately; includes (2) 1/2" NPT male x female short els



MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1115	B-1100 spindles	6" Swing nozzle (059X)	5-5/16" (135 mm)	2-11/16" (69 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	
B-1115- 131X-WH4	B-1100 spindles w/ Teflon washers	2-13/16" Swivel gooseneck (131X)	5" (127 mm)	2-13/16" (71 mm)	2-13/16" (71 mm)	B-PT Stream Regulator	-	4" Wrist- action	N	
B-1115-132X	B-1100 spindles w/ Teflon washers	2-5/8" Swivel gooseneck (132X)	9-3/8" (238 mm)	5-7/8" (150 mm)	2-5/8" (67 mm)	B-LT Stream Regulator	-	Lever	N	
B-1115- 132X-02	B-1100 spindles w/ Teflon washers	2-5/8" Swivel gooseneck (132X)	9-3/8" (238 mm)	5-7/8" (150 mm)	2-5/8" (67 mm)	B-LT Stream Regulator	-	4" Wrist- action	N	
B-1115-LN	B-1100 spindles	_	-	_	_	_	_	Lever	N	Less nozzle
B-1115-LNM	B-1100 spindles	_	-	-	_	-	_	Lever	N	-LN Master carton of 6
B-1115-M	B-1100 spindles	6" Swing nozzle (059X)	5-5/16" (135 mm)	2-11/16" (69 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	B-1115 Master carton of 6
B-1115-XS	B-1100 spindles	6" Swing nozzle (059X)	5-5/16" (135 mm)	2-11/16" (69 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks
B-1116	B-1100 spindles	8" Swing nozzle (060X)	6" (152 mm)	3-1/4" (83 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	
B-1116-M	B-1100 spindles	8" Swing nozzle (060X)	6" (152 mm)	3-1/4" (83 mm)	8" (203 mm)	B-PT Stream Regulator	-	Lever	N	
B-1117	B-1100 spindles	10" Swing nozzle (061X)	6-3/4" (171 mm)	4" (102 mm)	10" (254 mm)	B-PT Stream Regulator	_	Lever	N	
B-1117-M	B-1100 spindles	10" Swing nozzle (061X)	6-3/4" (171 mm)	4" (102 mm)	10" (254 mm)	B-PT Stream Regulator	-	Lever	N	
B-1118	B-1100 spindles	12" Swing nozzle (062X)	7-3/8" (187 mm)	4-5/8" (118 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	
B-1118-M	B-1100 spindles	12" Swing nozzle (062X)	7-3/8" (187 mm)	4-5/8" (118 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	
B-1136	B-1100 spindles	18" Double-joint swing nozzle (068X)	7-7-16" (188 mm)	4-5/8" (118 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	N	

VR Vandal-resistant

#### **B-1120 Workboard Faucet, 8" Centers**

- 8" (203 mm) deck-mount workboard faucet
- Removable seats

MODEL

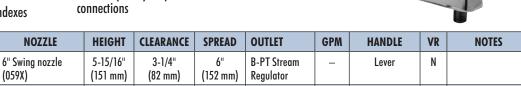
B-1120

- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes

CARTRIDGE

B-1100 spindles

- Chrome plated escutcheon, 10-1/2" (267 mm) long x 2" (51 mm) wide
- 1" (25 mm) long shanks with 1/2"NPT male threads
- Includes (150A) tailpieces and nuts for 1/4" NPT connections



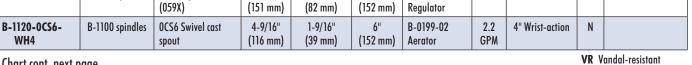


Chart cont. next page



### **Workboard Bar / Sink Faucets**

#### B-1120 Workboard Faucet, 8" Centers

- 8" (203 mm) deck-mount workboard faucet
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Chrome plated escutcheon, 10-1/2" (267 mm) long x 2" (51 mm) wide
- 1" (25 mm) long shanks with 1/2"NPT male threads
- Includes (150A) tailpieces and nuts for 1/4" NPT connections



#### **B-1120 FAUCETS, cont.**

MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1120-135X- WH4	B-1100 spindles w/Teflon washer	Swivel gooseneck (135X)	12-7/8" (328 mm)	6-1/2" (165 mm)	8-3/4" (223 mm)	B-LT Stream Regulator	_	4" Wrist-action	N	
B-1120-F22	B-1100 spindles	6" Swing nozzle (059X)	5-15/16" (151 mm)	2-3/4" (70 mm)	6" (152 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	
B-1120-LN	B-1100 spindles	_	_	_	_	_	_	Lever	N	Less nozzle
B-1120-LN-WH4	B-1100 spindles w/Teflon washer	_	_	-	_	_	_	4" Wrist-action	N	Less nozzle
B-1120-LNM	B-1100 spindles	_	_	_	_	_	_	Lever	N	Less nozzle; -LN Master carton of 6
B-1120-M	B-1100 spindles	6" Swing nozzle (059X)	5-15/16" (151 mm)	3-1/4" (82 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	B-1120 Master carton of 6
B-1120-QT	B-1100 spindles quarter-turn	6" Swing nozzle (059X)	5-15/16" (151 mm)	3-1/4" (82 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	
B-1120-QT-WS	B-1100 spindles quarter-turn	6" Swing nozzle (059X)	5-15/16" (151 mm)	2-15/16" (75 mm)	6" (152 mm)	B-0199-01-WS aerator	1.5 GPM	Lever	N	WaterSense aerator
B-1120-XS	B-1100 spindles	6" Swing nozzle (059X)	5-15/16" (151 mm)	3-1/4" (82 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	2" extended shanks
B-1120-XS-LN	B-1100 spindles	_	_	-	_	-	_	Lever	N	Less nozzle; 2" extended shanks
B-1120-XS-LNM	B-1100 spindles	_	_	_	_	_	_	Lever	N	-XS-LN Master carton of 6
B-1121	B-1100 spindles	8" Swing nozzle (060X)	6-9/16" (166 mm)	3-3/4" (96 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	
B-1121-M	B-1100 spindles	8" Swing nozzle (060X)	6-9/16" (166 mm)	3-3/4" (96 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	B-1121 Master carton of 6
B-1121-QT-A22	B-1100 spindles quarter-turn	8" Swing nozzle (060X)	6-9/16" (166 mm)	3-5/16" (84 mm)	6" (152 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	
B-1121-XS	B-1100 spindles	8" Swing nozzle (060X)	6-9/16" (166 mm)	3-3/4" (96 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	2" extended shanks
B-1122	B-1100 spindles	10" Swing nozzle (061X)	7-1/4" (184 mm)	4-1/2" (115 mm)	10" (254 mm)	B-PT Stream Regulator	_	Lever	N	
B-1122-F22	B-1100 spindles	10" Swing nozzle (061X)	7-1/4" (184 mm)	4-1/16" (104 mm)	10" (254 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	
B-1122-M	B-1100 spindles	10" Swing nozzle (061X)	7-1/4" (184 mm)	4-1/2" (115 mm)	10" (254 mm)	B-PT Stream Regulator	-	Lever	N	B-1122 Master carton of 6
B-1122-XS	B-1100 spindles	10" Swing nozzle (061X)	7-1/4" (184 mm)	4-1/2" (115 mm)	10" (254 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks
B-1123	B-1100 spindles	12" Swing nozzle (062X)	7-7/8" (201 mm)	5-3/16" (131 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	N	
B-1123-M	B-1100 spindles	12" Swing nozzle (062X)	7-7/8" (201 mm)	5-3/16" (131 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	B-1123 Master carton of 6
B-1123-XS	B-1100 spindles	12" Swing nozzle (062X)	7-7/8" (201 mm)	5-3/16" (131 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks
B-1132	B-1100 spindles	18" Double-joint swing nozzle (068X)	7-15/16" (202 mm)	5-1/8" (130 mm)	18" (457 mm)	B-PT Stream Regulator	-	Lever	N	
									VP \	/andal-resistant



#### **Workboard Faucets**

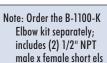
#### B-1125 Workboard Faucet, 8" Centers

- 8" (203 mm) wall-mount workboard faucet
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes

MODEL CAPTRIDGE NO771E

- Chrome plated escutcheon, 10-1/2" (267 mm) long x 2" (51 mm) wide
- 1" (25 mm) long shanks with 1/2" NPT male threads
- Includes (150A) tailpieces and nuts for 1/4" NPT connections





HEIGHT CLEADANCE SPREAD CHITLET





GPM HANDIF VP

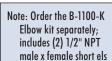
MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1125	B-1100 spindles	6" Swing nozzle (059X)	5-7/16" (137 mm)	2-5/8" (66 mm)	6" (152 mm)	B-PT Stream Regulator	_	Lever	N	
B-1125-LN	B-1100 spindles	_	_	-	_	_	_	Lever	N	Less nozzle
B-1125-LNM	B-1100 spindles	_	_	_	_	_	_	Lever	N	-LN Master carton of 6
B-1125-M	B-1100 spindles	6" Swing nozzle (059X)	5-7/16" (137 mm)	2-5/8" (66 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	B-1125 Master carton of 6
B-1125-XS	B-1100 spindles	6" Swing nozzle (059X)	5-7/16" (137 mm)	2-5/8" (66 mm)	6" (152 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks
B-1125-XS- HM	B-1100 spindles quarter-turn, Teflon washers	3" Swivel gooseneck	5" (126 mm)	2-3/8" (60 mm)	2-15/16" (74 mm)	B-0199-29VR VR laminar flow device	1.5 GPM	4" Wrist- action	Υ	Swivel to rigid option; VR aerator key; inc. (2) B-1100-K 1/2" NPT male x female short els
B-1126	B-1100 spindles	8" Swing nozzle (060X)	6" (152 mm)	3-1/4" (82 mm)	8" (203 mm)	B-PT Stream Regulator	-	Lever	N	
B-1126-M	B-1100 spindles	8" Swing nozzle (060X)	6" (152 mm)	3-1/4" (82 mm)	8" (203 mm)	B-PT Stream Regulator	ı	Lever	N	B-1126 Master carton of 6
B-1126-XS	B-1100 spindles	8" Swing nozzle (060X)	6" (152 mm)	3-1/4" (82 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	2" extended shanks
B-1127	B-1100 spindles	10" Swing nozzle (061X)	6-5/8" (168 mm)	3-15/16" (100 mm)	10" (254 mm)	B-PT Stream Regulator	-	Lever	N	
B-1127-M	B-1100 spindles	10" Swing nozzle (061X)	6-5/8" (168 mm)	3-15/16" (100 mm)	10" (254 mm)	B-PT Stream Regulator	_	Lever	N	B-1127 Master carton of 6
B-1128	B-1100 spindles	12" Swing nozzle (062X)	7-3/8" (187 mm)	4-5/8" (117 mm)	12" (305 mm)	B-PT Stream Regulator	-	Lever	N	
B-1128-M	B-1100 spindles	12" Swing nozzle (062X)	7-3/8" (187 mm)	4-5/8" (117 mm)	12" (305 mm)	B-PT Stream Regulator	_	Lever	N	B-1128 Master carton of 6
B-1128-XS	B-1100 spindles	12" Swing nozzle (062X)	7-3/8" (187 mm)	4-5/8" (117 mm)	12" (305 mm)	B-PT Stream Regulator	ı	Lever	N	2" extended shanks
B-1137	B-1100 spindles	18" Double-joint swing nozzle (068X)	7-7/16" (189 mm)	4-5/8" (117 mm)	18" (457 mm)	B-PT Stream Regulator	_	Lever	N	
B-1147	B-1100 spindles	5-11/16" Swivel gooseneck (133X)	10-5/8" (270 mm)	6-9/16" (167 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	Lever	N	
B-2289	B-1100 spindles	-	_	_	_	_	-	Four-arm	N	Less nozzle
B-2291	B-1100 spindles	14" Swing nozzle (063X)	8-5/16" (211 mm)	5-5/16" (135 mm)	14" (356 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	

#### **Workboard Bar / Sink Faucets**

#### B-1146 Workboard Faucet, 4" Centers

- 4" (102 mm) wall-mount workboard faucet
- Removable seats
- 5-11/16" swivel gooseneck (133X) with swivel outlet elbow
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide





- 1" (25 mm) long shanks with 1/2" NPT male threads
- Includes (150A) tailpieces and nuts for 1/4" NPT connections

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1146	B-1100 spindles	5-11/16" Swivel gooseneck (133X)	10-11/16" (270 mm)	6-3/4" (155 mm)	5-11/16" (146 mm)	B-PT Stream Regulator	-	Lever	N	
B-1146-01	B-1100 spindles	2-13/16" Swivel gooseneck (131X)	5-1/8" (129 mm)	2-13/16" (71 mm)	2-13/16" (71 mm)	B-PT Stream Regulator	-	Lever	N	
B-1146-01- WS	B-1100 spindles	2-13/16" Swivel gooseneck (131X)	5" (127 mm)	2-3/8" (61 mm)	2-13/16" (71 mm)	B-0199-01-WS aerator	1.5 GPM	Lever	N	WaterSense aerator
B-1146-01A	B-1100 spindles	2-15/16" Swivel goose- neck (008978-40)	5" (127 mm)	2-3/8" (61 mm)	2-15/16" (74 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	
B-1146-01A- W4EK	B-1100 spindles w/Teflon washers	2-15/16" Swivel goose- neck (008978-40)	5" (127 mm)	2-3/8" (61 mm)	2-15/16" (74 mm)	B-0199-01 aerator	2.2 GPM	4" Wrist- action	N	Includes (2) B-1100-K 1/2" NPT male x female short els
B-1146-02A	B-1100 spindles w/Teflon washers	4-3/8" Swivel goose- neck (017907-40)	9-9/16" (243 mm)	6" (152 mm)	4-3/8" (111 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	
B-1146-02A- WH4	B-1100 spindles w/Teflon washers	4-3/8" Swivel goose- neck (017907-40)	9-9/16" (243 mm)	6" (152 mm)	4-3/8" (111 mm)	B-0199-01 aerator	2.2 GPM	4" Wrist- action	N	
B-1146-04	B-1100 spindles w/Teflon washers	5-3/4" Swivel gooseneck (133X-AER)	10-11/16" (270 mm)	6-1/8" (155 mm)	5-3/4" (146 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	
B-1146-04- WS	B-1100 spindles w/Teflon washers	5-3/4" Swivel goose- neck (133X)	10-11/16" (270 mm)	6-1/8" (155 mm)	5-3/4" (146 mm)	B-0199-01-WS aerator	1.5 GPM	Lever	N	WaterSense aerator
B-1146-WS	B-1100 spindles	5-3/4" Swivel goose- neck (133X)	10-11/16" (270 mm)	6-1/8" (155 mm)	5-3/4" (146 mm)	B-0199-01-WS aerator	1.5 GPM	Lever	N	WaterSense aerator
B-1146-XS	B-1100 spindles	5-3/4" Swivel goose- neck (133X)	10-11/16" (270 mm)	6-1/8" (155 mm)	5-3/4" (146 mm)	B-PT Stream Regulator	-	Lever	N	2" extended shanks

VR Vandal-resistant

#### B-1142 Workboard Faucet, 8" Centers

- 8" (203 mm) deck-mount workboard faucet
- Removable seats
- 5-11/16" swivel gooseneck (133X)
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Chrome plated escutcheon, 10-1/2" (267 mm) long x 2" (51 mm) wide
- 1/2" (25 mm) long shanks with 1/2" NPT male threads
- Includes (150A) tailpieces and nuts for 1/4" NPT connections
- **B-1142-04** Same as B-1142 except with 4" wrist action handles
- **B-1142-04A-QT** Same as B-1142-04 except with 133X-AER swivel gooseneck with B-0199-01 (2.2 GPM) aerator and quarter-turn spindle assemblies
- **B-1142-XS** Same as B-1142 except with 2" (51 mm) shank

#### B-1148 Workboard Faucet

- 8" (203 mm) deck-mount workboard faucet
- Removable seats
- 10-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 1/2" (25 mm) long shanks with 1/2" NPT male threads
- B-2403 high rise swing nozzle with B-0199-01 (2.2 GPM) aerator
- Lever handles with color coded indexes
- Includes (150A) tailpieces and nuts for 1/4" NPT connections

**B-1149** Same as B-1148 except with 4" (102 mm) wrist-action handles (B-WH4)



### D 4454

#### B-1151 Workboard Faucet

- 4" (102 mm) deck-mount workboard faucet
- Removable seats
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 1" (25 mm) long shanks with 1/2" NPT male threads

**Workboard Bar / Sink Faucets** 

- 8" (203 mm) swing nozzle (002878-40)
- Positive diverter valve assembly
- B-LT stream regulator (Series 2)
- Lever handles with color coded indexes
- Protective flange (B-KF) for sheet metal up to 1/8" (3 mm) thick
- Spray valve (002857-40) with 48" (1219 mm) flexible stainless steel hose (013E-48H)
- Includes (150A) tailpieces and nuts for 1/4" NPT connections



MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1151	B-1100 spindle	8" Swing nozzle (002878-40)	5-3/8" (137 mm)	2-1/4" (58 mm)	7-7/8" (200 mm)	B-LT Stream Regulator	_	Lever	N	4" centers; 6-1/2" long escutcheon
B-1152	B-1100 spindle	8" Swing nozzle (002878-40)	5-3/8" (137 mm)	2-1/4" (58 mm)	7-7/8" (200 mm)	B-LT Stream Regulator	-	Lever	N	8" centers; 10-1/2" long escutcheon
B-1152-092A	B-1100 spindle	8" Swing nozzle (002878-40)	5-3/8" (137 mm)	2-1/4" (58 mm)	7-7/8" (200 mm)	B-LT Stream Regulator	-	Lever	N	8" centers; (005963-40) angle spray valve with brush (BR10)
B-1152-092A-VB	B-1100 spindle	8" Swing nozzle (002878-40)	5-3/8" (137 mm)	2-1/4" (58 mm)	7-7/8" (200 mm)	B-LT Stream Regulator	-	Lever	N	8" centers; (005963-40) angle spray valve with brush (BR10); B-0970-FE vacuum breaker

VR Vandal-resistant

#### B-1156 Workboard Faucet

- 4" (102 mm) wall-mount workboard faucet
- Removable seats
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 1" (25 mm) long shanks with 1/2" NPT male threads
- 8" (203 mm) swing nozzle (002878-40)
- B-LT stream regulator (Series 2)
- Lever handles with color coded indexes
- Positive diverter valve assembly
- Protective flange (B-KF) for sheet metal up to 1/8" (3 mm) thick
- Spray valve (002857-40) with 48" (1219 mm) flexible stainless steel hose (013E-48)
- Includes (150A) tailpieces and nuts for 1/4" NPT connection





MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1156	B-1100 spindle	8" Swing nozzle (002878-40)	5-3/8" (136 mm)	1-3/8" (35 mm)	8" (203 mm)	B-LT Stream Regulator	_	Lever	N	4" centers; 6-1/2" long escutcheon
B-1157	B-1100 spindle	8" Swing nozzle (002878-40)	5-3/8" (136 mm)	1-3/8" (35 mm)	8" (203 mm)	B-LT Stream Regulator	-	Lever	N	8" centers; 10-1/2" long escutcheon
B-1157-12	B-1100 spindle	12" Swing nozzle	6" (152 mm)	2-3/4" (70 mm)	12" (305 mm)	B-LT Stream Regulator	-	Lever	N	8" centers; 10-1/2" long escutcheon

VR Vandal-resistant

#### **Workboard Bar / Sink Faucets**

#### B-1171 Workboard Faucet

- 4" (102 mm) deck-mount workboard faucet
- Removable seats
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 1" (25 mm) long shanks with 1/2" NPT male threads
- 8" (203 mm) swing nozzle has  $360^{\circ}$  swivel piece
- Built-in diverter valve assembly
- B-PT stream regulator (Series 1)
- Lever handles with color coded indexes
- Sidespray with 4 ft. (1.2 m) reinforced vinyl hose and hose guide
- Includes (150A) tailpieces and nuts for 1/4" NPT connections





MODEL	CARTRIDGE	NOZZLE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-1171	B-1100 spindles	8" Swing nozzle	7-1/4" (184 mm)	4-1/2" (114 mm)	8" (203 mm)	B-PT Stream Regulator	_	Lever	N	4" centers; 6-1/2" long escutcheon; 4 ft. vinyl hose
B-1171-01	B-1100 spindles	16" Swing nozzle	10" (254 mm)	7-3/16" (183 mm)	16" (406 mm)	B-PT Stream Regulator	_	Lever	N	4" centers; Spray valve with rosespray outlet (002857-40) w/48" S/S hose (013E-48H)
B-1171-07	B-1100 spindles	8" Swing nozzle	7-3/8" (187 mm)	4-5/8" (117 mm)	8" (203 mm)	B-PT Stream Regulator	-	Lever	N	4" centers; 6-1/2" long escutcheon; 7 ft. vinyl hose
B-1172	B-1100 spindles	8" Swing nozzle	7-1/4" (184 mm)	4-1/2" (114 mm)	8" (203 mm)	B-PT Stream Regulator	-	Lever	N	8" centers; 10-1/2" long escutcheon; 4 ft. vinyl hose
B-1172-07	B-1100 spindles	8" Swing nozzle	7-1/4" (184 mm)	4-1/2" (114 mm)	8" (203 mm)		-	Lever	N	8" centers; 10-1/2" long escutcheon; 7 ft. vinyl hose
B-1172-07-133X	B-1100 spindles	5-11/16" Swivel gooseneck	11-7/8" (302 mm)	7-13/16" (199 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	-	Lever	N	8" centers; 10-1/2" long escutcheon; 7 ft. vinyl hose
B-1172-07-WH4	B-1100 spindles w/ Teflon washers	5-11/16" Swivel gooseneck	11-7/8" (302 mm)	7-13/16" (199 mm)	5-11/16" (145 mm)	B-PT Stream Regulator	_	4" Wrist- action	N	8" centers; Sidespray with 7 ft. vinyl hose (013675-45)
B-1172-96-135X	B-1100 spindles	8-3/4" Swivel gooseneck	13-3/4" (349 mm)	6-3/4" (171 mm)	8-13/16" (224 mm)	B-0199-02 aerator	2.2 GPM	Lever	N	8" centers; EB-0107 spray valve on EB-0096-H 96" hose; EPAct 2005 non-compliant
B-1172-TS	B-1100 spindles	8-3/4" Swivel gooseneck	13-3/4" (349 mm)	6-3/4" (171 mm)	8-13/16" (224 mm)	B-0199-02 aerator	2.2 GPM	Lever	N	8" centers; sidespray with 4 ft. vinyl hose
B-1173	B-1100 spindles	High-rise swing nozzle assembly	11-3/16" (284 mm)	9-5/16" (237 mm)	7-7/8" (200 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	8" centers; sidespray with 4 ft. vinyl hose
B-1173-101-48H (see illus.above)	B-1100	High-rise swing nozzle assembly	11-3/16" (284 mm)	9-5/16" (237 mm)	7-7/8" (200 mm)	B-0199-01 aerator	2.2 GPM	Lever	N	8" centers; spray valve with rosespray outlet (002857-40) w/48" S/S hose (013E-48H)

VR Vandal-resistant

#### B-1177 Workboard Faucet

- 4" (102 mm) deck-mount workboard faucet
- Removable seats
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 1" (25 mm) long shanks with 1/2" NPT male threads
- B-0405-03 rigid vacuum breaker nozzle
- B-LT stream regulator (Series 2)
- Built-in diverter valve assembly
- Lever handles with color coded indexes
- Sidespray with 4 ft. (1.2 m) reinforced vinyl hose and hose guide
- Includes (150A) tailpieces and nuts for 1/4" NPT connections





#### **Workboard Bar / Sink Faucets**

#### B-1193 Workboard Faucet

**EPAct 2005 Non-Compliant** 

- 4" wall-mounted workboard faucet
- Removable seats
- B-0413 swivel to rigid adapter
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 1" (25 mm) long shanks with 1/2" NPT male threads
- EB-0107 High-flow spray valve
- EB-0072-H 72" flexible stainless steel hose
- B-0968 vacuum breaker
- Lever handles with color coded indexes

Note: Crossflow protection supplied by others

Note: The B-1193 is EPAct 2005 Non-Compliant



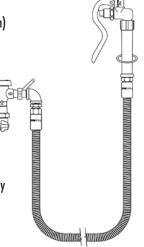
**EPAct 2005 Non-Compliant** 

• 8" (203 mm) deck-mounted workboard faucet

• 1" (25 mm) long shanks with 1/2" NPT male threads

- Swivel gooseneck
- Vacuum breaker on nozzle outlet with male garden hose threads (B-0972)
- 4" (102 mm) wrist-action handles with color coded indexes
- High-flow angled spray valve (EB-0107-035)
- 5 ft. (1.5 m) flexible stainless steel hose (EB-0060-H)
- Protective flange (B-KF) for sheet metal up to 1/8" (3 mm) thick
- Includes (150A) tailpieces and nuts for 1/4" NPT connection

Note: The B-2346 is EPAct 2005 Non-Compliant



#### **Waste Valves with Twist Handle or Lever Handle**

- All models are equipped with an overflow outlet and cap
- "-01" models come furnished with a complete overflow assembly (B-3999-0F)
- ullet Models available with a conversion adapter that reduces a 2" drain outlet to a  $1\frac{1}{2}$ " outlet
- · Master Packs available

#### B-3940 Waste Valve with Twist Handle

#### B-3960 Waste Valve with Lever Handle



### Waste Valve with Twist and Lever Handles:

- Valve bodies come standard with a 2" NPT male/1-1/2" NPT female outlet
- Also available with adapter that allows for either a 1-1/2" NPT male or 2" NPT male outlet (B-3945)
- 3" (76 mm) or 3-1/2" (89 mm) sink opening applications



#### **Twist Models**

Model	Sink Opening	Drain Outlet (NPT)	Overflow Assembly
B-3940	3″	1½" or 2" male	Optional
B-3940-0	1* 3"	11/2" or 2" male	Included
B-3942	3″	2" male/ 1½" female	Optional
B-3942-0	1* 3"	2" male/ 1½" female	Included
B-3950	31/2"	1½" or 2" male	Optional
B-3950-0	1* 31/2"	11/2" or 2" male	Included
B-3952	31/2"	2" male/ 11/2" female	Optional
B-3952-0	1* 31/2"	2" male/ 1½" female	Included

<sup>\* &</sup>quot;-01" models include an overflow assembly

#### **Lever Models**

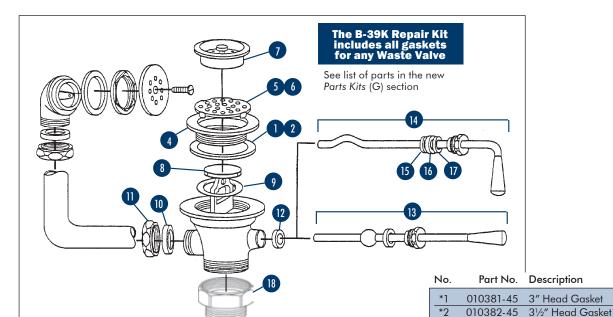
Model	Sink Opening	Drain Outlet (NPT)	Overflow Assembly
B-3960	3″	1½" or 2" male	Optional
B-3960-01	* 3"	1½" or 2" male	Included
B-3962	3″	2" male/ 1½" female	Optional
B-3962-01	* 3"	2" male/ 1½" female	Included
B-3970	31/2"	1½" or 2" male	Optional
B-3970-01	* 31/2"	1½" or 2" male	Included
B-3972	31/2"	2" male/ 1½" female	Optional
B-3972-01	* 31/2"	2" male/ 1½" female	Included

<sup>\* &</sup>quot;-01" models include an overflow assembly



#### **Waste Valves with Twist Handle or Lever Handle**

- All models are equipped with an overflow outlet and cap
- "-01" models come furnished with a complete overflow assembly (B-3999-0F)
- Models available with a conversion adapter that reduces a 2" NPT male drain outlet to a 1½" NPT male outlet (B-3945)
- Master Packs available



#### **Waste Valve Accessories**

#### **Flat Strainer**

• Flat Strainers with four (4) mounting lugs:

3" (76 mm)	010385-45
3-1/2" (89 mm)	010386-45
3-1/2" (89 mm),	
Vandal-resistant	010386-45VR



# 18 B-3945 Adapter (converts 2" NPT male to 1½" NPT male) \* These parts are included in the B-39K Repair Kit; see the new Parts Kits (G) section

3½" Head Flange

3½" Strainer, Flat

Coupling Washer

Drain Rod Bushing

Lever Handle Assembly

Twist Handle Assembly

Twist Handle C-Ring

Twist Handle Washer

Twist Handle 'O'-Ring

Coupling Nut

3½" Crumb Cup Strainer

3" Strainer, Flat

Plunger 'O'-Ring

4

5

6

8

\*9

\*10

11

\*12

13

14

\*15

\*16

\*17

010384-45

010385-45

010386-45

010387-45

010388-45

010389-45

010390-45

010391-45

010392-45

010394-45

010393-45

#### Twist Handle Assemblies

• Twist waste valve handle assembly in three lengths:

9" (229 mm)	010393-45XS
13-1/2" (343 mm)	010393-45
17-1/2" (445 mm)	010393-45XL



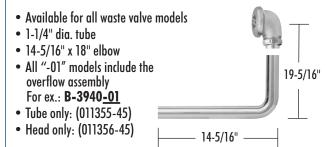
#### Lever Handle Assemblies

• Lever waste valve handle assembly in two lengths:

8" (203 mm) 010394-45XS 12-1/2" (318 mm) 010394-45



#### **B-3999-OF Overflow Assembly**

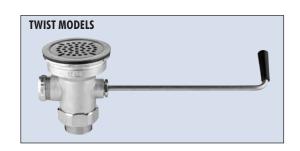


**B-3999-05XL** Same as B-3999-OF except with extra long 24" x 24" elbow tube (011355-45XL)



#### **Waste Valves with Twist Handle**

- All twist and lever models are equipped with an overflow outlet and cap
- "-01" models come furnished with a complete overflow assembly (B-3999-0F)
- Models available with a conversion adapter that reduces a 2" NPT male drain outlet to a  $1\frac{1}{2}$ " NPT male outlet (B-3945)
- Master Packs available
  - Twist handle with heat-resistant plastic grip
  - Other handle lengths available (see page C37)



TWIST MODELS	SINK OPENING	DRAIN OUTLET (NPT)	OVERFLOW ASSEMBLY	HANDLE	NOTES
B-3940	3"	1-1/2" male or 2" male	Optional	Standard twist, 12-1/4" (311 mm)	
B-3940-M	3"	1-1/2" male or 2" male	Optional	Standard twist, 12-1/4" (311 mm)	B-3940 Master carton of 6
B-3940-XL	3"	1-1/2" male or 2" male	Optional	Long twist, 16-1/4" (413 mm)	
B-3940-XS	3"	1-1/2" male or 2" male	Optional	Short twist, 7-13/16" (198 mm)	
B-3940-01	3"	1-1/2" male or 2" male	Included	Standard twist, 12-1/4" (311 mm)	
B-3940-01-XS	3"	1-1/2" male or 2" male	Included	Short twist, 7-13/16" (198 mm)	
B-3940-01M	3"	1-1/2" male or 2" male	Included	Standard twist, 12-1/4" (311 mm)	B-3940-01 Master carton of 6
B-3942	3"	2" male/1-1/2" female	Optional	Standard twist, 12-1/4" (311 mm)	
B-3942-XL	3"	2" male/1-1/2" female	Optional	Long twist, 16-1/4" (413 mm)	
B-3942-XS	3"	2" male/1-1/2" female	Optional	Short twist, 7-13/16" (198 mm)	
B-3942-01	3"	2" male/1-1/2" female	Included	Standard twist, 12-1/4" (311 mm)	
B-3942-01-XS	3"	2" male/1-1/2" female	Included	Short twist, 7-13/16" (198 mm)	
B-3950	3-1/2"	1-1/2" male or 2" male	Optional	Standard twist, 12-1/4" (311 mm)	
B-3950-M	3-1/2"	1-1/2" male or 2" male	Optional	Standard twist, 12-1/4" (311 mm)	B-3950 Master carton of 6
B-3950-SB	3-1/2"	1-1/2" male or 2" male	Optional	Standard twist, 12-1/4" (311 mm)	Includes removable strainer basket
B-3950-VR	3-1/2"	1-1/2" male or 2" male	Optional	Standard twist, 12-1/4" (311 mm)	Includes vandal-resistant flat strainer
B-3950-XL	3-1/2"	1-1/2" male or 2" male	Optional	Long twist, 16-1/4" (413 mm)	
B-3950-XS	3-1/2"	1-1/2" male or 2" male	Optional	Short twist, 7-13/16" (198 mm)	
B-3950-01	3-1/2"	1-1/2" male or 2" male	Included	Standard twist, 12-1/4" (311 mm)	
B-3950-01-M	3-1/2"	1-1/2" male or 2" male	Included	Standard twist, 12-1/4" (311 mm)	B-3950 Master carton of 6
B-3950-01-M12	3-1/2"	1-1/2" male or 2" male	Included	Standard twist, 12-1/4" (311 mm)	B-3950 Master carton of 12
B-3950-01-SB	3-1/2"	2" male/1-1/2" female	Included	Standard twist, 12-1/4" (311 mm)	Includes removable strainer basket
B-3952	3-1/2"	2" male/1-1/2" female	Optional	Standard twist, 12-1/4" (311 mm)	
B-3952-VR	3-1/2"	2" male/1-1/2" female	Optional	Standard twist, 12-1/4" (311 mm)	Includes vandal-resistant flat strainer
B-3952-XL	3-1/2"	2" male/1-1/2" female	Optional	Long twist, 16-1/4" (413 mm)	
B-3952-XS	3-1/2"	2" male/1-1/2" female	Optional	Short twist, 7-13/16" (198 mm)	
B-3952-01	3-1/2"	2" male/1-1/2" female	Included	Standard twist, 12-1/4" (311 mm)	



#### **Waste Valves with Lever Handle**

- All twist and lever models are equipped with an overflow outlet and cap
- "-01" models come furnished with a complete overflow assembly (B-3999-0F)
- Models available with a conversion adapter that reduces a 2" NPT male drain outlet to a  $1\frac{1}{2}$ " NPT male outlet (B-3945)
- Master Packs available
  - Lever handle with heat-resistant plastic grip
  - Other handle lengths available (see page C37)



LEVER MODELS	SINK OPENING	DRAIN OUTLET (NPT)	OVERFLOW ASSEMBLY	HANDLE	NOTES
B-3960	3"	1-1/2" male or 2" male	Optional	Standard lever, 12-1/8" (308 mm)	
B-3960-XS	3"	1-1/2" male or 2" male	Optional	Short lever, 7-5/8" (194 mm)	
B-3960-01	3"	1-1/2" male or 2" male	Included	Standard lever, 12-1/8" (308 mm)	
B-3960-01-XS	3"	1-1/2" male or 2" male	Included	Short lever, 7-5/8" (194 mm)	
B-3962	3"	2" male/1-1/2" female	Optional	Standard lever, 12-1/8" (308 mm)	
B-3962-01	3"	2" male/1-1/2" female	Included	Standard lever, 12-1/8" (308 mm)	
B-3962-01-XS	3"	2" male/1-1/2" female	Included	Short lever, 7-5/8" (194 mm)	
B-3970	3-1/2"	1-1/2" male or 2" male	Optional	Standard lever, 12-1/8" (308 mm)	
B-3970-VR	3-1/2"	1-1/2" male or 2" male	Optional	Standard lever, 12-1/8" (308 mm)	Includes vandal-resistant flat strainer
B-3970-XS	3-1/2"	1-1/2" male or 2" male	Optional	Short lever, 7-5/8" (194 mm)	
B-3970-01	3-1/2"	1-1/2" male or 2" male	Included	Standard lever, 12-1/8" (308 mm)	
B-3970-01-XS	3-1/2"	1-1/2" male or 2" male	Included	Short lever, 7-5/8" (194 mm)	
B-3972	3-1/2"	2" male/1-1/2" female	Optional	Standard lever, 12-1/8" (308 mm)	
B-3972-VR	3-1/2"	2" male/1-1/2" female	Optional	Standard lever, 12-1/8" (308 mm)	Includes vandal-resistant flat strainer
B-3972-XS	3-1/2"	2" male/1-1/2" female	Optional	Short lever, 7-5/8" (194 mm)	
B-3972-01	3-1/2"	2" male/1-1/2" female	Included	Standard lever, 12-1/8" (308 mm)	
B-3972-01-XS	3-1/2"	2" male/1-1/2" female	Included	Short lever, 7-5/8" (194 mm)	




#### **Modular Waste Valves**

**NEW!** Premium Modular Waste Valves have been designed to exceed in the most demanding applications and maintain the quality and reliability you have come to expect from T&S.

#### Features include:



- Modular design for easy installation and maintenance
- Large drain opening to accommodate high-volume applications
- Push-pull valve activation with rugged handle to endure extreme abuse
- Unique installation tool included to make installation easy
- Handle extension kits available
- · Removable snap-in strainer
- · Lifetime warranty
- "-01" models include an overflow assembly

MODULAR WASTE VALVE MODELS	SINK OPENING	DRAIN OUTLET	OVERFLOW TUBE / HEAD ASSEMBLY	MODEL HANDLE LENGTH (From Drain Center Line)	RECOMMENDED SINK LENGTH (Front to back)
B-3990	3-1/2"	1-1/2" NPT male or 2" NPT male	Optional	Standard 5-3/4" closed; 8-5/8" open	18" to 20"
B-3990-3X	3-1/2"	1-1/2" NPT male or 2" NPT male	Optional	3" extension kit 8-3/4" closed; 11-5/8" open	20" to 24"
B-3990-5X	3-1/2"	1-1/2" NPT male or 2" NPT male	Optional	5" extension kit 10-3/4" closed; 13-5/8" open	28"
B-3990-BSP	3-1/2"	1-1/2" BSP male or 2" NPT male	Optional	Standard 5-3/4" closed; 8-5/8" open	18" to 20"
B-3990-BSP-3X	3-1/2"	1-1/2" BSP male or 2" NPT male	Optional	3" extension kit 8-3/4" closed; 11-5/8" open	20" to 24"
B-3990-BSP-5X	3-1/2"	1-1/2" BSP male or 2" NPT male	Optional	5" extension kit 10-3/4" closed; 13-5/8" open	28"
B-3992	3-1/2"	2" NPT male / 1-1/2" NPT female	Optional	Standard 5-3/4" closed; 8-5/8" open	18" to 20"
B-3992-3X	3-1/2"	2" NPT male / 1-1/2" NPT female	Optional	3" extension kit 8-3/4" closed; 11-5/8" open	20" to 24"
B-3992-5X	3-1/2"	2" NPT male / 1-1/2" NPT female	Optional	5" extension kit 10-3/4" closed; 13-5/8" open	28"
B-3990-01	3-1/2"	1-1/2" NPT male or 2" NPT male	Included	Standard 5-3/4" closed; 8-5/8" open	18" to 20"
B-3990-01-3X	3-1/2"	1-1/2" NPT male or 2" NPT male	Included	3" extension kit 8-3/4" closed; 11-5/8" open	20" to 24"
B-3990-01-5X	3-1/2"	1-1/2" NPT male or 2" NPT male	Included	5" extension kit 10-3/4" closed; 13-5/8" open	28"
B-3992-01	3-1/2"	2" NPT male / 1-1/2" NPT female	Included	Standard 5-3/4" closed; 8-5/8" open	18" to 20"
B-3992-01-3X	3-1/2"	2" NPT male / 1-1/2" NPT female	Included	3" extension kit 8-3/4" closed; 11-5/8" open	20" to 24"
B-3992-01-5X	3-1/2"	2" NPT male / 1-1/2" NPT female	Included	5" extension kit 10-3/4" closed; 13-5/8" open	28"



#### **Modular Waste Valves**

All our Modular Waste Valves can be modified with 3" or 5" handle extensions to accommodate your sink measurements and preferences.

- Refer to the chart below for optional or recommended use of handle extensions
- · Refer to the illustrations below for specific measurements related to sink length and recommended handle extensions

#### **B-3990-3KIT** 3" Handle Extension Kit

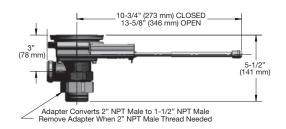
- Includes three (3) 3" extension rods and a capsule of Loctite 222
- Extends Modular Waste Valve handles by 3"

#### **B-3990-5KIT 5" Handle Extension Kit**

- Includes three (3) 5" extension rods and a capsule of Loctite 222
- Extends Modular Waste Valve handles by 5"

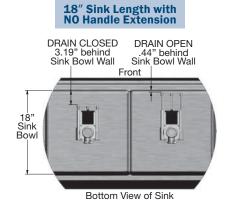
Standard Length Handle	3" Handle Extension
5-3/4" (146 mm) CLOSED 8-5/8" (219 mm) OPEN 3" (78 mm)  Adapter Converts 2" NPT Male to 1-1/2" Remove Adapter When 2" NPT Male Three	8-3/4" (222 mm) CLOSED 11-5/8" (295 mm) OPEN  78 mm)  Adapter Converts 2" NPT Male to 1-1/2" NPT Male Remove Adapter When 2" NPT Male Thread Needed

#### Sink Bowl Length 3" Handle 5" Handle (Front to back measure-Extension Extension ment of Sink Bottom) 18" Optional (not needed) Optional (not needed) 20' Recommended Optional (not needed) 24" Recommended Optional (not needed) 28' Not recommended Recommended

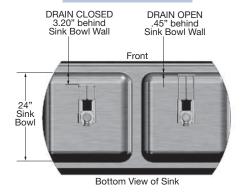


5" Handle **Extension** 

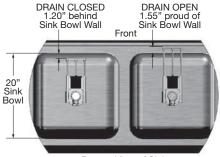
#### **Recommended Extension Kits for the Modular Waste Valves Based On Popular Sink Bowl Length**



### 24" Sink Length with 3" Handle Extension

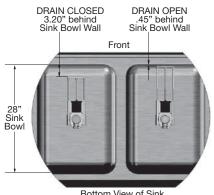






Bottom View of Sink

### 28" Sink Length with 5" Handle Extension



Bottom View of Sink

#### C 42

#### **Modular Waste Valves**

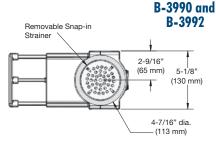
#### B-3990 Modula<u>r Waste Valve</u>

- Modular design for easy installation and maintenance
- For 3-1/2" sink opening
- 2" NPT female x 1-1/2" NPT male adapter
- **B-3990-BSP** Same as B-3990 except with 1-1/2" BSP male adapter
- B-3990-3X Same as B-3990 except includes 3" handle extension kit
- **B-3990-5X** Same as B-3990 except includes 5" handle extension kit
- **B-3990-BSP-3X** Same as B-3990-BSP except includes 3" handle extension kit
- **B-3990-BSP-5X** Same as B-3990-BSP except includes 5" handle extension kit



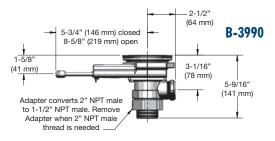
B-3992 shown closed (above) and open (below)





#### B-3992 Modular Waste Valve

- Modular design for easy installation and maintenance
- For 3-1/2" sink opening
- 2" NPT male / 1-1/2" NPT female drain outlet
- B-3992-3X Same as B-3992 except includes 3" handle extension kit
- B-3992-5X Same as B-3992 except includes 5" handle extension kit

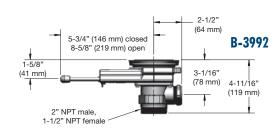


#### B-3990-01 Modular Waste Valve with Overflow Tube with Head Assembly

- Modular design for easy installation and maintenance
- For 3-1/2" sink opening
- 2" NPT female x 1-1/2" NPT male adapter

B-3990-01-3X Same as B-3990-01 except includes 3" handle extension kit

**B-3990-01-5X** Same as B-3990-01 except includes 5" handle extension kit



#### B-3992-01 Modular Waste Valve with Overflow Tube with Head Assembly

- Modular design for easy installation and maintenance
- For 3-1/2" sink opening
- 2" NPT male / 1-1/2" NPT female drain outlet

**B-3992-01-3X** Same as B-3992-01 except includes 3" handle extension kit

B-3992-01-5X Same as B-3992-01 except includes 5" handle extension kit



#### NEW! Waste Valve Installation Tool:

#### Part # 017670-45

- Modular Waste Valve Installation Tool
- Included with <u>all</u> Modular Waste Valves
- Helps installation of both 3" and 3-1/2" drains
- Can order this part separately



# **ChekPoint™ Electronic Faucets**











# **G-11** General Product Catalog

#### **Table of Contents**

#### ChekPoint™ Electronic Faucets – GP

# INTRODUCTORY PAGES NEW FEATURED T&S PRODUCTS

- ChekPoint Faucets with Above Deck Electronics (ADE) (pages CP3, 5)
- ECR-0810-107 ChekPoint Ware-Washing Rinse Faucet (pages CP21-22)

ChekPoint Above Deck Electronic

(ADE) Sensor Faucets..... **CP3, 5, 14-20** 

**NEW!** EC-3130 and EC-3132 Models and the EC-3122

ADE Features/Options
 All Models/Specs
 CP3,5
 CP16-18

ChekPoint Standard Electronic

Sensor Faucets ...... CP4, 6-13, 21-22

<ul> <li>Models, Features and Options</li> </ul>	CP4, 6
Thermostatic Mixing Valves	CP7
<ul> <li>Ganging Installation Options</li> </ul>	CP7
<ul> <li>Gooseneck Options</li> </ul>	CP8
• ChekPoint Below Deck Components	CP8
Deckplate Options	CP8
Below Deck Installation, Packaging	CP9
<ul> <li>Other Data, Parts and Warranty</li> </ul>	CP9
Standard Deck- and Wall-Mount	

ChekPoint Electronic Sensor Faucets – with Above Deck Electronics ....... CP14-20

Sensor Faucet Models/Specs

Manual Override Sensor Faucets

• Models, Features and Options CP14-16, 18

CP10-13

CP13

Hydrogenerator (-HG), Side-Mount
 Thermostatic Mixing Valve (-SMT), and
 Thermostatic Mixing Valve (-TMV)

 EC-HYDROGEN – models, retrofit
 Ganging Installation Options

 EASYWIRE, HARDWIRE and ADEWIRE
 Deckplate Options
 Gooseneck Options
 C20

NEW! ECR-D0810-107 Electronic

Ware-Washing Rinse Faucet CP21-22

#### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the G-11 General Product Catalog Master Index section (IN).





## Above Deck Electronic Faucets





Now, you have many more options to choose from with our water-saving T&S ChekPoint™ Electronic Sensor Faucets! Along with ease of installation and convenient AC/DC power options, these other options are available to customize ChekPoint faucets:

Electronic Sensor Faucet OPTIONS									
Suffix/Option	Description	Applicable Models							
-HG	Hydrogenerator	All models							
-LF22	2.2 GPM Vandal- Resistant Laminar Flow	All models							
-LN	Less nozzle; specify any T&S rigid gooseneck model	EC-3100, EC-3101							
-SB	Surgical Bend Gooseneck	EC-3100, EC-3101							
-SM	Side-Mount Mechanical Mixing Valve	EC-3100, EC-3102							
-SMT	Side-Mount Thermo- static Mixing Valve	EC-3100, EC-3102							
-TMV	Below Deck Thermo- static Mixing Valve	All models							
-VF05	0.5 GPM Vandal- Resistant Non-Aerated Outlet	All models							
EC-HARDWIRE	Gang up to 8 faucets/ one power supply	All models							
EC-EASYWIRE	Gang up to 8 faucets/ one power supply	All models							
EC-HYDROGEN	To retrofit to an existing ChekPoint electronic faucet	All models							

All T&S ChekPoint Electronic Faucet models are listed in the two tables on pages CP5-6 with features and options available to customize each sensor faucet.

For any application you may have, T&S Electronic Faucets offer you an unparalleled ability to fulfill your specifications, and are backed by our solid reputation for both reliability and durability.



**EC-3106**Deck-mounted

spout with dual modes





## Above Deck Electronic Faucets







ABOVE DECK Electronic Faucets	EC-3122	EC-3130	EC-3132	
Base Model FEATURES 🗸				
Above Deck Electronics (ADE)	V	~	~	
AC/DC Power	~	~	~	
Adjustable Temperature Control Mixing Valve	V	~	~	
Check Valves	V	~	~	
Swivel Gooseneck		~		
Spout	~		~	
Transformer Plug-In with Split Tail Power Cable (12 ft.)	V	~	~	
2.2 GPM Aerator, Vandal-Resistant (B-0199-09)	V	~	~	
Base Model OPTIONS ★				
Forged Brass Deckplate, 4"	EC-3122-4DP	EC-3130-4DP	EC-3132-4DP	
Forged Brass Deckplate, 8"	EC-3122-8DP	EC-3130-8DP	EC-3132-8DP	
2.2 GPM Laminar Flow Outlet, Vandal-Resistant (-LF22)		EC-3130-LF22	EC-3132-LF22	
0.5 GPM Non-Aerated Outlet, Vandal-Resistant (-VF05)	EC-3122-VF05	EC-3130-VF05	EC-3132-VF05	
1.0 GPM Non-Aerated Outlet, Vandal-Resistant	*	*	*	
EC-EASYWIRE (3 options; p. CP7)	*	*	*	
Hydrogenerator model	EC-3122-HG	EC-3130-HG	EC-3132-HG	
Hydrogenerator as retrofit (EC-HYDROGEN)	*	*	*	
EC-ADEWIRE (33' cable for hardwire installation utilizing EC-HARDWIRE; see p. CP7)	*	*	*	
EC-HARDWIRE (gang install up to eight ADE faucets; see p. CP7)	*	*	*	
Optional side lever for adjustable temperature control		*	*	



EC-3132-4DP



EC-3122-8DP



EC-3130-4DP EC-3130-8DP



EC-3132-4DP EC-3132-8DP

# **Test** Electronic Sensor Faucets

- \* Hands-free washing greatly reduces risk of contamination
- Sensor-operated faucets conserve water and save energy
- Water-resistant circuit control module
- Each model comes with the convenience of electric plug-in (AC) and battery (DC) power options
- ADA-compliant
- Adjustable temperature control mixing valve
- Proven electronic technology
- Adjustable automatic time-out feature
- Adjustable water shut-off delay

- Chrome plated brass
- Troubleshooting LED indicator lights
- Scratch-resistant sensor lens
- Filtered solenoid valve with serviceable strainer filter
- Modular quick-release sensor connections (below deck models only)
- Low battery indicator light
- Pre-assembled with appropriate mounting hardware included
- Vandal-resistant outlets
- Check valves for cross-flow prevention in all models
- Requires no sealants for easy installation



# **Electronic** Sensor Faucets



EC-FAUCETS	EC-3100	EC-3101	EC-3102	EC-3103	EC-3106
Base Model FEATURES 🗸					
AC/DC Power	V	V	~	~	~
Adjustable Temperature Control Mixing Valve	V	V	V	V	~
Check Valves	V	V	~	V	~
Rigid Gooseneck	V	V			
Spout			~	V	~
Dual Mode Electronic or Manual Operation					~
2.2 GPM Aerator, Vandal-Resistant (B-0199-06)	V	V	V	V	~
Transformer Plug-In with Split Tail Power Cable (12 ft.)	V	V	~	~	~
Base Model OPTIONS ★					
Forged Brass Deckplate, 4"	*		EC-3102-4DP		*
Forged Brass Deckplate, 8"	*		EC-3102-8DP		*
2.2 GPM Laminar Flow Outlet, Vandal-Resistant (-LF22)	EC-3100-LF22	EC-3101-LF22	EC-3102-LF22	EC-3103-LF22	*
0.5 GPM Non-Aerated Outlet, Vandal-Resistant (-VF05)	EC-3100-VF05	EC-3101-VF05	EC-3102-VF05	EC-3103-VF05	EC-3106-VF05
1.0 GPM Non-Aerated Outlet, Vandal-Resistant	*	*	*	*	*
Rigid Gooseneck (up to 6")	*	*			
Surgical Bend Gooseneck (-SB)	*	*			
EC-HARDWIRE (see p. CP7)	*	*	*	*	*
EC-EASYWIRE (3 options; p. CP7)	*	*	*	*	*
Side-Mount Control Option (-SM)	EC-3100-SM		EC-3102-SM		
Hydrogenerator (-HG)	EC-3100-HG	EC-3101-HG	EC-3102-HG	EC-3103-HG	EC-3106-HG
Hydrogenerator for Retrofit (EC-HYDROGEN)	*	*	*	*	*
Side-Mount Above Deck Thermostatic Mixing Valve (-SMT; see p. CP7)	*		*		
Below Deck Thermostatic Mixing Valve (-TMV; see p. CP7)	EC-3100-TMV	EC-3101-TMV	EC-3102-TMV	EC-3103-TMV	*





# **ChekPoint Thermostatic Mixing Valves**

The EC-SMT and EC-TMV thermostatic mixing valve options allow you to add a thermostatic mixing valve in either an above deck or below deck installation.

#### Features and benefits for both include:

- Solid low-lead brass construction
- Integral check valves built into hot and cold inlets to prevent backflow and water contamination
- ½" NPSM male fittings easy to connect supply lines
- Filter screens included prevent particles from damaging faucet or solenoid valves
- Tamper resistant temperature limit stop concealed under knob prevents water from exceeding desired maximum temperature
- Compatible with all ChekPoint faucets and accessories, including hydrogenerator
- Fully complies with the following:
  - ASME A112.18.1 / CSA B125.1 ANSI/NSF 61-Section 9
  - California Health and Safety Code 116875 (AB1953-2006)
  - NSF/ANSI 372 Low Lead Content (0.25% Max)
  - ASSE 1070

### EC-TMV:

- Designed for below deck or concealed installations
- Locking knob with color coded index simple to adjust to the desired temperature
- Can be added to any ChekPoint faucet by specifying with a -TMV suffix (i.e. EC-3100-TMV)

#### **EC-SMT**:

- Designed for above deck installations easy access for user to adjust temperature
- Accommodates sink or countertop up to 1<sup>3</sup>/<sub>16</sub>" thickness with holes from 1" to 1<sup>1</sup>/<sub>2</sub>" – universal design for virtually any application
- Polished chrome-plated handle easy to clean, matches finish of all the ChekPoint faucets
- Lever style simple to rotate and operate
- Vandal-resistant handle screw prevents vandals from accessing the temperature limit stop
- Easy to identify temperature markings
- Fully complies with ADA (ICC/ANSI A117.1)



**EC-TMV** 

# **ChekPoint Faucets Ganging Option**

Gang-install up to eight faucets with one power supply

The EC-HARDWIRE and EC-EASYWIRE installation options allow you to gang-install multiple ChekPoint models (up to eight) using only one power supply.

#### Options include:

- EC-HARDWIRE 100-240 VAC Electronic AC transformer to hardwire up to eight (8) electronic ChekPoint faucets to a single power supply
- EC-EASYWIRE 100-240 VAC Plug-in transformer allows up to eight (8) electronic ChekPoint faucets to be ganged to a single power jack on the ChekPoint sensor faucet control module (requires one EC-EASYWIRE4CC connector per faucet)
- EC-EASYWIRE4CC 4' connector cables for EASYWIRE AC transformer connections in a daisy-chain circuit (one EC-EASYWIRE4CC needed for each additional faucet in chain)
- EC-EASYWIRE5EXT 5' extension cables when additional cable length is needed for connections



• EC-ADEWIRE – 33' long cable used for EC-HARDWIRE for each Above Deck Electronic (ADE) faucet





### Electronic Sensor Faucets



# **ChekPoint Faucet Gooseneck Options**

For EC-3100 and EC-3101 models:

 Choice of any T&S Rigid Gooseneck on EC-3100 and EC-3101 faucet body models (up to 6" spread)

Ex: Specify an EC-3100-LN with a 122X rigid gooseneck

**Note**: In order to stay within the full range of the sensor, gooseneck spreads are limited to 6" max.

### **ChekPoint Faucet Components**

Included with all below deck models:

- 1 Vandal-Resistant Outlet Key
- 2 Installation Tool Tee Wrench (EC-3100, EC-3102 and EC-3103 models only)
- 3 Faucet Body with Sensor Connection
  (plugged into Control Module; EC-3100 faucet body shown)
- 4 Stainless Steel Braided Water Hose
- 5 Hot and Cold Stainless Steel Braided Water Hoses with Standard Adjustable Mixing Valve
- 6 Water Resistant Control Module (with door open to show four AA batteries)
- 7 12' long Plug-in Wall Transformer with Split Tail Power Cable (AC, standard)
- 8 Mechanical Mixing Valve (except for -SM, -SMT and -TMV models)

#### Options for all models:

- **9 EC-HYDROGEN Hydrogenerator** (-HG option, or retrofit to existing ChekPoint by ordering EC-HYDROGEN)
- **10** Side-Mount Above Deck Thermostatic Mixing Valve (-SMT option, or retrofit to existing ChekPoint by ordering EC-SMT)
- **11** Thermostatic Mixing Valve (-TMV option, or retrofit to existing ChekPoint by ordering EC-TMV)

# **ChekPoint Deckplates**

To add a deckplate to an existing ChekPoint Electronic Faucet, order with these part numbers for each EC- faucet.

EC-model	4" Deckplate	8" Deckplate
EC-3100	013433-40	013434-40
EC-3101	n/a	n/a
EC-3102	013433-40	013434-40
EC-3103	n/a	n/a
EC-3106	013433-40	013434-40
EC-3122	018282-40	018507-40
EC-3130	013433-40	013434-40
EC-3132	013433-40	013434-40





### **Electronic** Sensor Faucets

#### **ChekPoint Electronic Faucets**

#### Typical Below Deck Installation

Installation is simple with ChekPoint faucets:

- 1 Mount Faucet (Deck- or Wall-Mount)
- 2 Mount Controller to Wall Below Sink
- 3 Connect Supply Lines
- 4 Connect Sensor Cable from Faucet to Controller

Choose Your Power Options:

- 5 Mount and Attach EC-HYDROGEN Hydrogenerator (-HG Models Only)
- 6 Four 'AA' Batteries (D/C, Included)
- 7 Electric Plug-In Wall Transformer, 12' Split Tail (AC, Included)



All components are clearly packaged for ease of assembly.





#### Other Technical Data

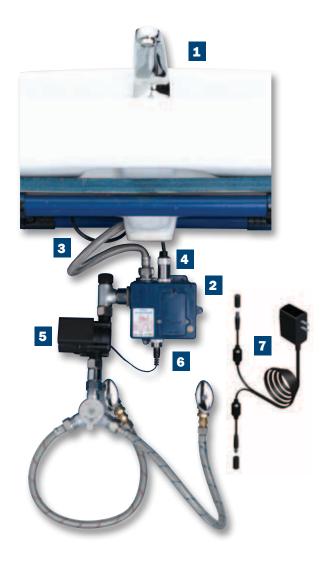
Consult the applicable T&S Brass "Installation and Maintenance Instructions for ChekPoint Faucets" booklet for a complete guide to installing and maintaining your faucet.

#### Replacement Parts

A full range of replacement and repair parts are available for ChekPoint faucets with a list in the applicable ChekPoint "Installation and Maintenance Instructions" booklet.

### **Limited Three Year Warranty**

T&S warrants ChekPoint faucets to be free from defects in material and workmanship for a period of three (3) years from the date of purchase.











# **Chekpoint™ Electronic Sensor Faucets**

All models have:

· Vandal-resistant aerator

• AC/DC control module (electric plug-in and battery)

#### EC-3100 **Electronic Faucet**

- Chrome plated brass electronic faucet
- Deck-mounted rigid gooseneck
- B-0199-06 vandal-resistant aerator
- Height: 11" (279 mm)
- Spread: 4-1/8" (105 mm)
- Clearance: 7" (178 mm)
- (2) 18" (457 mm) long flexible supply hoses with 3/8" compression fittings
- Furnished with vandal-resistant key
- Other rigid goosenecks can be specified
- Includes 1/8" dia. anti-rotation pin
- Mechanical temperature mixing valve with integral check valves





	Rigid Gooseneck
1/2" NPSM 1/4 NPSM 1	
(457 mm) Flexible S.S Hose	100-240 VAC Adapter with
Temperat Mixing Va	
	others S.S. Hose

MODEL	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
EC-3100	Rigid	11"	7"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	Υ	
EC-3100-120X	Rigid	12"	6-1/2"	5-1/2"	B-0199-06 VR aerator	2.2 GPM	γ	120X gooseneck
EC-3100-LF22	Rigid	11"	7"	4-1/8"	B-0199-21-VRF VR laminar flow device	2.2 GPM	Υ	
EC-3100-HG	Rigid	11"	7"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	γ	Includes EC-HYDROGEN hydrogenerator
EC-3100-LN	Rigid	2-1/4"	_	_	_	_	Υ	Less nozzle/aerator
EC-3100-LF22-SB	Rigid	13"	7-5/8"	8-1/16"	B-0199-21-VRF VR laminar flow device	2.2 GPM	Υ	Surgical bend gooseneck w/ VR laminar flow device; (see photo above)
EC-3100-SM	Rigid	11-5/16"	7-5/16"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	Υ	Side-mount mechanical mixer (B-2740); includes 10" wide deck plate
EC-3100-SM-4DP	Rigid	11-5/16"	7-5/16"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	Υ	Includes 6" wide deck plate
EC-3100-SMT4	Rigid	11-5/16"	7-5/16"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	Υ	Includes EC-SMT above deck side mount adj. thermostatic mixing valve; 6-1/2" wide deck plate
EC-3100- SMT4V05	Rigid	11-5/16"	7-5/16"	4-1/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Υ	Includes EC-SMT above deck side mount adj. thermostatic mixing valve; 6-1/2" wide deck plate
EC-3100-SMT8	Rigid	11-5/16"	7-5/16"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	Y	Includes EC-SMT above deck side mount adj. thermostatic mixing valve; 10" wide deck plate
EC-3100- SMT8V05	Rigid	11-5/16"	7-5/16"	4-1/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Y	Includes EC-SMT above deck side mount adj. thermostatic mixing valve; 10" wide deck plate
EC-3100-TMV	Rigid	11"	7-5/16"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	Y	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves
EC-3100- TMV4V05	Rigid	11-5/16"	7-5/8"	4-1/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Υ	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves; 6" wide deck plate
EC-3100- TMVHGF10	Rigid	11"	7-5/16"	4-1/8"	B-0199-06-F10 VR aerator	1.0 GPM	Υ	Includes EC-HYDROGEN hydrogenerator power supply and EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves
EC-3100-VF05	Rigid	11"	7-5/16"	4-1/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Y	
EC-3100-VF5-TMV	Rigid	11"	7-5/16"	4-1/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Υ	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves
EC-3100-XP-LF10	Rigid (120XP)	11-1/4"	5-1/2"	5-1/2"	Plain end	1.0 GPM	N	Includes 1.0 GPM flow control check valve

### near Faucate

## **Chekpoint™ Electronic Sensor Faucets**

All models have: 
• Vandal-resistant aerator

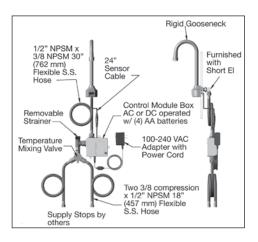
AC/DC control module (electric plug-in and battery)



#### EC-3101 Electronic Faucet

- Chrome plated brass electronic faucet
- Wall-mounted rigid gooseneck
- B-0199-06 vandal-resistant aerator
- Height: 11" (280 mm)
- Spread: 4-1/8" (104 mm)
- Clearance: 5-5/8" (143mm)
- (2) 18" (457 mm) long flexible supply hoses with 3/8" compression fittings
- Furnished with vandal-resistant key
- Other rigid goosenecks can be specified
- Includes anti-rotation screw
- Mechanical temperature mixing valve with integral check valves





MODEL	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
EC-3101	Rigid	11"	5-5/8"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	γ	
EC-3101-HG	Rigid	11"	5-5/8"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	Υ	Includes EC-HYDROGEN hydrogenerator power supply
EC-3101-LF22	Rigid	11"	5-5/8"	4-1/8"	B-0199-21-VRF VR laminar flow device	2.2 GPM	Y	
EC-3101-LN	_	2-3/16"	-	_	-	_	_	Less nozzle/aerator
EC-3101-LF22-SB	Rigid	11-5/8"	6-3/16"	8-1/16"	B-0199-21-VRF VR laminar flow device	2.2 GPM	Y	Surgical bend gooseneck
EC-3101-TMV	Rigid	11"	5-5/8"	4-1/8"	B-0199-06 VR aerator	2.2 GPM	Υ	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves
EC-3101- TMVHGF10	Rigid	11"	7-5/16"	4-1/8"	B-0199-06-F10 VR aerator	1.0 GPM	Υ	Includes EC-HYDROGEN hydrogenerator power supply and EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves
EC-3101-VF05	Rigid	11"	5-5/8"	4-1/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Υ	
EC-3101-VF5- TMV	Rigid	11"	5-5/8"	4-1/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Υ	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves
EC-3101-XP-LF10	Rigid (120XP)	11-5/32"	4-15/16"	5-1/2"	Plain end	1.0 GPM	Υ	Includes 1.0 GPM flow control check valve

VR Vandal-resistant



To order the standard
CheckPoint™ Sensor
Faucet models to include
the **Hydro-generator**(add -HG) to:

EC-3100-HG EC-3101-HG EC-3102-HG

EC-3103-HG EC-3106-HG



To order the standard
CheckPoint™ Sensor Faucet
models to include the
side-mount above deck
Thermostatic mixing
valve (add -SMT) to:

EC-3100-SMT EC-3102-SMT



To order the standard
CheckPoint™ Sensor Faucet
models to include the below
deck Thermostatic mixing
valve (add -TMV) to:

EC-3100-TMV EC-3101-TMV EC-3102-TMV EC-3103-TMV EC-3106-TMV

# NEW Models!

### **Chekpoint™ Electronic Sensor Faucets**

All models have:

• Vandal-resistant aerator

• AC/DC control module (electric plug-in and battery)

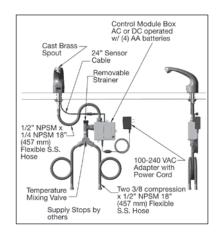


#### EC-3102 Electronic Faucet

- Chrome plated brass electronic faucet
- Single hole deck-mounted cast spout
- B-0199-08 vandal-resistant aerator
- Height: 5-1/16" (129 mm)
- Spout length: 4-7/8" (124 mm)
- Clearance: 4-1/16" (103 mm)
- (2) 18" (457 mm) long flexible supply hoses with 3/8" compression fittings
- Furnished with vandal-resistant key
- Includes 1/8" dia. anti-rotation pin
- Mechanical temperature mixing valve with integral check valves







MODEL	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
EC-3102	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08 VR aerator	2.2 GPM	Υ	
EC-3102-HG	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08 VR aerator	2.2 GPM	Υ	Includes EC-HYDROGEN hydrogenerator power supply
EC-3102-LF22	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-28-VRF VR laminar flow device	2.2 GPM	Υ	
EC-3102-SM	Cast Spout	5-3/8"	4-3/8"	4-7/8"	B-0199-08 VR aerator	2.2 GPM	Υ	Side-mount mechanical mixer (B-2740); includes 10" wide deck plate
EC-3102-SMT4	Cast Spout	5-3/8"	4-3/8"	4-7/8"	B-0199-08 VR aerator	2.2 GPM	Υ	Includes EC-SMT above deck side mount adj. thermostatic mixing valve; 6-1/2" wide deck plate
EC-3102-SMT4V05	Cast Spout	5-3/8"	4-3/8"	4-7/8"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Υ	Includes EC-SMT above deck side mount adj. thermostatic mixing valve; 6-1/2" wide deck plate
EC-3102-SMT8	Cast Spout	5-3/8"	4-3/8"	4-7/8"	B-0199-08 VR aerator	2.2 GPM	Υ	Includes EC-SMT above deck side mount adj. thermostatic mixing valve; 10" wide deck plate
EC-3102-SMT8V05	Cast Spout	5-3/8"	4-3/8"	4-7/8"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Υ	Includes EC-SMT above deck side mount adj. thermostatic mixing valve; 10" wide deck plate
EC-3102-TMV	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08 VR aerator	2.2 GPM	Υ	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves
EC-3102- TMV4V05	Cast Spout	5-3/8"	4-3/8"	4-7/8"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Y	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves; 6" wide deck plate
EC-3102-VF05	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Y	
EC-3102-VF5-TMV	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Υ	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves

12

### **Chekpoint™ Electronic Sensor Faucets**

All models have: 
• Vandal-resistant aerator

• AC/DC control module (electric plug-in and battery)

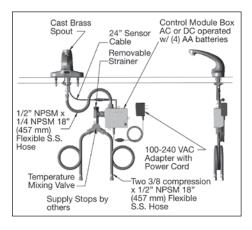
# E

#### EC-3103 Electronic Faucet

- Chrome plated brass electronic faucet
- Deck-mounted cast spout
- 4" centers mounting posts
- B-0199-08 vandal-resistant aerator
- Height: 5-1/16" (129 mm)
- Spout length: 4-7/8" (124 mm)
- Clearance: 4-1/16" (103 mm)
- Furnished with vandal-resistant key
- Mechanical temperature mixing valve with integral check valves



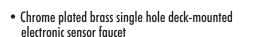




MODEL	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
EC-3103	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08 VR aerator	2.2 GPM	Υ	
EC-3103-HG	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08 VR aerator	2.2 GPM	Υ	Includes EC-HYDROGEN hydrogenerator power supply
EC-3103-LF22	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-28 VR laminar flow device	2.2 GPM	Υ	
EC-3103-TMV	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08 VR aerator	2.2 GPM	Υ	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves
EC-3103-VF05	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Υ	
EC-3103-VF5- TMV	Cast Spout	5-1/16"	4-1/16"	4-7/8"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Υ	Includes EC-TMV ASSE 1070 thermostatic temp. mixing valve with integral check valves

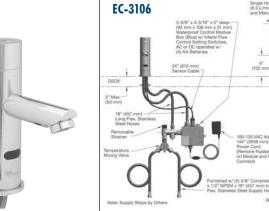
VR Vandal-resistant

# EC-3106 Electronic Faucet with Manual Override



- Cast spout with 2.2 GPM (8.3 LPM) vandal-resistant aerator and manual bypass operation
- Modular assembly for easy installation (Note: supply stops to be supplied by others)
- AC/DC waterproof control module box with serviceable strainer filter
- (2) 3/8" compression, 18" (457 mm) long flexible stainless steel hot and cold water supply hoses
- Check valve assembly for crossflow prevention
- Hands-free washing reduces risk of contamination and saves water
- Mechanical temperature mixing valve with integral check valves





MODEL	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
EC-3106	Cast Spout	8-3/4"	5-1/2"	4-1/4"	B-0199-09 VR aerator	2.2 GPM	γ	
EC-3106-HG	Cast Spout	8-3/4"	5-1/2"	4-1/4"	B-0199-09 VR aerator	2.2 GPM	Υ	Includes EC-HYDROGEN hydrogenerator power supply
EC-3106-VF05	Cast Spout	8-3/4"	5-1/2"	4-1/4"	B-0199-09-N05 VR non-aerated spray device	0.5 GPM	Υ	

VR Vandal-resistant

#### **ChekPoint™ Faucets with Above Deck Electronics and Temperature Control**





- \*\*\*ChekPoint™
- Chrome plated brass single hole deck-mounted electronic sensor faucet
- Above deck electronics for easy installation and maintenance
- Chrome plated brass body
- Temperature mixing handle
- (2) 3/8" compression, 19" (483 mm) long flexible stainless steel hot and cold water supply hoses
- 2.2 GPM vandal-resistant aerator (B-0199-09)
- Check valve adapters for crossflow prevention
- AC/DC power option
- Hands-free washing reduces risk of contamination and saves water
- Up to (8) eight models can be ganged together using EC-HARDWIRE





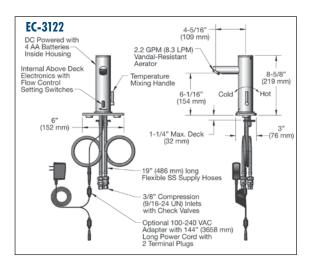
A recommended 2012 Money-Saving Product in BUILDINGS magazine

MODEL	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
EC-3122	Spout	8-5/16"	5-3/4"	4-5/16"	B-0199-09 VR aerator	2.2 GPM	Y	
EC-3122-4DP	Spout	8-5/8"	6-1/16"	4-5/16"	B-0199-09 VR aerator	2.2 GPM	Υ	4" centers forged brass chrome plated deckplate
EC-3122-8DP	Spout	8-5/8"	6-1/16"	4-5/16"	B-0199-09 VR aerator	2.2 GPM	Υ	8" centers forged brass chrome plated deckplate
EC-3122-HG	Spout	8-5/16"	5-3/4"	4-5/16"	B-0199-09 VR aerator	2.2 GPM	Υ	EC-HYDROGEN hydrogenerator power supply; optional AC/DC power
EC-3122-VF05	Spout	8-5/16"	5-3/4"	4-5/16"	B-0199-09-N05 non-aerated spray device	0.5 GPM	Υ	

VR Vandal-resistant



EC-3122-8DP



#### **EC-3122 ChekPoint Sensor Faucet Accessories and Replacement Parts**

018227-45	Battery Holder for EC-3122 ChekPoint Electronic Sensor Faucet
018230-45	Temperature Control Handle with Screw, EC-3122
018232-45	Check Valve Adapter Assembly, EC-3122
018233-45	Mounting Hardware Kit, EC-3122
018160-40	Cap for EC-3122 Chekpoint Electronic Sensor Faucet



#### **ChekPoint™ Faucets with Above Deck Electronics and Temperature Control**



#### EC-3130 **Electronic Faucet**





- Chrome plated brass single hole deck-mounted electronic sensor faucet
- Above deck electronics for easy installation and maintenance
- Chrome plated brass body
- Swivel/rigid gooseneck (includes lock washer for rigid conversion)
- 2.2 GPM vandal-resistant aerator; includes vandal-resistant key (B-0199-06)
- Temperature mixing handle with color coded index
- Optional plug replaces lever handle when pre-setting temperature
- Modular assembly for easy installation (Note: supply stops to be supplied by others)
- (2) 3/8" compression, 19" (483 mm) long flexible stainless steel hot and cold water supply hoses
- Check valve adapters for crossflow prevention
- AC/DC power option

EC-3130-XP-F15

- Hands-free washing reduces risk of contamination and saves water
- IIn to (8) eight models can be ganged together using EC-HARDWIRE

MODEL	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
EC-3130	Swivel Gooseneck	11-1/16"	6-3/4"	5-7/16"	B-0199-06 VR aerator	2.2 GPM	Υ	Optional conversion to rigid requires lock washer (included)
EC-3130-4DP	Swivel Gooseneck	11-3/8"	7-1/16"	5-7/16"	B-0199-06 VR aerator	2.2 GPM	Υ	4" centers forged brass chrome plated deckplate
EC-3130-8DP	Swivel Gooseneck	11-3/8"	7-1/16"	5-7/16"	B-0199-06 VR aerator	2.2 GPM	Υ	8" centers forged brass chrome plated deckplate
EC-3130-HG	Swivel Gooseneck	11-1/16"	6-3/4"	5-7/16"	B-0199-06 VR aerator	2.2 GPM	Υ	Includes EC-HYDROGEN hydrogenerator power supply; optional AC/DC power
EC-3130-LF22	Swivel Gooseneck	11-1/16"	6-3/4"	5-7/16"	B-0199-21-VRF VR laminar flow device	2.2 GPM	Υ	
EC-3130-LN	_	-	-	-	-	-	_	Less gooseneck/aerator
EC-3130-ST- VF05	Swivel Gooseneck	11-1/16"	6-3/4"	5-7/16"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Υ	Single temperature; lever handle replaced with plug
EC-3130-VF05	Swivel Gooseneck	11-1/16"	6-3/4"	5-7/16"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Υ	
EC-3130-XP-F10	Swivel Gooseneck	10-11/16"	6-3/4"	5-11/16"	Plain end	1.0 GPM	Υ	1.0 GPM Flow regulator swivel piece

Plain end

VR Vandal-resistant

1.5 GPM Flow regulator swivel piece



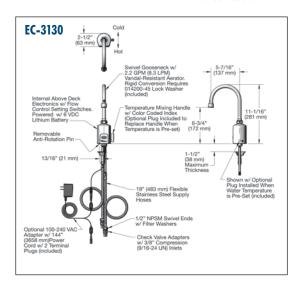
10-11/16"

Swivel Gooseneck

EC-3130-8DP

6-3/4"

5-11/16"



1.5 GPM



CP 15



# **ChekPoint™ Faucets with Above Deck Electronics and Temperature Control**



# EC-3132 Electronic Faucet





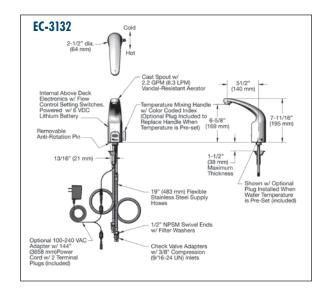
- Chrome plated brass single hole deck-mounted electronic sensor faucet
- Above deck electronics for easy installation and maintenance
- Chrome plated brass body
- Temperature mixing handle with color coded index
- Cast spout
- 2.2 GPM vandal-resistant aerator; includes vandal-resistant key (B-0199-08)
- Optional plug replaces lever handle when pre-setting temperature
- Modular assembly for easy installation (Note: supply stops to be supplied by others)
- (2) 3/8" compression, 19" (483 mm) long flexible stainless steel hot and cold water supply hoses
- Check valve adapters for crossflow prevention
- AC/DC power option
- Hands-free washing reduces risk of contamination and saves water
- Up to (8) eight models can be ganged together using EC-HARDWIRE



MODEL	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
EC-3132	Cast Spout	7-1/16"	6-5/8"	5-1/2"	B-0199-08 VR aerator	2.2 GPM	Υ	
EC-3132-4DP	Cast Spout	8"	6-15/16"	5-1/2"	B-0199-08 VR aerator	2.2 GPM	Υ	4" centers forged brass chrome plated deckplate
EC-3132-8DP	Cast Spout	8"	6-15/16"	5-1/2"	B-0199-08 VR aerator	2.2 GPM	Υ	8" centers forged brass chrome plated deckplate
EC-3132-HG	Cast Spout	7-11/16"	6-5/8"	5-1/2"	B-0199-08 VR aerator	2.2 GPM	Υ	Includes EC-HYDROGEN hydrogenerator power supply; optional AC/DC power
EC-3132-LF22	Cast Spout	7-11/16"	6-5/8"	5-1/2"	B-0199-28 VR laminar flow device	2.2 GPM	Υ	
EC-3132-ST- VF05	Swivel Gooseneck	11-1/16"	6-3/4"	5-7/16"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	Υ	Single temperature; lever handle replaced with plug
EC-3132-VF05	Cast Spout	7-11/16"	6-5/8"	5-1/2"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Υ	

VR Vandal-resistant







### **ChekPoint™ Electronic Faucets / Model Options**

# **Tes** ChekPoint™

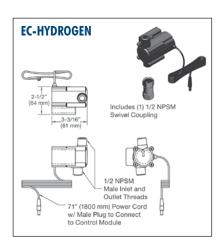


#### EC-HYDROGEN Hydrogenerator Accessory For ChekPoint™ Faucets

- Hydrogenerator with 1/2 NPSM male inlet and outlet threads
- Accessory for all ChekPoint™ electronic sensor faucets
- Includes generator, (1) 1/2 NPSM swivel coupling
- 71" (1800 mm) power cord with male plug to connect to control module
- Average estimated lifespan for EC-HYDROGEN is ten years (estimate based on 1 million cycles in lab testing; individual results may differ)
- To order the standard CheckPoint<sup>™</sup> Sensor Faucet models to include the hydrogenerator, add -HG, ie.: EC-3100-HG
- Order EC-HYDROGEN to retrofit hydrogenerator to any EC-model

Note: Minimum flow rate of 1.0 GPM is required for applications using EC-HYDROGEN





# EC-SMT Side-Mount Thermostatic Mixing Valve

- Side-mount above deck thermostatic mixing valve
- Polished chrome-plated handle with vandalresistant screw
- Designed for point-of-use temperature adjustment
- Universal design accomodates virtually any application; countertops up to 1-3/16" thick, holes from 1" to 1-1/2" diameter
- Available for EC-3100 and EC-3102 models



To order the standard CheckPoint™
Sensor Faucet models to include
the side-mount thermostatic
mixing valve (add -SMT):

EC-3100-SMT EC-3102-SMT

Note: these are the only two EC-models available with -SMT

# EC-TMV Thermostatic Mixing Valve

- Thermostatic mixing valve with 1/2" NPSM male fittings
- Tested and certified to ASSE 1070
- Integral check valves with filter washers in hot and cold inlets
- Tamper resistant locking adjustment knob prevents water from exceeding pre-set maximum temperature
- Can be added to any ChekPoint<sup>™</sup> faucet; specify with -TMV suffix



To order the standard CheckPoint™

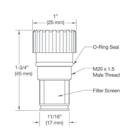
Sensor Faucet models to include the thermostatic mixing valve (add -TMV):

EC-3100-TMV EC-3106-TMV EC-3101-TMV EC-3122-TMV EC-3102-TMV EC-3130-TMV EC-3132-TMV

# EC-FILTER Electronic Faucet

• Replacement filter for ChekPoint™ control module





CP 17



Introducing the T&S Brass

EC-Hydrogen Series ChekPoint™ Electronic Sensor Faucets with Hydrogenerator

# Imagine a faucet which generates and stores its own power through the flow of water!

All of our ChekPoint<sup>™</sup> Electronic Sensor Faucets can all be ordered or easily modified with a EC-HYDROGEN hydrogenerator. It is one of three power options for the T&S Brass ChekPoint<sup>™</sup> product line.

The kit includes a female-to-female ½ NPSM swivel adapter, a hydrogenerator with ½ NPSM inlet and outlet and attached power cord for connection to the existing sensor faucet control module. The use of the T&S ChekPoint<sup>TM</sup> EC-HYDROGEN and/or T&S ChekPoint<sup>TM</sup> Electronic Faucets may help qualify towards credits for LEED certification.

### **Operation**

Imagine having a self-sustaining power source for your ChekPoint<sup>TM</sup> sensor faucets and no longer needing to only rely on batteries or transformers. Hydroelectric power – energy harnessed from moving water – is a form of renewable energy.

Using this principle, our hydrogenerator produces energy to power our ChekPoint<sup>TM</sup> sensor faucets. Water enters the hydrogenerator and passes by a turbine causing it to rotate. The hydrogenerator uses part of this rotational energy to power the sensor faucets. The remaining energy generated is saved and stored in the hydrogenerator for later use. The unit can store power for up to eight months with no cycling.

The average estimated lifespan for **EC-Hydrogen** is ten years (estimate based on 1 million cycles in lab testing; individual results may differ).

FC-3103

EC-3101











EC-3106

EC-3100

EC-3100-

LF22-SB

EC-3102











# Tas

### **ChekPoint™ Electronic Faucets / Installation Options**



- Gang-install up to eight faucets with one power supply, saving installation time and money!
- Available for all ChekPoint Electronic Sensor Faucets

#### EC-EASYWIRE ChekPoint™ Installation Kit

- 100-240 VAC Plug-in transformer
- 76" long power cord
- Allows up to eight (8) electronic ChekPoint faucets to be ganged to a single power jack
- Requires one EC-EASYWIRE4CC connector per faucet
- Compliant with CEC Appliance Efficiency Regulations CEC-400-2007-016-REV1



#### EC-EASYWIRE4CC ChekPoint™ Installation Kit

- 4' connector cables for EasyWire AC transformer connections in a daisy chain circuit
- One EC-EASYWIRE4CC connector is needed for each additional faucet in chain



#### EC-EASYWIRE5EXT ChekPoint™ Installation Kit

 5' extension cables when additional cable length is needed for connections

#### EC-HARDWIRE ChekPoint™ Installation Kit

- Electronic AC transformer, input 100-240 VAC, 47-63 Hz
- Terminal block allows you to hardwire up to eight (8) ChekPoint faucets to a single power supply
- Connect to terminals on back of ChekPoint Control Module
- Mounting plate serves as lid for standard size conduit box (box not included)
- Note: wiring supplied by others



# EC-ADEWIRE ChekPoint™ Installation Kit for Above Deck Electronic Faucets (ADE)

33' long cable used for EC-HARDWIRE for each Above Deck Electronic (ADE) faucet

# **ChekPoint™ Electronic Faucets / Deckplate Options**

# Electronic Faucet Deckplate Part Numbers

 To add a deckplate to an existing ChekPoint Electronic Faucet, order with these part numbers for each EC- faucet model

<b>EC-models</b>	4" Deckplate	8" Deckplate
EC-3100	013433-40	013434-40
EC-3101	n/a	n/a
EC-3102	013433-40	013434-40
EC-3103	n/a	n/a
EC-3106	013433-40	013434-40
EC-3122	018282-40	018507-40
EC-3130	013433-40	013434-40
EC-3132	013433-40	013434-40





### ChekPoint™ Electronic Faucets / EC-3100 and EC 3101 Model Option



- EC-3100 and EC-3101 you can specify any T&S rigid gooseneck listed below as an option
- The standard EC-3100 and EC-3101 have a rigid gooseneck with B-0199-06 vandal-resistant aerator, 2.2 GPM

#### Rigid Gooseneck



 Nozzle tip has 3/8" NPSM outlet with a stream regulator

Note: Use Series 2 outlets on these goosenecks





Note: In order to stay within the full range of the sensor, it is recommended that gooseneck spreads be limited to 6" max.

Model No.	Standard Spre		Height		Clearance
119X	2-5/8	3" (67 mm)	8-3/4" (22	2 mm)	5-1/4" (133 mm)
120X	5-1/2	" (140 mm)	10-1/4" (20	60 mm)	5-1/4" (133 mm)
120X-LAM	5-9/1	6" (141 mm)	10-1/4" (2	60 mm)	4-13/16" (122 mm)
120X-LAM	<b>-VR</b> 5-9/1	6" (141 mm)	10-1/4" (2	60 mm)	4-3/4" (121 mm)
122X	5-1/2	" (140 mm)	11-1/2" (29	92 mm)	6-1/2" (165 mm)
123X	5-1/2	" (140 mm)	12-1/2" (3	18 mm)	7-1/2" (191 mm)
124X	5-1/2	" (140 mm)	13-1/2" (3	43 mm)	8-1/2" (216 mm)
125X	5-1/2	!" (140 mm)	14-1/2" (3	68 mm)	9-1/2" (241 mm)
126X	5-1/2	!" (140 mm)	5-1/2" (14	0 mm)	10-1/2" (267 mm)
165X	4-1/1	6" (103 mm)	9-1/4" (23:	5 mm)	5-13/16" (148 mm)

**-LAM** Laminar Flow Outlet **-VR** Vandal-Resistant

# Rigid Gooseneck/Stream Regulator: 120XM Master Box (6)

# Rigid Gooseneck/Plain End Spout:

120XP Same as 120X except with plain end 122XP Same as 122X except with plain end

### **ChekPoint™ Electronic Faucet / EC-3130-LN Model Option**

- EC-3130-LN you can specify any T&S swivel gooseneck listed below as an option
- The standard EC-3130 has a swivel gooseneck (018490-40) with B-0199-06 vandal-resistant aerator,
   2.2 GPM

#### Swivel Gooseneck



 Nozzle tip has male threads with a stream regulator

Note: Use Series 2 outlets on these goosenecks except for 131X and 133X, which use Series 1 outlets



#### Swivel Gooseneck/Plain End Spout:

131XP Same as 131X except with plain end 132XP Same as 132X except with plain end

133XP Same as 133X except with plain end

Note: XP = Plain end

Note: In order to stay within the full range of the sensor, it is recommended that gooseneck spreads be limited to 6" max.

Model Si No.	tandard Sizes Spread	Height	Clearance	Outlet/Series
131X	2-13/16" (71 mm)	4-11/16" (119 mm)	2-3/16" (56 mm)	B-PT (Series 1)
132X	2-5/8" (67 mm)	9" (229 mm)	5-7/16" (138 mm)	B-LT (Series 2)
133X	5-11/16" (144 mm)	10-5/16" (262 mm)	6-1/4" (159 mm)	B-PT (Series 1)
133X-AER	5-3/4" (146 mm)	10-5/16" (262 mm)	5-13/16" (148 mm)	B-0199-01 (Ser. 1)
133X-LAM	5-3/4" (146 mm)	10-5/16" (262 mm)	5-13/16" (148 mm)	B-0199-21 (Ser. 1)
133X-LAM-V	<b>R</b> 5-3/4" (146 mm)	10-5/16" (262 mm)	5-13/16" (148 mm)	B-0199-21-VRF (1)

-AER Aerator -LAM Laminar Flow Outlet -VR Vandal-Resistant

#### Swivel Gooseneck/Stream Regulator:

131X-ADA ADA gooseneck

121VM Master Den //\

**131XM** Master Box (6)

**132XM** Master Box (6)

**133XM** Master Box (6)

**135XM** Master Box (6)



# The Hands-Free Ease of a T&S Sensor Faucet...

# ...and the Reliability of a Pre-Rinse Unit!

# The Newest T&S Ware-Washing Faucet is a Hybrid: Meet the ECR-D0810-107 ChekPoint™ Rinse Faucet

We've combined the reliability of a ChekPoint<sup>™</sup> sensor faucet with the outstanding rinsing ability of a B-0107 spray valve. The result: the **ECR-D0810-107 ChekPoint Rinse Faucet** with pre-rinse capabilities.

T&S engineers designed this model to meet the needs of unique ware-washing applications where something more than our traditional pre-rinse unit is needed.

The ECR-D0810-107 Rinse Faucet

has a rigid 90° riser with a 360° swivel which effectively allows the user to direct the B-0107 spray head wherever it is most needed.

# ECR-D0810-107 FEATURES

- The easy installation of a T&S
   ChekPoint deck-mount electronic
   sensor faucet with below-deck electronics
- Heavy-duty brass construction
- Mechanical temperature mixing valve
- Integral check valves for crossflow prevention
- Transformer plug-in with 12 ft. split tail power cable; additional power options available
- Rigid 90° riser and reliable B-0107 spray outlet with water-saving 1.42 GPM (EPAct 2005 compliant)



Other options may be available, including:

- T&S rigid nozzle (rigid gooseneck shown, above right)
- Choice of any T&S spray outlet (B-0107-C spray head shown, right)

#### **COMPLIANCES**

 ASME A112.18.1/CSA B125.1 ANSI A117.1 (ADA) UL 1951







ECR-D0810-107

ChekPoint<sup>™</sup>



www.tsbrass.com

T&S Brass and Bronze Works, Inc.

2 Saddleback Cove • P.O. Box 1088 • Travelers Rest, SC 29690 Toll-free 800-476-4103 • Phone 864-834-4102

Fax 800-868-0084





## **ChekPoint™ Ware Washing Faucet**





#### ECR-D0810-107 ChekPoint Electronic Rinse Faucet



NEW! ChekPoint electronic faucet with pre-rinse capabilities, designed for specific ware-washing applications

- Chrome plated brass single hole electronic sensor faucet
- Deck-mounted rigid nozzle with ball joint swivel
- B-0107 spray head (1.42 GPM)
- Height: 15" (381 mm)Spread: 8" (203 mm)
- Clearance: 10" (254 mm)
- (2) 18" (457 mm) long flexible supply hoses with 3/8" compression fittings
- Other rigid goosenecks can be specified
- Other T&S spray outlets can be specified (with 1.42 GPM or less)

#### Features:

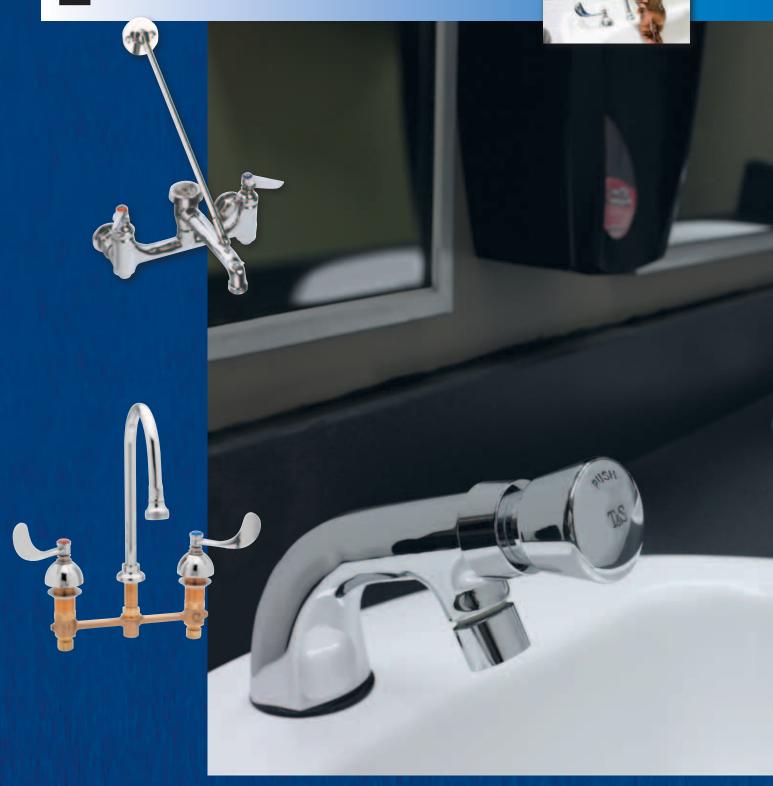
- Reliable and robust below-deck electronics
- 12 ft. plug-in wall transformer with split-tail with additional power options available; includes (4) 'AA' batteries
- Mechanical temperature mixing valve
- Programmable auto time out, water shut-off delay and auto flush functions
- Integral filter screens prevent particles from damaging faucet or solenoid valve
- Integral check valves to prevent back flow and water contamination
- Anti-rotation pin for positive location on mounting surface



See page CP21 1	for more	in	format	ioi
about this mode	el			

L	7	j	
9	7	2	

Institutional, Medical and Lab Products











# **G-11** General Product Catalog

#### **Table of Contents**

# Institutional, Medical and Lab Products – D

# INTRODUCTORY PAGES NEW FEATURED T&S PRODUCTS

 B-3400/B-3500 Series Pressure Balancing Shower Valves and Threaded Connections, p. D54-58

#### Single Lever Faucets ...... D4-6

 Single Lever Faucets, Deck and Side Mount, Centerset, Swivel, Rigid and Gooseneck Assemblies

### Lavatory Faucets ......D7-31

• EasyInstall Rigid Lavatory Faucets	D7-8, 13
<ul> <li>EasyInstall Swivel Lavatory Faucets</li> </ul>	D9-13
• EasyInstall Cast Basin Spout Faucets	D14
<ul> <li>Concealed Widespread Faucets with</li> </ul>	
Adjustable Centers	D15-17
• Lavatory Faucets with Rigid Gooseneck	D18
• Lavatory Faucets with Swivel Gooseneck	D19
• Lavatory Faucets with Cast Basin Spout	D20
<ul> <li>Centerset Faucets with or without</li> </ul>	
Pop-Up Drain Assembly	D21-22
<ul> <li>Pop-Up Drain Assemblies</li> </ul>	D22
<ul> <li>Pivot Action Metering Faucets</li> </ul>	D23-24
<ul> <li>Slow Self-Closing Metering Faucets</li> </ul>	D25-30
Surgical Sink Faucets	D31

#### 

Single and Double Pedal Valves	D32-33
• Knee Valves	D33
Dummy Goosenecks	D34-36
<b>NEW!</b> Bubblers and Bubblers with	
Water Filtration	D37

#### Service Sink and Sill Faucets ........ D38-49

• Service	e Sink Faucets with Elevated	
Vacuui	n Breakers	D38
• Service	Sink Faucets with Built-In Stops	D39-46
• Service	e Sink/Mop Sink Faucets	
and A	ccessories	D47
• Sill and	d Heavy Duty Sink Faucets	D48-49





Looking for Nozzles, Aerators, Goosenecks and Handles? See Our NEW Accessories section in the G-11

Bedpan Washers D50	-51
Bath and Shower D52	-59
<ul> <li>Concealed Single Valves</li> <li>Concealed Bypass Mixing Valves</li> <li>Accessories and "Shower Queen"</li> </ul>	D52 D52
Personal Spray Assemblies	D53, 59
<b>NEW!</b> Pressure Balancing Shower Valves – B-3200 and B-3400 series, Sweat	D3, 54-58
Connections / 2.5 and 1.5 GPM  – B-3300 and B-3500 series, Threade	D55, 57 d
Connections / 2.5 and 1.5 GPM	D56, 58
<ul> <li>Bath and Shower Combinations</li> </ul>	D59
Vacuum Breaker Assemblies <b>D60</b>	
Laboratory Products D62	-76
<ul><li>Lab Hose Cocks and Turrets</li><li>Panel Flanges</li><li>Stops</li></ul>	D62-64 D65 D64-65
Remote Control Valve Units	D66
<ul> <li>Fume Hood Fittings</li> </ul>	D67
<ul><li>Fittings, Support Rods and Accessories</li><li>Lab Faucets, Double and Single Ledge,</li></ul>	D68
Combination Faucets, Single Temperatu	ire
Faucets and Lab Accessories	D68-76
Stops and Supplies D76	-77
Straight and Angle Loose Key Stops	
T&S and Water Conservation <b>D78</b>	3-79
<ul> <li>Low Flow Aerators and Outlets</li> <li>Laminar Flow Outlets and Non-Aerated</li> <li>Spray Devices</li> </ul>	

#### NOTE.

A comprehensive Index By Model or Part Number and Page can be found in the G-11 General Product Catalog Master Index section (IN).

NEW Models Series B-3400 and B-3500

# New Models! B-3400 and B-3500 Series Give You More Options

When you choose a T&S Brass product, you know you've chosen one with Reliability Built In™.

Our ASSE 1016 Certified Pressure Balancing Shower Valve models include various combinations of shower products to meet your specific needs.

B-32	200	and	<b>B-3</b>	<b>3400</b>	<b>Series</b>
with	Swe	eat C	conn	ectio	ns

Our B-3200 and NEW B-3400 series shower valve packages are designed for installation with ½" sweat connections, allowing for easy sweating of copper pipe.

The B-3200 series includes a shower head with 2.5 GPM. Our *NEW* B-3400 series gives you a choice of models with a water-saving 1.5 GPM shower head.

# B-3300 and B-3500 Series with Threaded Connections

The B-3300 and NEW B-3500 series models have ½" NPT threaded connections for easy installation to traditional threaded pipe, especially designed for installation in facilities that prohibit open flames (i.e. health care facilities).

The B-3300 series includes a 2.5 GPM shower head, and the *NEW* B-3500 series offers a water-saving shower head with a flow rate of 1.5 GPM.

With many different component packages to choose from, these shower products all include a heavy-duty solid brass pressure balancing shower mixing valve.

And with T&S's Reliability Built In<sup>TM</sup>, you can be assured of owning an outstanding shower product along with T&S established quality and durability.

	2.5 GPM	1.5 GPM
1/2" NPT Sweat Connections	B-3200 Series	B-3400 Series
1/2" NPT Threaded Connections	B-3300 Series	B-3500 Series







B-3200/ B-3300



B-3200/B-3300 Pressure Balancing Shower Valve, 2.5 GPM Shower Head and Tub Spout

#### **FEATURES:**

- Temperature limit stop
- Integral supply stops
- Replaceable ceramic cartridge
- Pressure balance shower valve with heavy-duty solid brass construction (ASSE 1016)
- Polished chrome trim with color coded index
- Choice of 1.5 GPM or 2.5 GPM shower head models
- Chrome plated tub spout

#### **OPTIONS:**

- Hand held spray assembly with throttle down feature saves water
- Flexible 5 ft. polished metal hose
- Slide bar with multi-positional bracket
- Optional wall-mount vacuum breaker on spray assembly
- A wide variety of different shower model packages to choose from





### **Single Lever Faucets**

All models have:

• Temperature limit stops

#### · Ceramic Cartridge with 2-year warranty

#### **B-2711 Single Lever Faucet**

- 4" centerset single lever deck-mount faucet
- 3-1/2" (89 mm) long handle
- 1/2" NPSM male inlet shanks with coupling nuts
- 2.2 GPM aerator (B-0199-04)
- Ceramic cartridge with adjustable temperature limit stop
- Color coded index
- 1-1/4" (32 mm) max. mounting surface thickness







MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2710	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-04 Aerator	2.2 GPM	Single lever	N	Pop-up drain assembly (B-0898)
B-2710-LH	Ceramic	6-15/16"	2-1/4"	4-5/16"	B-0199-04 Aerator	2.2 GPM	5" long single lever	N	Includes 5" long handle and pop-up drain assembly
B-2710-VF05	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-09-N05 VR Spray device	0.5 GPM	Single lever	Υ	Includes VR key; pop-up drain assembly
B-2710-VF22	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-09 VR Aerator	2.2 GPM	Single lever	Υ	Includes VR key; pop-up drain assembly
B-2710-WS	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-04-WS WaterSense Aerator	1.5 GPM	Single lever	N	Pop-up drain assembly (B-0898)
B-2711	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-04 Aerator	2.2 GPM	Single lever	N	No pop-up drain assembly
B-2711-FL	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-04 Aerator	2.2 GPM	Single lever	N	Includes two (2) 18" (457 mm) long flex S/S supply hoses with 3/8" compression fittings; no pop-up drain assembly
B-2711-LF15	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-09-LF15 VR Laminar Flow	1.5 GPM	Single lever	Υ	Includes VR key; no pop-up drain assembly
B-2711-LH	Ceramic	6-15/16"	2-1/4"	4-5/16"	B-0199-04 Aerator	2.2 GPM	5" long single lever	N	Includes 5" long handle; no pop-up drain assembly
B-2711-VF05	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-09-N05 VR Spray device	0.5 GPM	Single lever	Υ	Includes VR key; no pop-up drain assembly
B-2711-VF22	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-09 VR Aerator	2.2 GPM	Single lever	Υ	Includes VR key; no pop-up drain assembly
B-2711-WS	Ceramic	4-7/8"	2-1/4"	4-5/16"	B-0199-04-WS WaterSense Aerator	1.5 GPM	Single lever	N	No pop-up drain assembly

#### VR Vandal-resistant

#### **B-2741 Single Lever Faucet**

- Single lever side-mount base faucet
- Remote "On-Off" control base (B-2740)
- 5-9/16" rigid gooseneck assembly with 2.2 GPM vandal-resistant aerator (B-0199-07)
- Two (2) 16" (406 mm) long flexible supply hoses with 3/8" compression
- Furnished with vandal-resistant key



#### **B-2742 Single Lever Faucet**

- Single lever side-mount base faucet
- Remote "On-Off" control base
- 5-3/4" swivel gooseneck assembly with 2.2 GPM vandal-resistant aerator (B-0199-06)
- Two (2) 16" (406 mm) long flexible supply hoses with 3/8" compression fittings
- Furnished with vandal-resistant key
  - B-2742-A22 Same as B-2742 except with 2.2 GPM aerator (133X-AER)
  - **B-2742-LF05** Same as B-2742 except with non-aerated spray device (0.5 GPM)
  - B-2742-LH Same as B-2742 except with 5" (127 mm) long handle (013429-45)



# Tas

### **Single Lever Faucets**

All models have:

• Temperature limit stops

• Ceramic Cartridge with 2-year warranty



# B-2730 Single Lever Mixing Faucet

- Single lever deck-mount faucet
- 9" (229 mm) swivel spout
- Sidespray with 4 ft. hose and hose guide
- 2.2 GPM aerator (B-0199-04)
- 3-1/2" (89 mm) long handle
- (2) 16" long flexible supply hoses with 3/8" compression fittings
- 10" (254 mm) chrome plated deckplate
- Includes center mount installation kit
- Color coded index
- Ceramic cartridge with adjustable temperature limit stop



MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2730	Ceramic	7-15/16"	6-13/16"	9-3/16"	B-0199-04 Aerator	2.2 GPM	Single lever	N	Includes sidespray
B-2730-07	Ceramic	7-15/16"	6-13/16"	9-3/16"	B-0199-04 Aerator	2.2 GPM	Single lever	N	7' (2134 mm) hose on sidespray
B-2730-LH	Ceramic	7-15/16"	6-13/16"	9-3/16"	B-0199-04 Aerator	2.2 GPM	5" Long single lever	N	5" (127 mm) long handle and sidespray
B-2730-WS	Ceramic	7-15/16"	6-13/16"	9-3/16"	B-0199-04-WS WaterSense aerator	1.5 GPM	Single lever	N	Includes sidespray
B-2731	Ceramic	7-15/16"	6-13/16"	9-3/16"	B-0199-04 Aerator	2.2 GPM	Single lever	N	No sidespray
B-2731-LF15	Ceramic	7-15/16"	6-13/16"	9-3/16"	B-0199-09-LF15 VR laminar flow	1.5 GPM	Single lever	Υ	No sidespray
B-2731-LH	Ceramic	7-15/16"	6-13/16"	9-3/16"	B-0199-04 Aerator	2.2 GPM	5" Long single lever	N	No sidespray
B-2731-VF05	Ceramic	7-15/16"	6-13/16"	9-3/16"	B-0199-09-N05 VR non-aerated spray	0.5 GPM	Single lever	Υ	No sidespray
B-2731-WS	Ceramic	7-15/16"	6-13/16"	9-3/16"	B-0199-04-WS WaterSense aerator	1.5 GPM	Single lever	N	No sidespray

VR Vandal-resistant

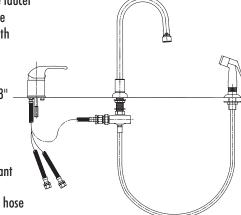
#### B-2743 Single Lever Faucet

- Single lever side-mount base faucet
- Remote "On-Off" control base
- Swivel gooseneck assembly with 2.2 GPM vandal-resistant aerator (B-0199-06)
- Two (2) 16" (406 mm) long flexible supply hoses with 3/8" compression fittings
- Integral diverter for water flow through sidespray or gooseneck
- Furnished with vandalresistant key
- Sidespray with 4 ft. hose and hose guide



#### B-2744 Single Lever Faucet

- Single lever side-mount base faucet
- Remote "On-Off" control base
- Rigid gooseneck assembly with 2.2 GPM vandal-resistant aerator (B-0199-06)
- Two (2) 16" (406 mm) long flexible supply hoses with 3/8" compression fittings
- Integral diverter for water flow through sidespray or gooseneck
- Furnished with vandal-resistant key
- Sidespray with 4 ft. hose and hose guide



### **Single Lever Faucets**

All models have: • Temperature limit stops

· Ceramic Cartridge with 2-year warranty

#### B-2701 Single Lever Faucet

- Single hole, single lever deck-mount faucet
- Ceramic catridge with adjustable temperature limit stop
- 2.2 GPM aerator (B-0199-04)
- 16" (407 mm) flexible stainless steel supply hoses with 3/8" compression fittings
- **B-2701-VR** Same as B-2701 except with vandal-resistant aerator (B-0199-09)
- **B-2701-VF05** Same as B-2701 except with 0.5 GPM vandal-resistant non-aerated spray device (B-0199-09-N05)



#### B-2703 Single Lever Faucet

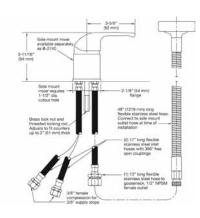
- Single hole, single lever deck-mount faucet
- Ceramic catridge with adjustable temperature limit stop
- 2.2 GPM aerator (B-0199-04)
- 16" (407 mm) long flexible stainless steel supply hoses with 3/8" compression fittings
- 6" forged deck plate (4" C/C)

**B-2703-LF15** Same as B-2703 except with 1.5 GPM laminar flow device (B-0199-09-LF15)

B-2703-VF05 Same as B-2703 except with 0.5 GPM vandal-resistant non-aerated spray device (B-0199-09-N05)

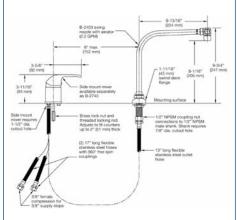
#### B-2745 Side-Mount Faucet

- Remote side-mount single lever base faucet
- B-1000 48" flexible stainless steel hose and spray assembly



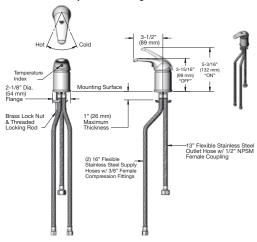
#### B-2746 Side-Mount Faucet

- Remote side-mount single lever base faucet
- 16" (407 mm) long flexible stainless steel supply hoses with 3/8" compression fittings
- B-2403 high rise swivel gooseneck with 2.2 GPM aerator (B-0199-01)



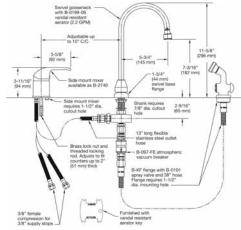
#### B-2740 Side-Mount Faucet

- Side-mount faucet with remote on/off control base
- Ceramic catridge with adjustable temperature limit stop
- 16" (407 mm) long flexible stainless steel supply hoses with 3/8" compression fittings



#### B-2749 Side-Mount Faucet with Remote Control Base

- Remote side-mount single lever base faucet
- 16" (407 mm) long flexible stainless steel supply hoses with 3/8" compression fittings
- Ceramic catridge with adjustable temperature limit stop
- 5-3/4" swivel gooseneck with 2.2 GPM vandal-resistant aerator (B-0199-06)
- Under the counter vacuum breaker (B-0970-FE) on hose
- Countertop mounted spray valve (B-0101) with 38" stainless steel hose (under the counter)





All models:

**NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

Easy installation

• EasyInstall Eterna cartridges with Teflon washers



#### B-2850 Lavatory Faucet



- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 5-1/2" (140 mm) rigid gooseneck (120X)
- Lever handles with color coded indexes
- Stream regulator outlet-Series 2 (B-LT)
- EasyInstall Eterna cartridges with Teflon washers
- 5-3/4" (146 mm) clearance from deck to tip of outlet
- 1/2" NPSM male inlets with coupling nuts



PATENTED DESIGN PATENT NUMBER 7,472,434

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2850	EasyInstall Eterna	Rigid (120X)	10-11/16"	5-11/16"	5-1/2"	B-LT Stream Regulator	-	Lever	N	
B-2850-01	EasyInstall Eterna	Rigid	10-11/16"	5-3/16"	5-9/16"	B-0199-21 Laminar flow device	1.6 GPM	4" Wrist Action	N	Rigid deck flange w/1.6 GPM flow control
B-2850-F05	EasyInstall Eterna	Rigid	10-11/16"	5-3/16"	5-9/16"	B-0199-02-N05 non- aerated spray device	0.5 GPM	Lever	N	
B-2850-WH4	EasyInstall Eterna	Rigid (120X)	10-11/16"	5-11/16"	5-1/2"	B-LT Stream Regulator	-	4" Wrist Action	N	
B-2850-WS	EasyInstall Eterna	Rigid	10-11/16"	5-3/16"	5-9/16"	B-0199-02-WS WaterSense aerator	1.5 GPM	Lever	N	
Related Models /	NOT EASYINSTA	ll:								
B-0850	Eterna	Rigid (120X)	10-11/16"	5-11/16"	5-1/2"	B-LT Stream Regulator	-	Lever	N	Valves adjustable for angle install.
B-2850-L	Eterna	Rigid (120X)	10-11/16"	5-11/16"	5-1/2"	B-LT Stream Regulator	-	Lever	N	12" max. adj. faucet centers

VR Vandal-resistant

#### B-2865-04 Lavatory Faucet



- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 5-9/16" (141 mm) rigid gooseneck
- Rosespray outlet (B-0103)
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- EasyInstall Eterna cartridges with Teflon washers
- 5" (126 mm) clearance from deck to face of spray
- 1/2" NPSM male inlets with coupling nuts



PATENTED DESIGN PATENT NUMBER 7,472,434

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2865	EasyInstall Eterna	Rigid	10-11/16"	5"	5-9/16"	B-0103 Rosespray	_	6" Wrist Action	N	
B-2865-04	EasyInstall Eterna	Rigid	10-11/16"	5"	5-9/16"	B-0103 Rosespray	-	4" Wrist Action	N	
B-2865-04-122X	EasyInstall Eterna	Rigid (122X)	11-7/8"	6-7/8"	5-1/2"	B-LT Stream regulator outlet	_	4" Wrist Action	N	
B-2865-LF05	EasyInstall Eterna	Rigid (120X)	10-11/16"	5-5/8"	5-1/2"	B-LT Stream regulator outlet	0.5 GPM	4" Wrist Action	N	Rigid deck flange with 0.5 GPM flow control tower





All models:

**NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

Fasy installation

• EasyInstall Eterna cartridges with Teflon washers

#### B-2867-04 Lavatory Faucet



- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 5-9/16" (141 mm) rigid gooseneck (120X)
- 2.2 GPM aerator-Series 2 (B-0199-02)
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- EasyInstall Eterna cartridges with Teflon washers
- 5-1/8" (130 mm) clearance from deck to face of spray
- 1/2" NPSM male inlets with coupling nuts



PATENTED
DESIGN
PATENT
NUMBER
7,472,434



MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2867	EasyInstall Eterna	Rigid	10-11/16"	5-1/8"	5-9/16"	B-0199-02 aerator	2.2 GPM	6" Wrist Action (B-WH6)	N	
B-2867-04	EasyInstall Eterna	Rigid	10-11/16"	5-1/8"	5-9/16"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-2867-04-F05	EasyInstall Eterna	Rigid	10-11/16"	5-1/8"	5-9/16"	B-0199-02-N05 non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	N	
B-2867-04-LF15	EasyInstall Eterna	Rigid	10-11/16"	5-3/16"	5-9/16"	B-0199-29 Laminar flow device	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-2867-04- VF05	EasyInstall Eterna	Rigid	10-11/16"	5-3/16"	5-9/16"	B-0199-07-N05 VR non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	Υ	
B-2867-04-WS	EasyInstall Eterna	Rigid	10-11/16"	5-3/16"	5-9/16"	B-0199-02-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-2867-04FC	EasyInstall Eterna	Rigid (120XP)	9-7/8"	5-1/16"	5-1/2"	Plain end gooseneck	1.6 GPM	4" Wrist Action (B-WH4)	N	Rigid deck flange w/ 1.6 GPM flow control
B-2867-04VRS	EasyInstall Eterna	Rigid	10-11/16"	5-3/16"	5-9/16"	B-0199-067 VR Aerator	2.2 GPM	4" Wrist Action (B-WH4)	Y	VR handle screws (VRS-2)

VR Vandal-resistant

#### B-2868-04 Lavatory Faucet with Pop-Up Valve

• 8" (203 mm) deck-mount EasyInstall concealed widespread faucet

- 5-1/2" (140 mm) rigid gooseneck
- Rosespray outlet (B-0103)
- 5-9/16" (141 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- EasyInstall Eterna cartridges with Teflon washers
- 1/2" NPSM male inlets with coupling nuts
- Pop-up drain assembly (B-0898)

**B-2869-04** Same as B-2868-04 except with 2.2 GPM aerator outlet (B-0199-02)



PATENTED DESIGN PATENT NUMBER 7,472,434





All models:

**NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

• EasyInstall Eterna cartridges with Teflon washers

#### B-2347 Lavatory Faucet with Swivel Gooseneck

- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 8-13/16" (224 mm) swivel gooseneck
- Rosespray outlet (B-0103)
- 6-5/16" (160 mm) clearance from deck to face of spray
- Sidespray with automatic diverter,
   4' flexible reinforced hose and hose guide
- EasyInstall Eterna cartridges with Teflon washers
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- 1/2" NPSM male inlets with coupling nuts

B-2347-05-LVR Same as B-2347 except with lever handles and 2.2 GPM aerator

# Easy Install



#### B-2386 Lavatory Faucet with Swivel Gooseneck



- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 5-1/2" (140 mm) swivel gooseneck
- 2.2 GPM aerator-Series 1 (B-0199-01)
- EasyInstall Eterna cartridges with Teflon washers
- 9-3/4" (248 mm) clearance from deck to outlet
- Lever handles with color coded indexes
- 1/2" NPSM male inlets with coupling nuts



# B-2851

**Lavatory Faucet** 

# Easy Install

- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 5-11/16" (145 mm) swivel gooseneck (133X)
- Lever handles with color coded indexes
- Stream regulator outlet-Series 2 (B-PT)
- EasyInstall Eterna cartridges with Teflon washers
- 6-5/8" (169 mm) clearance from deck to tip of outlet
- 1/2" NPSM male inlets with coupling nuts



PATENTED
DESIGN
PATENT
NUMBER
7,472,434

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2851	EasyInstall Eterna	Swivel (133X)	10-11/16"	6-5/8"	5-11/16"	B-PT Stream Regulator	_	Lever	N	
B-2851-133X-VR	EasyInstall Eterna	Swivel (133X-LAM-VR)	10-11/16"	6-1/8"	5-3/4"	B-0199-21-VRF VR laminar flow device	2.2 GPM	Lever	Υ	VR handle screws (B-VRS)
B-2852	EasyInstall Eterna	Swivel	12-3/8"	5-3/8"	8-13/16"	B-0199-02 aerator	2.2 GPM	Lever	N	
Related Model / N	OT EASYINSTAL	L:								
B-2851-L	Eterna	Swivel (133X)	10-11/16"	6-9/16"	5-11/16"	B-LT Stream Regulator	-	Lever	N	12" max. adj. faucet centers





All models: **NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

• Easy installation • EasyInstall Eterna cartridges with Teflon washers • Lock washer for rigid conversion included

#### B-2866-04 Lavatory Faucet



- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 5-3/4" (146 mm) swivel gooseneck
- Includes lock washer for rigid conversion (014200-45)
- Rosespray outlet (B-0103-01)
- 5-7/8" (149 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- EasyInstall Eterna cartridges withTeflon washers
- 1/2" NPSM male inlets with coupling nuts



PATENTED DESIGN PATENT NUMBER 7,472,434

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2862	EasyInstall Eterna	Swivel	12-3/8"	5-3/8"	8-13/16"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-2862-WS	EasyInstall Eterna	Swivel	12-3/8"	5-3/8"	8-13/16"	B-0199-01-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	WaterSense aerator
B-2866	EasyInstall Eterna	Swivel	10-11/16"	6"	5-3/4"	B-0103-01 Rosespray	_	6" Wrist Action (B-WH6)	N	
B-2866-01QT- VRF	EasyInstall Eterna (Quarter-Turn)	Swivel	12-1/2"	6-5/16"	8-3/4"	B-0199-21-VRF VR Laminar flow device	2.2 GPM	4" Wrist Action (B-WH4)	Υ	8" inlet centers
B-2866-04	EasyInstall Eterna	Swivel	10-11/16"	6"	5-3/4"	B-0103 Rosespray	_	4" Wrist Action (B-WH4)	N	
B-2866-04-01QT	EasyInstall Eterna (Quarter-Turn)	Swivel	9-9/16"	5-15/16"	4-5/16"	B-0199-01 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-2866-04-QT	EasyInstall Eterna (Quarter-Turn)	Swivel	10-11/16"	6"	5-3/4"	B-0103-01 Rosespray	_	4" Wrist Action (B-WH4)	N	8" inlet centers
B-2866-04VRS	EasyInstall Eterna	Swivel	12-3/8"	5-1/2"	8-13/16"	B-0199-07 VR aerator	2.2 GPM	4" Wrist Action (B-WH4)	Υ	VR handle screws (VRS-2)
B-2866-F05	EasyInstall Eterna	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-01-N05 non-aerated spray device	0.5 GPM	6" Wrist Action (B-WH6)	N	
B-2866-LF12-CR4	EasyInstall Cerama	Swivel	11-11/16"	7-9/16"	5-11/16"	B-PT stream regulator	1.2 GPM	4" Wrist Action (B-WH4)	N	Swivel deck flange with 1.2 GPM flow control
B-2866-QT-21VR	EasyInstall Eterna (Quarter-turn)	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-21-VRF Laminar flow device	2.2 GPM	4" Wrist Action (B-WH4)	Y	VR handle screws (B-VRS)
B-2866-QT-VF05	EasyInstall Eterna (Quarter-turn)	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	Υ	
B-2866-QT- VF05G	EasyInstall Eterna (Quarter-turn)	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	Υ	Includes gaskets for escutcheon & deck flange
B-2866-VF05	EasyInstall Eterna	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	6" Wrist Action (B-WH6)	Υ	



All models: **NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

• Easy installation • EasyInstall Eterna cartridges with Teflon washers • Lock washer for rigid conversion included

#### B-2866-05 Lavatory Faucet



- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 5-3/4" (146 mm) swivel gooseneck (133X-AER)
- Includes lock washer for rigid conversion (014200-45)
- 2.2 GPM aerator-Series 1 ( B-0199-01)
- 6-1/4" (159 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- EasyInstall Eterna cartridges with Teflon washers
- 1/2" NPSM male inlets with coupling nuts



PATENTED DESIGN PATENT NUMBER 7,472,434

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2866-01	EasyInstall Eterna	Swivel (135X)	12-3/8"	5-15/16"	8-3/4"	B-LT stream regulator	-	4" Wrist Action (B-WH4)	N	
B-2866-01QT-VRF	EasyInstall Eterna (Quarter-Turn)	Swivel	12-1/2"	6-5/16"	8-3/4"	B-0199-21-VRF VR laminar flow device	2.2 GPM	4" Wrist Action (B-WH4)	Υ	
B-2866-05	EasyInstall Eterna	Swivel (133X-AER)	10-11/16"	6-3/16"	5-3/4"	B-0199-01 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-2866-05-LF08	EasyInstall Eterna	Swivel (133X)	10-11/16"	6-5/8"	5-3/4"	B-PT Stream regulator	1.6 GPM	4" Wrist Action (B-WH4)	N	Rigid deck flange with 1.6 GPM flow control tower
B-2866-05-LF15	EasyInstall Eterna	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-29 Laminar flow device	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-2866-05-LT	EasyInstall Eterna	Swivel	10-11/16"	5-15/16"	5-3/4"	B-LT Stream regulator outlet	-	4" Wrist Action (B-WH4)	N	
B-2866-05-QT	EasyInstall Eterna (Quarter-turn)	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-01 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-2866-05-VF05	EasyInstall Eterna	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	Υ	
B-2866-05-VF22	EasyInstall Eterna	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-06 VR aerator	2.2 GPM	4" Wrist Action (B-WH4)	Υ	
B-2866-05VRS	EasyInstall Eterna	Swivel	11"	6-7/16"	5-3/4"	B-0199-06 VR aerator	2.2 GPM	4" Wrist Action (B-WH4)	Υ	
B-2866-05-WS	EasyInstall Eterna	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-01-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-2866-05CR	EasyInstall Cerama	Swivel (133X)	10-11/16"	6-5/8"	5-11/16"	B-PT Stream regulator	-	4" Wrist Action (B-WH4)	N	
B-2866-05FC	EasyInstall Eterna	Swivel (133XP)	10-11/16"	6-5/8"	5-11/16"	Plain end spout	1.6 GPM	4" Wrist Action (B-WH4)	N	Swivel deck flange with 1.6 GPM flow control tower
B-2866-05FC-CR	EasyInstall Cerama	Swivel (133XP)	10-11/16"	6-5/8"	5-11/16"	Plain end spout	1.6 GPM	4" Wrist Action (B-WH4)	N	Swivel deck flange with 1.6 GPM flow control tower



**NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets All models:

• Easy installation • EasyInstall Eterna cartridges with Teflon washers • Lock washer for rigid conversion included

#### B-2866-05 **Lavatory Faucet**





**PATENTED DESIGN** PATENT **NUMBER** 7,472,434

B-2666-05 chart continued from p. D11

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2866-05FC-PV	EasyInstall Eterna	Swivel (133XP)	10-11/16"	6-5/8"	5-11/16"	Plain end spout	1.6 GPM	4" Wrist Action (B-WH4)	N	Pedal valve connection; swivel deck flange w/ 1.6 GPM flow control tower
B-2866-05FC-QT	EasyInstall Eterna (Quarter-turn)	Swivel (133XP)	10-11/16"	6-5/8"	5-11/16"	Plain end spout	1.6 GPM	4" Wrist Action (B-WH4)	N	Swivel deck flange with 1.6 GPM flow control tower
B-2866-05QT-VRS	EasyInstall Eterna (Quarter-turn)	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-06 VR aerator	2.2 GPM	4" Wrist Action (B-WH4)	Υ	VR handle screws (B-VRS)
B-2866-05QT-WS	EasyInstall Eterna (Quarter-turn)	Swivel	10-11/16"	6-3/16"	5-3/4"	B-0199-01-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	

VR Vandal-resistant

#### **B-2853-RSW-061X Lavatory Faucet**



- 10" (254 mm) 100° max. restricted swing nozzle
- 0.5 GPM vandal resistant flow control aerator (B-0199-06F-05)
- EasyInstall Eterna cartridges with Teflon washers
- Lever handles with color coded indexes
- 4-1/4" (108 mm) clearance from deck to tip of outlet
- 1/2" NPSM male inlets with coupling nuts





#### B-2859 **Lavatory Faucet**

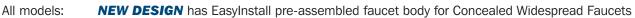


- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 90° swivel gooseneck (B-2387) with 2.2 GPM àerator (B-0199-01)
- EasyInstall Eterna cartridges with Teflon washers
- 4" wrist action handles (B-WH4) with color coded indexes
- 8-9/16" (218 mm) clearance from deck to face of aerator
- 1/2" NPSM male inlets with coupling nuts





### **EasyInstall Concealed Widespread Lavatory Faucets**



• Easy installation • EasyInstall Eterna cartridges with Teflon washers • Lock washer for rigid conversion included



#### B-2855 Lavatory Faucet

- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 9" (229 mm) swing nozzle (166X)
- Stream regulator outlet (B-PT)
- Includes lock washers for swivel to rigid conversion (014200-45)
- EasyInstall Eterna cartridges with Teflon washers
- Lever handles with color coded indexes
- 6-1/4" (159 mm) clearance from deck to tip of outlet
- 1/2" NPSM male inlets with coupling nuts

# Easy Install



#### B-2885 Lavatory Faucet

- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 5-1/2" (140 mm) spread rigid gooseneck (120X)
- Stream regulator outlet (B-LT)
- EasyInstall Eterna cartridges with Teflon washers
- Lever handles with color coded indexes
- 6-3/16" (157 mm) clearance from deck to tip of outlet
- Pop-up drain assembly (B-0898)
- 1/2" NPSM male inlets with coupling nuts







#### **NOTE: See chart below:**

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR
B-2855	EasyInstall Eterna	9" Swing Nozzle (166X)	8-13/16"	6-1/4"	9"	B-PT Stream regulator	-	Lever	N
B-2855-01	EasyInstall Eterna	9" Swing Nozzle (166X)	8-13/16"	5-7/8"	9"	B-0199-29 Laminar flow device	1.5 GPM	Lever	N
B-2855-WS	EasyInstall Eterna	9" Swing Nozzle (166X)	8-13/16"	5-13/16"	9"	B-0199-01-WS WaterSense aerator	1.5 GPM	Lever	N
B-2955	EasyInstall Eterna	9" Swing Nozzle (166X)	8-13/16"	6-1/4"	9"	B-PT Stream regulator	_	Dome (3-wing)	N

		VR Vandal-resistant



### **EasyInstall Concealed Widespread Lavatory Faucets**

All models: **NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

• Easy installation • EasyInstall Eterna cartridges with Teflon washers • 1/2" NPSM male inlets with coupling nuts

#### B-2990 Lavatory Faucet



- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- 5-1/4" (133 mm) cast basin spout
- 2.2 GPM aerator-Series 3 (B-0199-03)
- EasyInstall Eterna cartridges with Teflon washers
- Lever handles with color coded indexes
- 2" (51 mm) clearance from deck to aerator
- 1/2" NPSM male inlets with coupling nuts



MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2990	EasyInstall Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Lever	N	
B-2990-175F	EasyInstall Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Four-arm	N	
B-2990-180F	Easylnstall Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Dome (3-wing)	N	
B-2990-F05	EasyInstall Eterna	3-1/16"	2"	5-1/4"	B-0199-03-N05 non- aerated spray device	0.5 GPM	Lever	N	
B-2990-P	EasyInstall Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Lever	N	Includes pop-up drain assembly (B-0898)
B-2990-PWH4	EasyInstall Eterna	4-1/2"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action	N	Includes pop-up drain assembly (B-0898)
B-2990-VF05	EasyInstall Eterna	3-1/16"	2"	5-1/4"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Lever	Υ	
B-2990-WH4	Easylnstall Eterna	4-1/2"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action	N	
B-2990-WH4-QT	EasyInstall Eterna (Quarter-turn)	4-1/2"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action	N	
B-2990-WH4-WS	EasyInstall Eterna	4-1/2"	2"	5-1/4"	B-0199-03-WS WaterSense aerator	1.5 GPM	4" Wrist Action	N	
B-2990-WS	EasyInstall Eterna	3-1/16"	2"	5-1/4"	B-0199-03-WS WaterSense aerator	1.5 GPM	Lever	N	
Related Model / N	NOT EASYINSTALL								
B-2990-FL	Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Lever	N	Flexible supply lines; adjustable centers from 6" to 24"
								VR	Vandal-resistant




### **Lavatory Faucets with Adjustable Centers**

All models have: • 1/2" NPT male inlets with coupling nuts • Valves adjustable for angle installation

• Eterna cartridges with Teflon washers (unless Cerama)

### B-0865-04 Lavatory Faucet

Note: These faucets are not EasyInstall

- 8" (203 mm) deck-mount mixing faucet
- 5-9/16" (140 mm) rigid gooseneck with rosespray outlet (B-0103)
- Adjustable centers (see chart below)
- Eterna cartridges with Teflon washers
- 1/2" NPT male inlets with coupling nuts
- 5" (127 mm) clearance from deck to face of spray
- 4" (152 mm) wrist action handles (B-WH4) with color coded indexes





MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0865	Eterna	Rigid	10-11/16"	5"	5-9/16"	B-0103 Rosespray	_	6" Wrist Action (B-WH6)	N	8" max. adjustable centers
B-0865-04	Eterna	Rigid	10-11/16"	5"	5-9/16"	B-0103 Rosespray	-	4" Wrist Action (B-WH4)	N	8" max. adjustable centers
B-0865-04L	Eterna	Rigid	10-11/16"	5"	5-9/16"	B-0103 Rosespray	_	4" Wrist Action (B-WH4)	N	12" max. adjustable centers
B-0866	Eterna	Swivel	10-9/16"	5-15/16"	5-3/4"	B-0103-01 Rosespray	-	6" Wrist Action (B-WH6)	N	8" max. adjustable centers
B-0866-04	Eterna	Swivel	10-9/16"	5-15/16"	5-3/4"	B-0103-01 Rosespray	_	4" Wrist Action (B-WH4)	N	8" max. adjustable centers
B-0866-04-CR	Cerama	Swivel	10-9/16"	5-15/16"	5-3/4"	B-0103-01 Rosespray	-	4" Wrist Action (B-WH4)	N	8" max. adjustable centers
B-0866-04L	Eterna	Swivel	10-9/16"	5-15/16"	5-3/4"	B-0103-01 Rosespray	_	4" Wrist Action (B-WH4)	N	12" max. adjustable centers
B-0866-04-LN	Eterna	_	_	ı	-	_	-	4" Wrist Action (B-WH4)	N	8" max. adjustable centers
B-0866-L	Eterna	Swivel	10-9/16"	5-15/16"	5-3/4"	B-0103-01 Rosespray	_	6" Wrist Action (B-WH6)	N	12" max. adjustable centers
B-0867	Eterna	Rigid	10-11/16"	5-3/16"	5-1/2"	B-0199-02 aerator	2.2 GPM	6" Wrist Action (B-WH6)	N	8" max. adjustable centers
B-0867-04	Eterna	Rigid	10-11/16"	5-3/16"	5-1/2"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	8" max. adjustable centers
B-0867-04L	Eterna	Rigid	10-11/16"	5-3/16"	5-1/2"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	12" max. adjustable centers
B-0867-04-WS	Eterna	Rigid	10-11/16"	5-3/16"	5-1/2"	B-0199-02-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	8" max. adjustable centers

VR Vandal-resistant

### B-0868-04 Lavatory Faucet

Note: These faucets are <u>not</u> EasyInstall

- 8" (203 mm) deck-mount mixing faucet
- 5-9/16" (141 mm) rigid gooseneck with rosespray outlet (B-0103)
- 5-5/8" (143 mm) clearance from deck to face of spray
- Adjustable centers (see chart, right)
- Eterna cartridges with Teflon washers
- 1/2" NPT male inlets with coupling
- 4" (152 mm) wrist action handles (B-WH4) with color coded indexes
- Pop-up drain (B-0898)
- B-0868-04L Same as B-0868-04 except with 12" (305 mm) adjustable centers
- B-0869-04 Same as B-0868-04 except with aerator (B-0199-02)



Hot a	and Cold Center Sections Can Be At Angle
Hot $ otag$	Y
<b>■</b>	A X
If "Y" is	Then faucet will fit "X" with standard ¼" IPS cross pipes furnished
1/2"	8"
1"	73/4"
11/2"	73/8"
2"	7"

### **Lavatory Faucets with Adjustable Centers**

All models have: • 1/2" NPT male inlets with coupling nuts • Valves adjustable for angle installation

• Eterna with Teflon washers (unless Cerama)

# 5

### B-0866-PV Lavatory Faucet with PV Connection

- 8" (203 mm) deck-mount mixing faucet
- 5-3/4" (146 mm) swivel gooseneck with rosespray outlet (B-0103)
- Rigid conversion washer included
- Adjustable centers (see chart, right)
- 1/2" NPT male inlets with coupling nuts
- 5-15/16" (151 mm) clearance from deck to face of spray
- Eterna cartridges with Teflon washers
- 6" (152 mm) wrist action handles (B-WH6) with color coded indexes
- Pedal valve swivel yoke (B-PV)
- 1/2" NPT male inlets with coupling nuts

### Note: These faucets are not EasyInstall



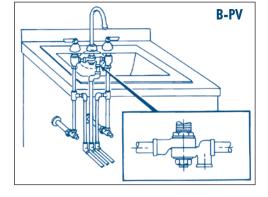
Hota	and Cold Center Sections Can Be At Angle
Hot	Y Cold
If "Y" is	Then faucet will fit "X" with standard 1/4" IPS cross pipes furnished
1/2"	8"
1"	73/4"
11/2"	73/8"
2"	7"

**B-0866-07-PV** Same as B-0866-PV except with 2.2 GPM aerator (B-0199-01)

# B-PV Pedal Valve Swivel Yoke

- For use with all B-0865 style faucets
- Allows faucet to be operated with either wrist action handles or foot pedal valve
- Pedal valve must be ordered separately





Note: The faucets below are not EasyInstall

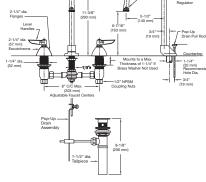
### B-0855 Lavatory Faucet

- 8" deck-mount mixing swivel joint faucet body for angle installation
- 9" (229 mm) swing nozzle (166X)
- Stream regulator outlet (B-PT)
- Adjustable centers (see chart, above)
- Includes lock washers for swivel to rigid conversion (014200-45)
- Eterna cartridges with Teflon washers
- Lever handles with color coded indexes
- 6-1/4" (159 mm) clearance from deck to tip of outlet
- 1/2" NPT male inlets with coupling nuts

### B-0885 Lavatory Faucet

- 8" deck-mount mixing swivel joint faucet body for angle installation
- 5-1/2" (140 mm) rigid gooseneck (120X)
- Stream regulator outlet (B-LT)
- Adjustable centers (see chart, above)
- 6-7/16" (163 mm) clearance from deck to outlet
- Eterna cartridges with Teflon washers
- Lever handles with color coded indexes
- 1/2" NPT male inlets with coupling nuts
- Pop-up drain assembly (B-0898)





### **Lavatory Faucets with Adjustable Centers**

All models have: • 1/2" NPT male inlets with coupling nuts • Valves adjustable for angle installation

• Eterna with Teflon washers (unless Cerama)



### B-2865-05 Lavatory Faucet

### Note: These faucets are not EasyInstall

- Adjustable deck-mount mixing faucet
- (2) 12" ((305 mm) flexible stainless steel hose supplies inlets adjustable from 6" (152 mm) to 24" (609 mm)
- 5-9/16" (141 mm) rigid gooseneck
- Rosespray outlet (B-0103)

- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- Eterna cartridges with Teflon washers
- 4-15/16" (126 mm) clearance from deck to face of spray
- 1/2" NPSM male inlets with coupling nuts



MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2865-04L	Eterna	Rigid	10-5/8"	4-15/16"	5-9/16"	B-0103 Rosespray	_	4" Wrist Action (B-WH4)	N	12" max. adjustable faucet centers
B-2865-05	Eterna	Rigid	10-5/8"	4-15/16"	5-9/16"	B-0103 Rosespray	-	4" Wrist Action (B-WH4)	N	6" to 24" adjustable spread with 12" flexible stainless steel hoses
B-2865-05-0CS8	Eterna	OCS8 8" Swivel Cast spout	5-7/16"	3-7/8"	8"	B-0199-01 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	6" to 24" adjustable spread with 12" flexible stainless steel hoses
B-2865-05- 120XA	Eterna	Rigid	10-11/16"	5-3/16"	5-9/16"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	6" to 24" adjustable spread with 12" flexible stainless steel hoses
B-2865-05CR	Cerama	Rigid	10-5/8"	4-15/16"	5-9/16"	B-0103 Rosespray	_	4" Wrist Action (B-WH4)	N	6" to 24" adjustable spread with 12" flexible stainless steel hoses
B-2865-06	Eterna	Rigid	10-5/8"	4-15/16"	5-9/16"	B-0103 Rosespray	_	4" Wrist Action (B-WH4)	N	6" max. adjustable faucet centers
B-2866-04L	Eterna	Swivel	10-11/16"	6-5/8"	5-11/16"	B-PT Stream regulator	ı	4" Wrist Action (B-WH4)	N	12" adjustable centers
B-2865-06CR	Cerama	Rigid	10-5/8"	4-15/16"	5-9/16"	B-0103 Rosespray	_	4" Wrist Action (B-WH4)	N	6" max. adjustable faucet centers
B-2867-04L	Eterna	Rigid	10-11/16"	5-5/16"	5-9/16"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	12" max. adj. faucet centers

VR Vandal-resistant

### B-2992 Lavatory Faucet

### Note: These faucets are not EasyInstall

- 8" deck-mount mixing swivel joint faucet body for angle installation
- 5-1/4" (133 mm) cast basin spout
- 2.2 GPM aerator (B-0199-03)
- Adjustable centers (see chart on page D16)
- 2" (51 mm) clearance from deck to aerator
- 1/2" NPT male inlets with coupling nuts
- Lever handles with color coded indexes
- Eterna cartridges with Teflon washers



MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2992	Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Lever	N	
B-2992-180F	Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Dome (3-wing)	N	
B-2992-L	Cerama	3-1/16"	2"	5-1/4"	B-0199-03F-05 flow control aerator	0.5 GPM	4" Wrist Action (B-WH4)	N	12" adjustable centers
B-2992-P	Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Lever	N	Includes pop-up waste assembly (B-0898)
B-2992-PWH4	Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	Includes pop-up waste assembly (B-0898)
B-2992-WH4	Eterna	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	

### **Lavatory Faucets with Rigid Gooseneck**

All models have: • 4" (102 mm) centers

• Fit sinks up to 3/4" (19 mm) thick

• 1/2" NPSM male inlets with coupling nuts

### B-0892 Lavatory Faucet with Rigid Gooseneck

- 4" (102 mm) centerset deck-mount mixing faucet
- 2-7/8" (73 mm) rigid gooseneck (005028-40)
- 2.2 GPM aerator-Series 1 (B-0199-01)
- Eterna cartridges with Teflon washers
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- 1/2" NPSM male inlets with coupling nuts



**B-0893** Same as B-0892 except with pop-up drain assembly (B-0898)

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0892	Eterna/Teflon washers	Rigid (005028-40)	10-7/16"	6-11/16"	2-7/8"	B-0199-01 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-0892-01	Eterna/Teflon washers	Rigid	10-1/8"	6-3/16"	4-1/8"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-0892-01-CR	Cerama	Rigid	10-1/8"	6-3/16"	4-1/8"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-0892-01-WS	Eterna/Teflon washers	Rigid	10-1/8"	6-3/16"	4-1/8"	B-0199-01-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-0892-122X- LAM	Eterna/Teflon washers	Rigid	12-3/8"	7"	5-9/16"	B-0199-21 laminar flow device	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-0892-CR	Cerama	Rigid (005028-40)	10-7/16"	6-11/16"	2-7/8"	B-0199-01 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-0892-CR-LF05	Cerama	Rigid	10-7/16"	6-11/16"	2-7/8"	B-0199-01-N05 VR non- aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	N	
B-0892-CR-WS	Cerama	Rigid	10-7/16"	6-11/16"	2-7/8"	B-0199-01-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-0892-F05	Eterna/Teflon washers	Rigid	10-7/16"	6-11/16"	2-7/8"	B-0199-01-N05 VR non- aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	N	
B-0892-FC	Eterna with flow control	Rigid (119XP)	8-15/16"	5-11/16"	2-5/8"	Plain end outlet	0.7 GPM	4" Wrist Action (B-WH4)	N	0.7 GPM flow control in each cartridge
B-0892-F1- CR-SC	Cerama with check valves	Rigid (005028-40)	10-3/8"	6-5/8"	2-7/8"	B-0199-01-F10 aerator	1.0 GPM	4" Wrist Action (B-WH4)	N	
B-0892-LF22	Eterna/Teflon washers	Rigid (005028-40)	10-7/16"	6-5/8"	2-7/8"	B-0199-21 Laminar flow device	2.2 GPM	4" Wrist Action (B-WH4)	N	
<b>B-0892-M</b> Master Box (6)	Eterna/Teflon washers	Rigid (005028-40)	10-7/16"	6-11/16"	2-7/8"	B-0199-01 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	Master carton of 6
B-0892-VF05	Eterna/Teflon washers	Rigid (005028-40)	10-7/16"	6-11/16"	2-7/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	Υ	
B-0892-VRS	Eterna/Teflon washers	Rigid (005028-40)	10-3/8"	6-5/8"	2-7/8"	B-0199-06 VR aerator	2.2 GPM	4" Wrist Action (B-WH4)	Y	VR handle screws
B-0892-WS	Eterna/Teflon washers	Rigid (005028-40)	10-7/16"	6-11/16"	2-7/8"	B-0199-01-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-0893	Eterna/Teflon washers	Rigid	10-7/16"	6-11/16"	2-7/8"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	With pop-up waste assem- bly (B-0898)

### **Lavatory Faucets with Swivel Gooseneck**

All models have: • 4" (102 mm) centers

• Fit sinks up to 3/4" (19 mm) thick

• 1/2" NPSM male inlets with coupling nuts • Lock washer for rigid conversion

# E

### B-0892-01QT Lavatory Faucet with Swivel Gooseneck

- 4" (102 mm) deck-mount centerset mixing faucet
- 4-3/8" (111 mm) swivel gooseneck (017907-45)
- B-0412 rigid to swivel adapter
- Includes lock washer for rigid conversion (014200-45)
- 2.2 GPM aerator-Series 1 (B-0199-01)
- Quarter-turn Eterna cartridges with Teflon washers
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- 4" (102 mm) from center of inlets to center of outlet



- 7-1/4" (184 mm) clearance from deck to aerator
- 1/2" NPSM male inlets with coupling nuts

MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0892 -01QT	Eterna/Teflon washers (Quarter-turn)	Swivel	10-7/8"	7-1/4"	4-3/8"	B-0199-01 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	B-0412 rigid-to- swivel adapter
B-0892-01CR-22	Eterna/Teflon washers (Quarter-turn)	Swivel	10-7/8"	7-1/4"	4-3/8"	B-0199-21 Laminar flow device	2.2 GPM	4" Wrist Action (B-WH4)	N	B-0412 rigid-to- swivel adapter
B-0892-133X	Eterna/Teflon washers	Swivel (133X)	12"	7-15/16"	5-11/16"	B-PT stream regulator outlet	_	4" Wrist Action (B-WH4)	N	B-0412 rigid-to- swivel adapter
B-0892-135X	Eterna/Teflon washers (Quarter-turn)	Swivel	13-7/8"	6-7/8"	8-13/16"	B-0199-21 Laminar flow device	2.2 GPM	4" Wrist Action (B-WH4)	N	B-0412 rigid-to- swivel adapter
B-0892-CR-HW	Cerama	Swivel (018176-40)	10-7/8"	7-11/16"	4-1/4"	B-PT stream regulator outlet	1.2 GPM	4" Wrist Action (B-WH4)	N	B-0412-F12 adapter with 1.2 GPM flow control
B-0892-LF12- CR4	Cerama	Swivel (016887-40)	13"	8-7/8"	5-11/16"	B-PT stream regulator outlet	1.2 GPM	4" Wrist Action (B-WH4)	N	B-0412-F12 adapter with 1.2 GPM flow control
B-0892-LN-QT	Eterna/Teflon washers (Quarter-turn)	Swivel	Less nozzle	Less nozzle	Less nozzle	Less nozzle	Less nozzle	4" Wrist Action (B-WH4)	N	B-0412 rigid-to- swivel adapter; less nozzle
B-0892-LN	Eterna/Teflon washers	Swivel	Less nozzle	Less nozzle	Less nozzle	Less nozzle	Less nozzle	4" Wrist Action (B-WH4)	N	B-0412 rigid-to- swivel adapter; less nozzle
B-0892-QT-F05	Eterna/Teflon washers (Quarter-turn)	Swivel	10-7/8"	7-1/4"	4-3/8"	B-0199-01-N05 non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	N	B-0412 rigid-to- swivel adapter
B-0892-QT-LF16	Eterna/Teflon washers (Quarter-turn)	Swivel (018176-40)	10-7/8"	7-11/16"	4-1/4"	B-PT stream regulator outlet	1.6 GPM	4" Wrist Action (B-WH4)	N	B-0412-F16 adapter with 1.6 GPM flow control
B-0892-QT-VF05	Eterna/Teflon washers (Quarter-turn)	Swivel	10-15/16"	7-1/4"	4-3/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	Υ	B-0412 rigid-to- swivel adapter
B-0892-QT- VF05G	Eterna/Teflon washers (Quarter-turn)	Swivel	10-15/16"	7-5/16"	4-3/8"	B-0199-06-N05 VR non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	Υ	B-0412 rigid-to- swivel adapter; deck gasket
B-0892-QT-WS	Eterna/Teflon washers (Quarter-turn)	Swivel	10-7/8"	7-1/4"	4-1/4"	B-0199-01-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	B-0412 rigid-to- swivel adapter
B-2320	Eterna/Teflon washers	Swivel (008978-40)	6-3/4"	4-1/4"	4-1/8"	B-0199-01 aerator	2.2 GPM	Lever	N	B-0412 rigid-to- swivel adapter

### **Lavatory Faucets with Cast Basin Spout**

All models have:

• 15/16" dia. top shank

• Fit sinks up to 3/4" (19 mm) thick

• 1/2" NPSM male inlets with coupling nuts

### B-0890 Lavatory Faucet

- 4" (102 mm) centerset deck-mount mixing faucet
- 3-3/4" (95 mm) from inlet of faucet to outlet
- 2.2 GPM aerator-Series 3 (B-0199-03)
- 1-7/16" (37 mm) clearance from deck to aerator
- Eterna cartridges with Teflon washers
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- 1/2" NPSM male inlets with coupling nuts



**B-0891** Same as B-0890 except with pop-up drain assembly (B-0898)

MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0890	Eterna/teflon washers	4-15/16"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-0890-177F	Cerama	3-1/8"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	Lever	N	
B-0890-CR	Cerama	4-7/8"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-0890-CR-LF05	Cerama	4-7/8"	1-1/4"	3-3/4"	B-0199-03-N05 non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	N	
B-0890-CR-WS	Cerama	4-7/8"	1-7/16"	3-3/4"	B-0199-03-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-0890-F05	Eterna/Teflon washers	4-15/16"	1-7/16"	3-3/4"	B-0199-03-N05 non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	N	
B-0890-M	Eterna/Teflon washers	4-15/16"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	Master carton of 6
B-0890-QT	Eterna/Teflon washers (Quarter-turn)	4-15/16"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-0890-QT-VRS	Eterna/Teflon washers (Quarter-turn)	4-15/16"	1"	3-3/4"	B-0199-08 VR aerator	2.2 GPM	4" Wrist Action (B-WH4)	Υ	VR handle screws (VRS-2)
B-0890-QT-WS	Eterna/Teflon washers	4-15/16"	1-7/16"	3-3/4"	B-0199-03-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-0890-VF05	Eterna/Teflon washers	4-15/16"	1-7/16"	3-3/4"	B-0199-08-N05 non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	Υ	
B-0890-VF05-QT	Eterna/Teflon washers (Quarter-turn)	4-15/16"	1-7/16"	3-3/4"	B-0199-08-N05 non-aerated spray device	0.5 GPM	4" Wrist Action (B-WH4)	Υ	
B-0890-VF22	Eterna/Teflon washers	4-15/16"	1"	3-3/4"	B-0199-08 VR aerator	2.2 GPM	4" Wrist Action (B-WH4)	Υ	
B-0890-VRS	Eterna/Teflon washers	4-15/16"	1"	3-3/4"	B-0199-08 aerator	2.2 GPM	4" Wrist Action (B-WH4)	Υ	VR handle screws (VRS-2)
B-0890-WS	Eterna/Teflon washers	4-15/16"	1-7/16"	3-3/4"	B-0199-03-WS WaterSense aerator	1.5 GPM	4" Wrist Action (B-WH4)	N	
B-0891	Eterna/Teflon washers	4-15/16"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	Pop-up drain as- sembly (B-0898)

### B-0894 Lavatory Faucet

- 4" (102 mm) centerset deck-mount mixing faucet with cast basin spout
- 3-3/4" (95 mm) from inlet of faucet to outlet
- Drip proof sprayface outlet
- 1-9/16" (40 mm) clearance from deck to outlet
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- 1/2" NPSM male inlets with coupling nuts



VR Vandal-resistant



### **Centerset Faucets with or without Pop-Up Assembly**

All models have: • 15/

- 15/16" dia. top shank
- Fit sinks up to 3/4" (19 mm) thick
- 1/2" NPSM male inlets with coupling nuts



### B-0870 Centerset Lavatory Faucet

- 4" (102 mm) centerset deck-mount mixing faucet with cast basin spout
- 2.2 GPM aerator (B-0199-03)
- Eterna cartridges
- Lever handles with color coded indexes
- 3-3/4" (95 mm) from inlet of faucet to outlet
- 1-7/16" (27 mm) clearance from deck to aerator
- Pop-up drain assembly (B-0898)
- See chart below for related B-0870 models



### B-0873 Centerset Lavatory Faucet

- 4" (102 mm) centerset deck-mount mixing faucet
- 2-3/4" (70 mm) rigid gooseneck (119X)
- 2.2 GPM aerator (B-0199-02)
- Eterna cartridges
- Lever handles with color coded indexes
- 3-7/8" (98 mm) from center of inlets to center of outlet
- 5-11/16" (145 mm) clearance from deck to aerator
- Pop-up drain assembly (B-0898)



**B-0874** Same as B-0873 except

without pop-up drain assembly **B-0874-M** B-0874 Master Box (6)

### **B-0870 Models:**

MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0870	Eterna	3-1/4"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	Lever	N	Includes pop-up drain assembly (B-0898)
B-0870-CR	Cerama	3-1/4"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	Lever	N	Includes pop-up drain assembly (B-0898)
B-0871	Eterna	3-1/4"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	Lever	N	
B-0871-CR	Cerama	3-1/4"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	Lever	N	
B-0871-CR-LF05	Cerama	3-1/4"	1-7/16"	3-3/4"	B-0199-03-N05 non-aerated spray device	0.5 GPM	Lever	N	
B-0871CR-PRISON	Cerama	3-1/4"	1-7/16"	3-3/4"	B-0199-08F-10 VR aerator w/ flow control	1.0 GPM	Lever	Υ	VR handle screws (VRS-1)
B-0871-CR-WS	Cerama	3-1/4"	1-7/16"	3-3/4"	B-0199-03-WS WaterSense aerator	1.5 GPM	Lever	N	
B-0871-F05	Eterna	3-1/4"	1-7/16"	3-3/4"	B-0199-03-N05 non-aerated spray device	0.5 GPM	Lever	N	
B-0871-M	Eterna	3-1/4"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	Lever	N	Master carton of 6
B-0871-VF05	Eterna	3-1/4"	1-7/16"	3-3/4"	B-0199-08-N05 non-aerated spray device	0.5 GPM	Lever	Υ	
B-0871-VF22-QT	Eterna (Quarter-turn)	3-1/4"	1-7/16"	3-3/4"	B-0199-08 VR aerator	2.2 GPM	Lever	Υ	
B-0871-VRS	Eterna	3-1/4"	1-7/16"	3-3/4"	B-0199-08 VR aerator	2.2 GPM	Lever	N	VR handle screws (B-VRS
B-0871-VR-CH-QT	Eterna (Quarter-turn)	3-1/4"	1-7/16"	3-3/4"	B-0199-08 VR aerator	2.2 GPM	Club	N	Club handles with VR handle screws (B-VRS)
B-0871-WS	Eterna	3-1/4"	1-7/16"	3-3/4"	B-0199-03-WS WaterSense aerator	1.5 GPM	Lever	N	

### **Centerset Faucets with or without Pop-Up Assembly**

All models have:

- 15/16" dia. top shank
- Fit sinks up to 3/4" (19 mm) thick
- 1/2" NPSM male inlets with coupling nuts



### B-0877 Centerset Lavatory Faucet

- 4" (102 mm) centerset deckmount mixing faucet with cast basin spout
- 1-1/4" (32 mm) diameter spray face
- Eterna cartridges
- Lever handles with color coded indexes
- 3-3/4" (95 mm) from inlet of faucet to outlet
- 1-13/16" (46 mm) clearance from deck to outlet
- 1/2" NPSM male inlets with coupling nuts



### B-2970 Lavatory Faucet

- 4" (102 mm) centerset deck-mount mixing faucet with cast basin spout
- 2.2 GPM aerator (B-0199-03)
- Eterna cartridges
- 3-wing handles with color coded indexes
- 3-3/4" (95 mm) from inlet of faucet to outlet
- 1-1/2" (38 mm) clearance from deck to aerator
- 1/2" NPSM male inlets with coupling nuts
- Pop-up drain assembly (B-0898)

B-2971 Same as B-2970 except without pop-up assembly



### **Faucet Pop-Up Drain Assemblies**

### B-0898 Pop-Up Drain Assembly

- Cast brass drain body
- Vandal resistant stopper
- 1-1/4" (32 mm) diameter 17 gage tailpiece
- Fits sinks with 1-7/16" (36.5 mm) to 1-3/4" (44 mm) diameter drain hole



### B-0898-OF Offset Drain



- ADA compliant
- Polished chrome plated bronze body
- Captive arid
- 1-1/4" (32 mm) diameter 17 gage tailpiece

### B-0899 Drain with Grid



- Cast brass polished chrome plated grid
- 1-1/4" (32 mm) diameter 17 gage tailpiece

D	
22	

### **Pivot Action Metering Faucets**

All models:

- ADA compliant per ANSI A117.1
- Low force required to activate faucet
- Load tested to 150 lbs. of force to meet the most demanding applications



# B-0712-PA Pivot Action Metering Faucet

- Single hole single temperature deckmount basin faucet
- Pivot action metering cartridge with adjustable timed flow
- Blank handle and vandal-resistant screw
- 1/2" NPS male shank inlet
- Includes tailpiece and nut for 1/4" NPT connection (150A)
- 4-1/8" (105 mm) center of faucet to outlet
- 7/8" (22 mm) clearance from deck to
- 2.2 GPM aerator (B-0199-02)



# B-0805-PA Pivot Action Metering Single Temperature Faucet

- Single hole single temperature deck-mount basin faucet
- Pivot action metering cartridge with adjustable timed flow
- Blank handle and vandalresistant screw
- 1/2" NPSM male inlet with coupling nut
- Fits sinks up to 1" (25 mm) thick
- 4-5/16" (110 mm) center of faucet to outlet
- 1-5/8" (41 mm) clearance from deck to aerator
- 2.2 GPM aerator (B-0199-02)

### B-0831-PA Pivot Action Metering Lavatory Faucet

- 4" (102 mm) centerset deck-mount mixing faucet with cast basin spout
- Pivot action metering cartridges with adjustable timed flow and hot and cold handles with vandal-resistant screws
- 3-3/4" (95 mm) from inlet of faucet to outlet
- 2.2 GPM aerator (B-0199-03)
- 1-1/2" (38 mm) clearance from deck to aerator



# B-0800-PA Pivot Action Metering Wash Sink Single Temperature Faucet

- Single temperature wall-mount wash sink metering faucet
- Pivot action metering cartridge with adjustable timed flow
- Blank handle and vandal-resistant screw
- 1/2" NPT female inlet
- Rosespray outlet (B-0103)
- 6-3/4" (171 mm) overall length
- 4" (102 mm) from wall to center of outlet

### B-0807-PA Pivot Action Metering Faucet

- Single hole single temperature deck-mount basin faucet
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or ½" NPSM male thread)
- Pivot action metering cartridge with adjustable timed flow
- Blank handle and vandal-resistant screw
- Fits sinks up to 1-1/4" (32 mm) thick
- 4-5/16" (110 mm) center of faucet to outlet
- 1-5/8" (41 mm) clearance from deck to aerator
- 2.2 GPM aerator (B-0199-02)
- Mechanical temperature mixing valve with integral check valves



# B-0837-PA Pivot Action Metering Faucet

- 4" (102 mm) centerset deck-mount mixing faucet with cast basin spout
- Pivot action metering cartridges with adjustable timed flow and hot and cold handles with vandalresistant screws
- Drip-proof sprayface outlet
- 1-1/2" (38 mm) clearance from deck to outlet
- 3-3/4" (95 mm) from inlet of faucet to outlet



### **Pivot Action Metering Faucets**

All models:

- ADA compliant per ANSI A117.1
- Low force required to activate faucet
- Load tested to 150 lbs. of force to meet the most demanding applications

# 5

# B-2490-PA Pivot Action Metering Faucet

- Single hole single temperature deck-mount basin faucet
- Pivot action metering cartridge with adjustable timed flow and blank handle with vandalresistant screw
- 2.2 GPM aerator (B-0199-02)
- 18" flexible inlet hoses (compression fittings for 5/8" O.D. tubing or ½" NPSM male thread)
- 4-1/8" (105 mm) from center of faucet to center of outlet
- Mechanical temperature mixing valve with integral check valves



### **Pivot Action Metering Faucets / Concealed Widespread**

**NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

- Easy installation
- 1/2" O.D. slip inlets
- Teflon seat washers
- 1/2" NPSM coupling nuts

## Easy Install

### B-2820-PA Concealed Body Lavatory Faucet

- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- Pivot action metering cartridges with adjustable timed flow and hot and cold handles with vandal-resistant screws
- 5-1/2" (140 mm) rigid gooseneck (120X)
- Stream regulator outlet (B-LT)
- 5-5/8" (143 mm) clearance from deck to tip of outlet
- 1/2" NPSM male inlets with coupling nuts



# B-2991-PA Pivot Action Metering Valve Lavatory Faucet

- 8" (203 mm) deck-mount EasyInstall concealed widespread faucet
- Pivot action metering cartridges with adjustable timed flow and hot and cold handles with vandal-resistant screws
- 5-1/4" (133 mm) cast basin spout
- 2.2 GPM aerator (B-0199-03)
- 2" (51 mm) clearance from deck to aerator
- 1/2" NPSM male inlets with coupling nuts

PATENTED DESIGN PATENT NUMBER 7,472,434



D 24



All models: • Provide adjustable, timed flow of water

ADA compliant

· Vandal resistant

Require less than 5 lbs. operating force to open

• Remain open for 10 seconds minimum



### B-0805 Slow Self-Closing Single Temperature Faucet

- Single hole single temperature deckmount faucet
- Slow self-closing metering cartridge with adjustable timed flow
- Blank push button cap with vandalresistant screw
- 2.2 GPM aerator outlet (B-0199-02)
- 4-15/16" (125 mm) high
- 1-5/8" (42 mm) clearance
- Fits sinks up to 1" thick
- 1/2" NPSM inlet with coupling nuts
- Furnished with spanner bit for vandal-resistant screw
- See chart below for related B-0805 models





### B-0800 Slow Self-Closing Wash Sink Single Temperature Faucet

- Single hole single temperature wall-mount faucet
- Slow self-closing metering cartridge with adjustable timed flow
- Blank push button cap with vandal-resistant screw
- Rosespray outlet (B-0103)
- 4" (102 mm) spread from wall to center of outlet
- 1/2" NPT female inlet
- Furnished with spanner bit for vandal-resistant screw



### B-0805 Models:

MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0805	Metering (Slow Self-Closing)	4-15/16"	1-5/8"	4-5/16"	B-0199-02 aerator	2.2 GPM	Push button	Υ	
B-0805-01	Wrist action metering	8-7/16"	1-5/8"	4-5/16"	B-0199-02 aerator	2.2 GPM	4" Wrist Action	N	Cold index; see inset illustration (above)
B-0805-DP	Metering (Slow Self-Closing)	5-7/16"	2-1/16"	4-5/16"	B-0199-02 aerator	2.2 GPM	Push button (Blank)	Υ	4" C/C chrome plated deckplate
B-0805-F05	Metering (Slow Self-Closing)	4-15/16"	1-5/8"	4-5/16"	B-0199-02-N05 non-aerated spray device	0.5 GPM	Push button (Blank)	Υ	
B-0805-VF05	Metering (Slow Self-Closing)	4-15/16"	1-5/8"	4-5/16"	B-0199-07-N05 VR spray device	0.5 GPM	Push button (Blank)	Υ	
B-0805-VR	Metering (Slow Self-Closing)	5-1/4"	1-7/8"	4-5/16"	B-0199-07 VR aerator	2.2 GPM	Push button (Blank)	Υ	4" C/C chrome plated VR deckplate
B-0805-VR-LDP	Metering (Slow Self-Closing)	4-15/16"	1-5/8"	4-5/16"	B-0199-07 VR aerator	2.2 GPM	Push button (Blank)	Υ	
B-0805-VR-VF05	Metering (Slow Self-Closing)	5-1/4"	1-7/8"	4-5/16"	B-0199-07-N05 VR non-aerated spray device	0.5 GPM	Push button (Blank)	Υ	4" C/C chrome plated VR deckplate
B-0805-WS	Metering (Slow Self-Closing)	4-15/16"	1-1/2"	4-5/16"	B-0199-02-WS WaterSense aerator	1.5 GPM	Push button (Blank)	Υ	
B-0806	Metering (Slow Self-Closing)	4-15/16"	1-1/2"	4-3/8"	B-0103 Rosespray	_	Push button (Blank)	Υ	
B-0806-VR	Metering (Slow Self-Closing)	5-1/4"	1-13/16"	4-3/8"	B-0103 Rosespray	_	Push button (Blank)	Υ	4" C/C chrome plated VR deckplate



All models: • Provide adjustable, timed flow of water

- ADA compliant
- · Vandal resistant

- Require less than 5 lbs. operating force to open
- Remain open for 10 seconds minimum

# 5

# B-0807 Slow Self-Closing Mixing Faucet

- Single hole single temperature deck-mount faucet
- Slow self-closing metering cartridge with adjustable timed flow
- Blank push button cap with vandal-resistant screw
- 2.2 GPM aerator outlet (B-0199-02)
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or 1/2" NPSM male thread)
- Fits sinks up to 1-1/4" (32 mm) thick
- 4-15/16" (125 mm) high
- Mechanical temperature mixing valve with integral check valves



Water-Saving

Models



MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0807	Metering (Slow Self-Closing)	4-15/16"	1-5/8"	4-5/16"	B-0199-02 aerator	2.2 GPM	Push button (Blank)	Υ	
B-0807-01	Wrist Action	8-7/16"	1-5/8"	4-5/16"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (Cold index)	N	
B-0807-VR	Metering (Slow Self-Closing)	5-1/4"	1-7/8"	4-5/16"	B-0199-07 VR aerator	2.2 GPM	Push button (Blank)	Υ	4" C/C chrome plated VR deckplate
B-0807-WS	Metering (Slow Self-Closing)	4-15/16"	1-5/8"	4-5/16"	B-0199-02-WS WaterSense aerator	1.5 GPM	Push button (Blank)	Υ	
B-0808	Metering (Slow Self-Closing)	4-15/16"	1-7/16"	4-3/8"	B-0103 Rosespray	_	Push button (Blank)	Υ	
B-0842	Eterna	8-1/4"	1-5/8"	4-5/16"	B-0199-02 aerator	2.2 GPM	4" Wrist Action (Cold index)	Υ	

VR Vandal-resistant

# B-0712 Push Button Metering Faucet

- Single hole single temperature deck-mount faucet
- Slow self-closing metering cartridge with adjustable timed flow
- Blank push button cap with vandal-resistant screw
- 2.2 GPM aerator outlet (B-0199-02)

- 1/2" NPS male shank
- 4-1/8" (105 mm) center of faucet to center of spout



MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0712	Metering (Slow Self-Closing)	4-5/8"	7/8"	4-1/8"	B-0199-02 aerator	2.2 GPM	Push button (Blank)	Υ	
B-0712-01VRS	Metering (Slow Self-Closing)	5-1/16"	7/8"	4-1/8"	B-0199-07 VR aerator	2.2 GPM	Lever	Υ	VR handle screw (B-VRS)
B-0712-4DP	Metering (Slow Self-Closing)	4-15/16"	1-3/16"	4-1/8"	B-0199-02 aerator	2.2 GPM	Push button (Blank)	Υ	4"C/C chrome plated VR deckplate
B-0712-ESC	Metering (Slow Self-Closing)	5-1/8"	1-5/16"	4-1/8"	B-0199-02 aerator	2.2 GPM	Push button (Blank)	Υ	6-1/8" wide polished chrome cover plate
B-0712-F05	Metering (Slow Self-Closing)	4-5/8"	7/8"	4-1/8"	B-0199-02-NO5 non-aerated spray device	0.5 GPM	Push button (Blank)	Υ	
B-0712-VF05	Metering (Slow Self-Closing)	4-5/8"	7/8"	4-1/8"	B-0199-07-NO5 VR non-aerated spray device	0.5 GPM	Push button (Blank)	Υ	
B-0712-VF05-4DP	Metering (Slow Self-Closing)	4-15/16"	1-3/16"	4-1/8"	B-0199-07-NO5 VR non-aerated spray device	0.5 GPM	Push button (Blank)	Υ	4" C/C chrome plated VR deckplate
B-0712-WS	Metering (Slow Self-Closing)	4-5/8"	7/8"	4-1/8"	B-0199-02-WS WaterSense aerator	1.5 GPM	Push button (Blank)	Υ	
B-0713	Metering (Slow Self-Closing)	4-5/8"	7/8"	4-1/8"	B-0199-07 VR aerator	2.2 GPM	Push button (Blank)	Υ	



All models: • Prov

- · Provide adjustable, timed flow of water
- ADA compliant
- Vandal resistant

- Require less than 5 lbs. operating force to open
- Remain open for 10 seconds minimum

### B-0831 Slow Self-Closing Centerset Lavatory Faucet

- 4" centerset deck-mount mixing faucet with cast basin spout
- Slow self-closing metering cartridges with adjustable timed flow
- Hot and cold push button caps with vandal-resistant screws
- 2.2 GPM aerator outlet (B-0199-03)
- 3-3/4" (95 mm) from inlet of faucet to outlet
- 1-7/16" (37 mm) clearance from deck to gerator
- Includes spanner bit for vandal-resistant screws





MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-0830	Metering (Slow Self-Closing)	3-7/16"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	Push button (H & C)	Υ	Includes pop-up drain (B-0898)
B-0831	Metering (Slow Self-Closing)	3-7/16"	1-7/16"	3-3/4"	B-0199-03 aerator	2.2 GPM	Push button (H & C)	Υ	
B-0831-02	Metering (Slow Self-Closing)	3-7/16"	1-7/16"	3-3/4"	B-0199-03-N05 non-aerated spray device	0.5 GPM	Push button (H & C)	Υ	
B-0831-02VR	Metering (Slow Self-Closing)	3-7/16"	1-7/16"	3-3/4"	B-0199-08-N05 non-aerated spray device	0.5 GPM	Push button (H & C)	Υ	Includes VR key
B-0831-F05	Metering (Slow Self-Closing)	3-7/16"	1-7/16"	3-3/4"	B-0199-03-N05 non-aerated spray device	0.5 GPM	Push button (H & C)	Υ	
B-0831-VF05	Metering (Slow Self-Closing)	3-7/16"	1-7/16"	3-3/4"	B-0199-08-N05 VR non-aerated spray device	0.5 GPM	Push button (H & C)	Υ	Includes VR key
B-0831-VR	Metering (Slow Self-Closing)	3-7/16"	1"	3-13/16"	B-0199-08 VR aerator	2.2 GPM	Push button (H & C)	Υ	Includes VR key
B-0831-WS	Metering (Slow Self-Closing)	3-7/16"	1-7/16"	3-3/4"	B-0199-03-WS WaterSense aerator	1.5 GPM	Push button (H & C)	Υ	

VR Vandal-resistant

### B-0833 Slow Self-Closing Centerset Lavatory Faucet with Pop-Up

- 4" centerset deck-mount mixing faucet
- Slow self-closing metering cartridge with adjustable timed flow
- Rigid gooseneck with 2.2 GPM aerator (B-0199-02)
- 3-7/8" (98 mm) from inlet of faucet to outlet
- 5-11/16" (144 mm) clearance from deck to aerator
- 1/2" NPSM inlets with coupling nuts
- Includes pop-up drain assembly (B-0898)
- Includes spanner bit for vandal-resistant screws



**B-0834** Same as B-0833 except without pop-up assembly

B-0834-01 Same as B-0834 except with wrist action metering cartridges with 4" (102 mm) handles (shown, below)



### **Slow Self-Closing Metering Faucets**

All models:

- Provide adjustable, timed flow of water
- ADA compliant
- Vandal resistant

- Require less than 5 lbs. operating force to open
- Remain open for 10 seconds minimum

# E

### B-0836 Slow Self-Closing Centerset Lavatory Faucet with Pop-Up

- 4" centerset deck-mount mixing faucet with cast basin spout
- Slow self-closing metering cartridge with adjustable timed flow
- Hot and cold push button caps with vandal-resistant screws
- 3-3/4" (95 mm) from inlet of faucet to outlet
- Drip-proof spray face
- •1-9/16" (40 mm) clearance from deck to outlet
- Includes pop-up drain (B-0898)

**B-0837** Same as B-0836 except without pop-up assembly



### B-2821 Concealed Body Lavatory Faucet

- 8" deck-mount EasyInstall concealed widespread faucet
- Slow self-closing metering cartridge with adjustable timed flow
- Hot and cold push button caps with vandal-resistant screws
- Rigid gooseneck (120X)
- Stream regulator outlet (B-LT)
- 6-1/4" (159 mm) spread from inlet centers to center of outlet
- 6-3/16" (157 mm) clearance from deck to tip of outlet
- Includes pop-up drain (B-0898)



# B-2490 Slow Self-Closing Metering Valve

- Single hole single temperature deck-mount basin faucet
- Slow self-closing metering cartridge with adjustable timed flow and blank push button cap with vandalresistant screw
- 2.2 GPM aerator (B-0199-02)
- 18" flexible inlet hoses (compression fittings for 5/8" OD tubing or  $\frac{1}{2}$ " NPSM male thread)
- 4-1/8" (105 mm) from center of faucet to center of outlet
- Mechanical temperature mixing valve with integral check valves

### B-2820 Concealed Body Lavatory Faucet

- 8" deck-mount EasyInstall concealed widespread faucet
- Slow self-closing metering cartridges with adjustable timed flow
- Hot and cold push button caps with vandal-resistant screws
- 5-1/2" (140 mm) rigid gooseneck (120X)
- Stream regulator outlet (B-LT)
- 5-5/8" (143 mm) clearance from deck to tip of outlet
- 1/2" NPSM male inlets with coupling nuts
- B-2820-01 Same as B-2820 except with slow close metering cartridges and B-WH4 4" (102 mm) wrist action handles (shown inset, right)
- **B-2820-PA** Same as B-2820 except with pivot action metering cartridge/handles (see page D24)

# Easy Install



New

Water-

Saving Model



# **NEW!** Slow Self-Closing Metering Faucet with Temperature Adjustment

### B-2760-H Temperature Adjustable Metering Faucet

- 4" centerset lavatory faucet with slow-closing metering/temperature selection
- 0.5 GPM aerator saves water
- Brass, bronze, stainless steel parts with heavy-duty cast brass body
- Blade type handle requires only 5 lbs. pressure to operate
- Adjustable time flow can be set to less than 30 seconds
- Vandal-resistant design
- Easily adjust water temperature by turning handle; closes automatically when released





All models:

- · Provide adjustable, timed flow of water
- Require less than 5 lbs. operating force to open
- ADA compliant
   Vandal resistant
  - Remain open for 10 seconds minimum

Water-Saving Models

### B-2991 Lavatory Faucet



- 8" deck-mount EasyInstall concealed widespread faucet
- Slow self-closing metering cartridges with adjustable timed flow
- · Hot and cold push button caps with vandal-resistant screws
- 2.2 GPM aerator (B-0199-03)
- 5-1/4" (127 mm) cast basin spout
- 2" (51 mm) clearance from deck to aerator
- 1/2" NPSM inlets with coupling nuts
- Includes spanner bit for vandal-resistant screws





MODEL	CARTRIDGE	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	VR	NOTES
B-2991	Metering (Slow self-closing)	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Push button (H & C)	Υ	
B-2991-P	Metering (Slow self-closing)	3-1/16"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	Push button (H & C)	Υ	Includes pop-up drain (B-0898)
B-2991-PWH4	Metering (Slow self-closing)	4-7/8"	2"	5-1/4"	B-0199-03 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	Includes pop-up drain (B-0898)
B-2991-VR	Metering (Slow self-closing)	3-1/16"	1-9/16"	5-3/8"	B-0199-08 VR aerator	2.2 GPM	Push button (H & C)	Υ	Includes VR key for aerator
B-2991-WS	Metering (Slow self-closing)	3-1/16"	2"	5-1/4"	B-0199-03-WS WaterSense aerator	1.5 GPM	Push button (H & C)	Υ	
B-2823-02	Metering (Slow self-closing)	3-1/16"	1-9/16"	5-3/8"	B-0199-03F-05 aerator with flow control	0.5 GPM	Push button (H & C)	Υ	

VR Vandal-resistant

### **Slow Self-Closing Metering Faucets with Wrist Action Handles (-WA)**

All models:

- Provide adjustable, timed flow of water
- ADA compliant
- Conserves water

- Require less than 5 lbs. operating force to open
- Remain open for 10 seconds minimum



# B-0712-WA Wrist Action Metering Faucet

- Single hole single temperature deckmount basin faucet
- Wrist action metering cartridge
- 4" (102 mm) wrist action handle (B-WH4) with cold index
- 1/2" NPSM male inlet
- Includes tailpiece and nut for 1/4" NPT connection
- 4-1/8" (105 mm) center of faucet to center of outlet
- 7/8" (22 mm) outlet clearance
- 2.2 GPM aerator (B-0199-02)
- Metering cartridge conserves water



# B-0831-WA Wrist Action Metering Faucet

- 4" centerset deck-mount mixing faucet
- Wrist action metering cartridges
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- 1/2" NPSM male inlets
- 1-1/2" (38 mm) outlet clearance
- 3-3/4" (95 mm) center of inlets to center of outlet
- 2.2 GPM aerator (B-0199-03)
- Metering cartridges conserve water





### **NEW!** Slow Self-Closing Metering Faucets with Wrist Action Handles (-WA)

All models:

- · Provide adjustable, timed flow of water
- ADA compliant
- · Conserves water

- Require less than 5 lbs. operating force to open
- Remain open for 10 seconds minimum



### B-0892-WA **Wrist Action Metering Faucet**

- 4" centerset deck-mount mixing faucet
- Wrist action metering cartridges
- 4" (102 mm) wrist action handles (B-WH4)
- 6-5/8" (168 mm) clearance from deck to aerator
- Rigid gooseneck (005028-40)
- 2.2 GPM aerator (B-0199-01)
- 4-1/16" (103 mm) spread from center of inlets to center of outlet
- 1/2" NPSM male inlets with coupling nuts
- Metering cartridges conserve water



### B-2866-05-WA **Wrist Action Metering Faucet**

• 8" deck-mount EasyInstall concealed widespread faucet

• Wrist action metering cartridges • 4" (102 mm) wrist action handles

(B-WH4) • 5-3/4" (146 mm) spread swivel

gooseneck Includes lock washer for

rigid conversion (014200-45)

- 2.2 GPM gergtor outlet (B-0199-01)
- 6-1/8" (155 mm) clearance from deck to face of spray
- 1/2" NPSM male inlets with coupling nuts
- Metering cartridges conserve water



### B-2865-04-WA **Wrist Action Metering Faucet**

• 8" deck-mount EasyInstall concealed widespread faucet

- Wrist action metering cartridges
- 4" (102 mm) wrist action handles (B-WH4)
- 5-1/2" (140 mm) spread rigid aooseneck
- Rosespray outlet (B-0103)
- 5" (127 mm) clearance from deck to face of spray
- 1/2" NPSM male inlets with coupling nuts
- Metering cartridges conserve water





### **B-2991-WA Wrist Action Metering Faucet**

• 8" deck-mount EasyInstall concealed widespread faucet

• 5-1/4" (133 mm) cast basin spout with 2.2 GPM aerator outlet (B-0199-03)

- Wrist action metering cartridges
- 4" (102 mm) wrist action handles (B-WH4)
- Slow self-closing metering cartridges
- 2" (51 mm) clearance from deck to aerator
- 1/2" NPSM male inlets with coupling nuts
- Metering cartridges conserve water



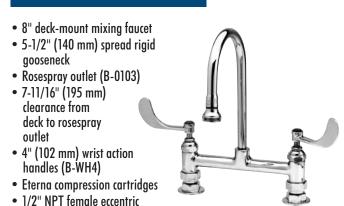


**Looking for Nozzles, Aerators, Goosenecks and Handles?** See Our NEW Accessories section in the G-11


### **Surgical Sink Faucets**

• 8" (203 mm) centers with adjustaable inlets

### B-0322-04 Surgical Sink Faucet

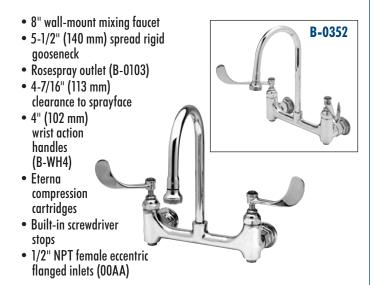


B-0322 Same as B-0322-04 except with 6" (152 mm) wrist action handles (B-WH6)

flanged inlets (00AA)

- B-0323-04 Same as B-0322-04 except with stream regulator outlet (B-LT)
- **B-0324-04** Same as B-0322-04 except with 4" (102 mm) centers and stream regulator outlet (B-LT)

# B-0352-04 Surgical Sink Faucet with Built-In Stops



- **B-0353-04** Same as B-0352-04 except with stream regulator outlet (B-LT)
- B-0352 Same as B-0352-04 except with 6" (152 mm) wrist action handles (B-WH6)

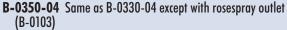
• B-WH4 4" wrist action handles



B-0350

### B-0330-04 Surgical Sink Faucet

- 8" wall-mount mixing faucet
- 5-1/2" (140 mm) spread rigid gooseneck (120X)
- Stream regulator outlet (B-LT)
- 4" (102 mm) wrist action handles (B-WH4)
- Eterna compression cartridges
- 1/2" NPT female eccentric flanged inlets (00AA)
- 6" (152 mm) clearance to stream regulator outlet



B-0350 Same as B-0350-04 except with 6" (152 mm) wrist action handles

### B-0355-04 Surgical Sink Faucet with Adjustable Inlet and Loose Key Stops

• 8" wall-mount mixing faucet

 5-1/2" (140 mm) spread rigid gooseneck

 Rosespray outlet (B-0103)

• 5-3/8" (137 mm) clearance to rosespray outlet

 4" (102 mm) wrist action handles (B-WH4)

- Eterna compression cartridges
- 1/2" NPT female eccentric flanged inlets with screwdriver stop (00XX)
- Adjustable inlets 3-3/4" (95 mm) to 12-3/4" (319 mm)



### **Pedal Valves**

Note: Pedal valves with metering cartridges recommended for use with higher water pressures or when

hammer arrestors are not used.

- All models have: Self closing valve
  - 1/2" NPT inlet and outlet
- Extended pedals (wall mounted models)
- Pedals flip up and stay up for cleaning (wall mounted models)

### B-0502 Double Pedal Valve, Floor Mounted

- Inlets on 2-7/16" (62 mm) centers
- 1" (25 mm) from floor to center of inlets
- 1/2" NPT female inlets and outlets
- Furnished with two wood mounting screws

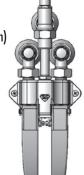


**B-0502-LKS** Same as B-0502 except with loose key stops **B-0502-SL** Same as B-0502 except with slow-close metering cartridges

### B-0504-01 Double Pedal Valve, Wall Mounted

- Inlets on 2-7/16" (62 mm) centers
- 1" (25 mm) from wall to center of inlets
- Wall to pedal tips approximately 13-3/4" (349 mm)
- Angle loose key stops with 1/2" NPT female inlets (B-1350)
- Top mounted loose key angle volume control with 3/8" NPT female outlet (B-1355)

B-0504-02 Same as B-0504-01 except with loose key straight volume control with 1/2" NPT female outlet (B-0416)



### B-0507 Single Pedal Valve, Floor Mounted

- For hot or cold water
- 1" (25 mm) from floor to center of inlets
- 1/2" NPT female inlet and outlet
- Furnished with two wood mounting screws



### B-0508-01 Single Pedal Valve, Wall Mounted

- · For hot or cold water
- 1" (25 mm) from wall to center of inlet
- Wall to pedal tip approximately 13-3/4" (349 mm)
- Angle loose key stop with 1/2" NPT female inlet (B-1351)
- Angle loose key volume control valve with 3/8" NPT female outlet (B-1355)



B-0504

- Inlets on 2-7/16" (62 mm) centers
- 1" (25 mm) from wall to center of outlets
- Wall to pedal tips approximately 13-3/4" (349 mm)
- 1/2" NPT female inlets and outlets
- Furnished with two wood mounting screws



B-0504-LKS Same as B-0504 except with straight loose key stops
B-0504-SL Same as B-0504 except with metering cartridges
B-0504-03 Same as B-0504 except with loose key angle stops
B-0504-03SL Same as B-0504-03 except with metering cartridges

### B-0505 Double Pedal Valve, Ledge Mounted

- Inlets on 2-7/16" (62 mm) centers
- Polish chrome plated
- 1/2" NPT female inlets and outlets
- Furnished with two wood mounting screws

**B-0505-SL** Same as B-0505 except with metering cartridges



### B-0508 Single Pedal Valve, Wall Mounted

- For hot or cold water
- 1" (25 mm) from wall to center of inlet
- Wall to pedal tip approximately 13-3/4" (349 mm)
- 1/2" NPT female inlet and outlet

B-0508-LKS Same as B-0508 except with straight loose key stop; see page D33



### B-2464

Single Pedal Valve & Rigid Gooseneck Spout

- Single pedal valve (B-0507)
- 5-1/2" rigid gooseneck
- Rosespray outlet (B-0103)
- Rigid deck flange with 1/2" NPSM male inlet
- Includes tailpiece and nut for 1/4" NPT connection (150A)





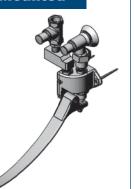
### **Pedal Valves**

All models have: • Self closing valve

- •1/2" NPT inlet and outlet
- Extended pedals (wall mounted models)
- Pedals flip up and stay up for cleaning (wall mounted models)

### B-0508-02 Single Pedal Valve, Wall Mounted

- For hot or cold water
- 1" (25 mm) from wall to center of inlet
- Wall to pedal tip approximately 13-3/4" (349 mm)
- Angle loose key stop with 1/2" NPT female inlet (B-1351)
- Straight loose key volume control with 1/2" NPT female outlet (B-0416)



### B-0508-LKS Single Pedal Valve, Wall Mounted

- For hot or cold water
- 1" (25 mm) from wall to center of inlet
- Wall to pedal tip approximately 13-3/4" (349 mm)
- Straight loose key stop with 1/2" NPT female inlet (B-0416)



### **Knee Valves**

All models: • Feed water automatically

• Provide sensitive, variable flow control for water conservation

# B-0473 Wall Support for Knee Action Valve

- All aluminum, fastens to wall and supports valve body of knee action valve
- Approximately 12" (305 mm) from wall to valve body mounting holes
- 3-1/4" (83 mm) of knee stirrup extends in front of 20" (508 mm) back to front basin
- Can be shortened by cutting aluminum pipe



- Cast aluminum
- Approximately 11-1/2" (292 mm) from wall to front
- For installation where knee action valve cannot be fastened to horizontal sink support bar
- Bracket supports 1/2 inlet pipes





# B-0474 Wall Bracket with B-0475 Knee Valve



### B-0475 Knee Action Valve

- Heavy duty cam acting stirrup
- Valve will remain in set position for hot, cold or mixed water
- 1/2" NPT female inlets
- 2-7/16" (62 mm) centers
- 1/2" NPT female outlet



### B-0509 Double Knee Pedal Valve

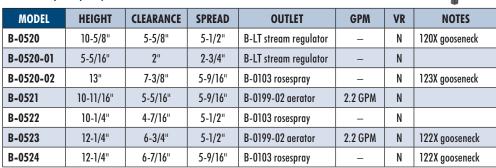
- Inlets on 2-7/16" (62 mm) centers
- Pedals 6-1/4" (159 mm) long
- Furnished with two wood mounting screws



### **Dummy Goosenecks - Rigid**

### B-0520 Rigid Gooseneck Spout

- Deck-mount
- 5-1/2" (140 mm) rigid gooseneck (120X)
- Stream regulator outlet (B-LT)
- 10-5/8" (270 mm) high from deck to top of gooseneck
- 5-1/8" (130 mm) clearance from deck to stream regulator outlet
- 1-11/16" (43 mm) dia. rigid deck flange with 1/2" NPSM male inlet
- Mounting nut and washer
- Includes (150A) tailpiece and nut for 1/4" NPT connection



VR Vandal-resistant

OUTLETS

### B-0520-F Series Rigid Gooseneck Spout

- Deck-mount
- 5-1/2" (140 mm) rigid gooseneck (120X)
- Stream regulator outlet (B-LT)
- Flow control option in shank; specify desired flow from chart
- 1-11/16" (43 mm) dia. rigid deck flange with 1/2" NPSM male inlet
- Includes (150A) tailpiece and nut for 1/4" NPT connection

### B-0520-F Flow Control Models:

Flow (GPM)	Suffix	Specify
.25	-03	B-0520-F03
.40	-05	B-0520-F05
.70	-07	B-0520-F07
.90	-10	B-0520-F10
1.20	-12	B-0520-F12
1.40	-15	B-0520-F15
2.0	-20	B-0520-F20



### B-0520-F1 Series Rigid Gooseneck Spout

- Deck-mount
- 5-1/2" (140 mm) plain end rigid gooseneck (120XP)
- Plain end spout, laminar flow, no threaded outlet
- Flow control option in shank; specify desired flow from chart
- 1-11/16" (43 mm) dia. rigid deck flange with 1/2" NPSM male inlet
- Includes (150A) tailpiece and nut for 1/4" NPT connection

### B-0520-F1 Flow Control Models:

Flow (GPM)	Suffix	Specify
.25	-03	B-0520-F1-03
.40	-05	B-0520-F1-05
.70	-07	B-0520-F1-07
.90	-10	B-0520-F1-10
1.20	-12	B-0520-F1-12
1.40	-15	B-0520-F1-15
2.0	-20	B-0520-F1-20

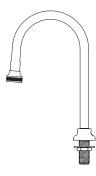


### B-0522-F Series Rigid Gooseneck Spout

- Deck-mount
- 5-9/16" (141 mm) rigid gooseneck
- Rosespray outlet (B-0103)
- Flow control option in shank; specify desired flow from chart
- 1-11/16" (43 mm) dia. rigid deck flange with 1/2" NPSM male inlet
- Includes (150A) tailpiece and nut for 1/4" NPT connection

B-0522-F	Flow (GPM)	Suff
Flow Control Models:	.25	-03
	40	05

Flow (GPM)	Suffix	Specify
.25	-03	B-0522-F03
.40	-05	B-0522-F05
.70	-07	B-0522-F07
.90	-10	B-0522-F10
1.20	-12	B-0522-F12
1.40	-15	B-0522-F15
2.0	-20	B-0522-F20



D 34



### **Dummy Goosenecks - Rigid and Swivel**

### B-0535 Rigid Gooseneck Spout

- Wall-mount
- 3/8" NPT female inlet with 2" (51 mm) dia. flange
- 5-9/16" (141 mm) rigid spread gooseneck
- Rosespray outlet (B-0103)
- 10-3/4" (273 mm) to top of gooseneck
- 5-1/8" (130 mm) clearance from center line of inlet to outlet of rosespray
- 7-13/16" (198 mm) from wall to outlet of rosespray



### B-0536 Rigid Gooseneck Spout

- Wall-mount
- 1/2" NPT female inlet with 2" (51 mm) dia. flange
- 5-9/16" (141 mm) rigid spread gooseneck
- Rosespray outlet (B-0103)
- 10-5/8" (270 mm) to top of gooseneck
- 4-15/16" (125 mm) clearance from center of inlet to rosespray
- 7-13/16" (198 mm) from wall to outlet of rosespray



# B-0525 Swivel Goosenecks and Swing Spouts

- 3/8" NPT female inlet
- B-PT stream regulator outlet
- Adjustable 2" (51 mm) wall flange
- 5-11/16" (145 mm) spread swivel gooseneck (133X)
- 10-5/8" (270 mm) to top of gooseneck
- 6-1/2 " (165 mm) clearance from center of inlet to stream regulator





MODEL	HEIGHT	CLEARANCE	SPREAD	EAD OUTLET		VR	NOTES			
SWING SPOUTS	SWING SPOUTS (shown above, right)									
B-0526-2	5-5/16"	2-9/16"	6"	B-PT stream regulator	_	N	059X swing nozzle			
B-0526-3	5-13/16"	3"	8"	8" B-PT stream regulator -		N	060X swing nozzle			
B-0526-4	5-13/16"	3-3/4"	10"	B-PT stream regulator	-	N	061X swing nozzle			
B-0526-5	6-5/8"	3-3/4"	12"	B-PT stream regulator	_	N	062X swing nozzle			
B-0526-16	8-7/8"	6-1/8"	16"	B-PT stream regulator	_	N	064X swing nozzle			
SWIVEL GOOSEN	NECKS (shown o	above, left)								
B-0525	10-5/8"	6-1/2"	5-11/16"	B-PT stream regulator	_	N	133X gooseneck			
B-0527	10-1/2"	6-1/8"	5-3/4"	B-0199-01 aerator	2.2 GPM	N	133X-AER gooseneck			
B-0528	10-1/2"	5-11/16"	5-3/4"	B-0103-01 rosespray	_	N				

### B-0529 Swivel Gooseneck Spout

- Wall-mount
- 3/8" NPT female inlet
- Adjustable 2" (51 mm) dia. wall flange
- 2-15/16" (75 mm) spread swivel gooseneck
- 2.2 GPM aerator (B-0199-01)
- 4-15/16" (125 mm) to top of gooseneck
- 2-3/8" (60 mm) clearance from center of inlet to aerator



### B-0529-01 Swivel Gooseneck Spout

- Wall-mount
- 3/8" NPT female inlet
- Adjustable 2" (51 mm) dia. wall flange
- 2-5/8" (67mm) spread swivel gooseneck (132X)
- B-LT stream regulator
- 5-13/16" (148 mm) clearance from center line of inlet to outlet of stream regulator
- 9-5/16" (236 mm) to top of gooseneck





### **Dummy Goosenecks - Swivel**

### B-0545-F Series Swivel Gooseneck Spout

- Deck-mount
- 5-11/16" (144 mm) plain end swivel gooseneck (133XP)
- Plain end spout, laminar flow, no threaded outlet
- Flow control in shank; specify desired flow from chart
- 10-5/8" (270 mm) high from deck to top of gooseneck
- 6-5/8" (170 mm) clearance from deck to stream regulator outlet
- 1-3/4" (44 mm) dia. swivel deck flange with 1/2" NPSM male inlet
- Mounting nut and washer
- Includes (150A) tailpiece and nut for 1/4" NPT connection

### B-0545-F Flow Control Models:

B-0545-F03
D-02-103
B-0545-F05
B-0545-F07
B-0545-F10
B-0545-F12
B-0545-F15
B-0545-F20





MODEL	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
B-0545-F15-LW	10-5/8"	6-5/8"	5-11/16"	Plain end spout (133XP)	1.40 GPM	N	Swivel gooseneck converts to rigid with furnished lock washer (014200-45)

VR Vandal-resistant

### B-0546 Swivel Gooseneck Spout

- Deck-mount
- 5-3/4" (145 mm) swivel gooseneck (133X-LAM)
- 2.2 GPM laminar flow outlet (B-0199-21)
- 10-5/8" (270 mm) high from deck to top of gooseneck
- 6-3/16" (157 mm) clearance from deck to outlet
- 1-3/4" (44 mm) dia. swivel deck flange with 1/2" NPSM male inlet (B-0431)
- Mounting nut and washer
- Includes (150A) tailpiece and nut for 1/4" NPT connection







B-0546-133X B-0546-133X-AER

B-0546-133XLF15

MODEL	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	VR	NOTES
B-0546	10-5/8"	6-3/16"	5-3/4"	B-0199-21 Laminar flow device	2.2 GPM	N	
B-0546-133X	10-5/8"	6-5/8"	5-11/16"	B-PT stream regulator	-	N	133X gooseneck; swivel gooseneck converts to rigid with furnished lock washer (014200-45)
B-0546-133X-AER	10-5/8"	6-1/8"	5-3/4"	B-0199-01 aerator	2.2 GPM	N	133X-AER swivel gooseneck; swivel gooseneck converts to rigid with furnished lock washer (014200-45)
B-0546-133XLF15	10-9/16"	6-1/8"	5-3/4"	B-0199-29 laminar flow device	1.50 GPM	N	Swivel gooseneck converts to rigid with furnished lock washer (014200-45)

VR Vandal-resistant

### **Bubblers**

### B-2360 Bubbler

- Polished chrome plated bubbler
- Flexible mouth guard
- Fast self-closing cartridge with lever handle and vandal-resistant screw
- Hidden flow control
- 1/2" NPSM shank and coupling nut
- Threaded holes on bottom flange accept anti-rotation pins



# B-2360-01-PA Bubbler with Pivot Action Metering Valve

- Polished chrome plated bubbler
- Pivot action metering cartridge
- Flexible mouth guard
- Hidden flow control
- 1/2" NPSM shank and coupling nut
- Threaded holes on bottom flange accept anti-rotation pins



Antimicrobial

**Handles Available** 

- **B-2360-02** Same as B-2360 except with removable anti-rotation pins and forged brass mouth guard
- **B-2360-03** Same as B-2360 except with forged brass mouth guard and push-button metering cartridge and removable anti-rotation pins
- $\boldsymbol{B-2360\text{-}04}$  Same as B-2360-02 except with 3" x 4" backing plate
- **B-2360-01-AR** Same as B-2360 except with push button metering handle and anti-rotation pins
- **B-2360-AR** Same as B-2360 except with anti-rotation pins

### B-2360-01 Bubbler

- Flexible mouth guard
- Push-button metering cartridge
- Hidden flow control
- 1/2" NPSM shank and coupling nut
- Threaded holes on bottom flange accept anti-rotation pins



### **Bubblers with Water Filtration**

**NEW!** T&S Glass Fillers, Bubblers and Water Stations with Everpure water filtration system

• Provides filtered tap water to ensure good-tasting, odor-free and contaminant-free water in your facility



# B-2360-WFK Bubbler with Water Filtration

### B-2360 Bubbler with:

- Flexible mouth guard
- Fast self-closing cartridge with lever handle and vandal-resistant screw
- Hidden flow control
- 1/2" NPSM shank and coupling nut
- Threaded holes on bottom flange accept anti-rotation pins (not included)

### Water Filtration:

Includes B-WFK docking station, filter cartridge and all necessary installation components:

- (1) 3/8" street elbow (148X)
- (2) 3/8" NPT x 3/8" compression male adapters (006101-45)
- (1) 20" stainless steel braided inlet hose 3/8" compression (013146-45)
- (1) 18" stainless steel braided connector hose 3/8" compression x 1/2" NPSM (5EF-0005)
- (2) mounting screws







### B-2360-01-WFK Bubbler with Water Filtration

### B-2360-01 Bubbler with:

- Flexible mouth guard
- Push-button metering cartridge
- Hidden flow control
- 1/2" NPSM shank and coupling nut
- Threaded holes on bottom flange accept anti-rotation pins (not included)

### Water Filtration:

Includes B-WFK docking station, filter cartridge and all necessary installation components:

- (1) 3/8" street elbow (148X)
- (2) 3/8" NPT x 3/8" compression male adapters (006101-45)
- (1) 20" stainless steel braided inlet hose 3/8" compression (013146-45)
- (1) 18" stainless steel braided connector hose 3/8" compression x 1/2" NPSM (5EF-0005)
- (2) mounting screws





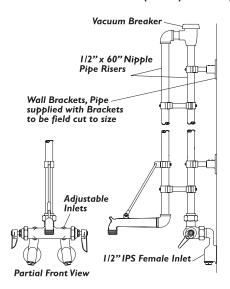


- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, such as removal and replacing Eterna cartridges
- · Internal spring checks (on select models) prevent crossflow and back flow of water

### B-0491-01 Service Sink Faucet with Elevated Vacuum Breaker

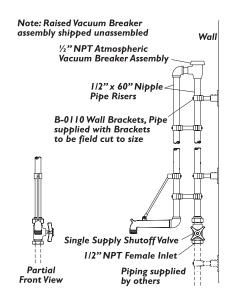


- 5' elevated atmospheric vacuum breaker
- 6-1/4" (159 mm) service sink spout with garden hose male thread outlet and pail hook
- Furnished with top spout brace and (2) B-0110 wall brackets
- 1/2" NPT female flanged adjustable arm inlets with screwdriver stop (OOXX)
- Adjustable inlet centers from 2-1/4" (57 mm) to 8-1/4" (210 mm)



### B-0492-01 Service Sink Faucet with Elevated Vacuum Breaker

- Single temperature supply shut-off valve
- 5' elevated atmospheric vacuum breaker
- 6-1/4" (159 mm) service sink spout with garden hose male thread outlet and pail hook
- Furnished with top spout brace and (2) B-0110 wall brackets





- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, such as removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

### B-0650-BSTP Service Sink Faucet

- 8" wall-mount service sink faucet
- Built-in screwdriver stops in body
- Polished chrome plated finish
- Eterna cartridges with spring checks
- Lever handles with color coded indexes
- Plain end spout with pail hook
- 5-7/16" (138 mm) clearance wall to center line of faucet
- 12-7/16" (316 mm) from wall to center of outlet
- Lower wall support with mounting screws
- 1/2" NPT female eccentric flanged inlets with extensions (B-0441)



MODEL	OUTLET	CLEARANCE WALL TO FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0650-BSTP	Plain end spout	5-7/16"	12-1/16"	Lever	1/2" NPT female eccentric flanged inlets w/ extensions (B-0441)	Polished chrome	Built-in stops
B-0650-01	Plain end spout	-	9-7/16"	6" Wrist- Action	1/2" NPT female adj. arm w/ screwdriver stops (00XX)	Polished chrome	
B-0650-02	Plain end spout	5-1/8"	14-15/16"	6" Wrist- Action	1/2" NPT female adj. arm w/ screwdriver stops (00XX)	Polished chrome	(2) 2-3/4" long inlet extensions (000610-25)
B-0650-BSTR	Plain end spout	5-7/16"	12-1/8"	Lever	1/2" NPT female eccentric flanged inlets w/ extensions (B-0441)	Rough chrome	Integral stops; built-in inlets
B-0650-POL	Plain end spout	5-1/8"	11-7/8"	Lever	1/2" NPT female eccentric flanged inlets w/ extensions (B-0441)	Polished chrome	Built-in stops
B-0650-RGH	Plain end spout	5-1/8"	11-7/8"	Lever	1/2" NPT female eccentric flanged inlets w/ extensions (B-0441)	Rough chrome	

### B-0651-POL Service Sink Faucet

- 8" wall-mount service sink faucet
- Polished chrome plated finish
- Eterna cartridges with spring checks
- Lever handles with color coded indexes
- Plain end spout with pail hook
- 5-1/8" (130 mm) clearance from wall to center line of faucet
- 11-13/16" (300 mm) from wall to center of outlet
- Lower wall support with mounting screws
- 1/2" NPT female inlets with loose key stops and extensions (OOJJ-XT)



MODEL	OUTLET	CLEARANCE WALL TO FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0651-POL	Plain end spout	5-1/8"	11-13/16"	Lever	1/2" NPT female inlets w/loose key stops and extensions (00JJ-XT)	Polished chrome	
B-0651-06	Plain end spout	5-1/8"	11-13/16"	6" Wrist- Action	1/2" NPT female inlets w/loose key stops and extensions (00JJ-XT)	Polished chrome	
B-0362	3/4" Garden hose	6-1/8"	14-3/8"	6" Wrist- Action	1/2" NPT female w/ loose key stop and extension	Polished chrome	Integral supply stops; extended inlets; extended spout
B-0651-RGH	Plain end spout	5-1/8"	11-13/16"	Lever	1/2" NPT female inlets w/loose key stops and extensions (00JJ-XT)	Rough chrome	



### B-0655-01 Service Sink Faucet

- 8" wall-mount service sink faucet
- Polished chrome plated finish
- Eterna cartridges with spring checks
- 6" (152 mm) wrist-action handles with color coded indexes
- Atmospheric vacuum breaker spout with 3/4" garden hose male thread and pail hook
- 9-3/16" (233 mm) from wall to center of outlet
- Lower wall support with mounting screws



• 1/2" NPT fei	1/2" NPT female adjustable arm inlets with screwdriver stops (OOXX)										
MODEL	OUTLET	CLEARANCE WALL TO FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES				
B-0655-01	3/4" Garden hose	2-3/4"	9-3/16"	6" Wrist- Action	1/2" NPT female adj. arm w/ screwdriver stops (00XX)	Polished chrome	Integral supply stops; 1/2" NPT vacuum breaker (B-0969)				
B-0655-02	3/4" Garden hose	8-1/4"	14-11/16"	6" Wrist- Action	Extended 1/2" NPT female adj. arm w/ screwdriver stops	Polished chrome	Integral supply stops; 1/2" NPT vacuum breaker (B-0969); extended inlets				
B-0655-03	3/4" Garden hose	5-1/2"	11-15/16"	6" Wrist- Action	Extended 1/2" NPT female adj. arm w/ screwdriver stops	Polished chrome	Integral supply stops; 1/2" NPT vacuum breaker (B-0969); extended inlets				
B-0655-04	3/4" Garden hose	8-1/4"	14-11/16"	6" Wrist- Action	Extended 1/2" NPT female adj. arm w/ screwdriver stops	Polished chrome	Upper wall support rod; 1/2" NPT vacuum breaker (B-0969); extended inlets				

Extended 1/2" NPT female adj.

arm w/ screwdriver stops

### B-0655-BSTP <u>Service Sink</u> Faucet

Plain end

spout

- 8" wall-mount service sink faucet
- Polished chrome plated finish

B-0652

- Eterna cartridges with spring checks
- Lever handles with color coded indexes
- Atmospheric vacuum breaker spout with 3/4" garden hose male thread and pail hook

9-1/2"

15-15/16"

6" Wrist-

Action

- 5-7/16" (138 mm) clearance from wall to center line of faucet
- 11-7/8" (302 mm) from wall to center of outlet
- Lower wall support with mounting screws
- 1/2" NPT female eccentric flanged inlets with extensions (B-0441)



Polished

chrome

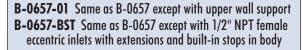
Integral supply stops; extended inlets

MODEL	OUTLET	CLEARANCE WALL TO FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0655-BSTP	3/4" Garden hose	5-7/16"	11-7/8"	Lever	1/2" NPT female eccentric flanged inlets w/ extensions (B-0441)	Polished chrome	Built-in stops; 1/2" NPT atmospheric vacuum breaker (B-0969)
B-0655-BSTP-CR	3/4" Garden hose	5-7/16"	11-7/8"	Lever	1/2" NPT female eccentric flanged inlets w/ extensions (B-0441)	Polished chrome	Cerama cartridges w/check valves; built-in stops;1/2" NPT atmospheric vacuum breaker (B-0969)
B-0655-BSTR	3/4" Garden hose	5-7/16"	11-7/8"	Lever	1/2" NPT female eccentric flanged inlets w/ extensions (B-0441)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0655-POL	3/4" Garden hose	5-1/8"	11-5/8"	Lever	1/2" NPT female eccentric flanged inlets w/ extensions (B-0441)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0655-RGH	3/4" Garden hose	5-1/8"	11-5/8"	Lever	1/2" NPT female eccentric flanged inlets w/ extensions (B-0441)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0656-POL	3/4" Garden hose	5-1/8"	11-9/16"	Lever	1/2" NPT female inlets w/ loose key stops & extensions (00JJ-XT)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0656-RGH	3/4" Garden hose	5-1/8"	11-9/16"	Lever	1/2" NPT female inlets w/ loose key stops & extensions (00JJ-XT)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969)



### **B-0657 Service Sink Faucet**

- 8" wall-mount service sink faucet
- Polished chrome plated finish
- Eterna cartridges with spring checks
- B-WH6 6" (152 mm) wrist-action handles with color coded indexes
- Atmospheric vacuum breaker spout with 3/4" garden hose male thread and pail hook
- 5-1/8" (130 mm) clearance from wall to center line of faucet
- 11-9/16" (294 mm) from wall to center of outlet
- 1/2" NPT female inlets with loose key stops and extensions (OOJJ-XT)
- Lower wall support with mounting screws





### B-0660-POL **Service Sink Faucet**

- 8" wall-mount service sink faucet
- Polished chrome plated finish
- Eterna cartridges with spring checks
- Lever handles with color coded indexes
- Spout with plain outlet and pail hook
- 9-1/8" (231 mm) from wall to center of outlet
- Upper wall support with mounting screws
- 2-3/8" (60 mm) from wall to center line of faucet
- 1/2" NPT female eccentric flanged inlets (OOAA)



MODEL	OUTLET	CLEARANCE WALL TO FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0660-POL	Plain	2-3/8"	9"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	
B-0660-BSTP	Plain	2-5/8"	9-3/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	Integral stops in faucet body
B-0660-BSTR	Plain	2-5/8"	9-3/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	Integral stops in faucet body
B-0660-RGH	Plain	2-3/8"	9"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	
B-0661-POL	Plain	3-3/8"	10-1/8"	Lever	1/2" NPT female w/loose key stops (00JJ)	Polished chrome	
B-0661-RGH	Plain	3-3/8"	10-1/8"	Lever	1/2" NPT female w/loose key stops (00JJ)	Rough chrome	

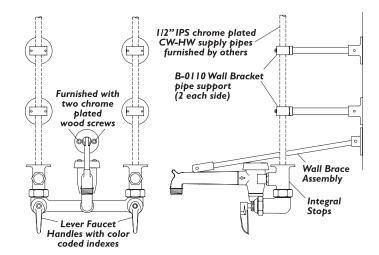




- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, such as removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

### B-0662 Service Sink Faucet with Ceiling Supply

- 8" wall supported ceiling mount service sink faucet
- Polished chrome plated finish
- Designed for exposed ceiling supply lines
- Eterna cartridges with spring checks
- Lever handles with color coded indexes
- Atmospheric vacuum breaker spout with 3/4" garden hose male thread and pail hook
- 1/2" NPT female inlets with integral supply stops (OOJJ)
- Includes four (B-0110) pipe supports for ceiling supplies
- Upper wall support with mounting screws
- 1/2" supply pipes supplied by others



### B-0664 Service Sink Faucet

- 8" wall-mount service sink faucet
- Polished chrome plated finish
- Eterna cartridges with spring checks
- 6" wrist action handles (B-WH6) with color coded indexes
- Spout with 3/4" garden hose male threads outlet and pail hook
- 9-1/2" (241 mm) from wall to center of outlet
- 3-3/8" (86 mm) from wall to center of faucet
- Lower wall support with mounting screws
- 1/2" NPT female inlets with loose key supply stops (OOJJ)



MODEL	OUTLET	CLEARANCE WALL TO FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0664	3/4" Garden hose thread	3-3/8"	9-7/8"	6" Wrist- Action	1/2" NPT female inlets w/ loose key supply stops (00JJ)	Polished chrome	Lower wall support
B-0664-01	Plain end	7-7/8"	14-3/16"	6" Wrist- Action	1/2" NPT female inlets w/ loose key supply stops and extensions (00JJ-XT)	Polished chrome	Lower wall support
B-0664-02	Plain end	5-1/8"	11-5/8"	6" Wrist- Action	1/2" NPT female inlets w/ loose key supply stops and extensions (00JJ-XT)	Polished chrome	Lower wall support
B-0664-03	3/4" Garden hose thread	7-7/8"	14"	4" Wrist- Action	1/2" NPT female inlets w/ loose key supply stops and extensions (00JJ-XT)	Polished chrome	B-0969 1/2" vacuum breaker; split ring bottom support adjustable clamp assembly fastens to 1-1/2" O.D. flush tube
B-0664-05	3/4" Garden hose thread	7-7/8"	14"	6" Wrist- Action	1/2" NPT female inlets w/ loose key supply stops and extensions (00JJ-XT)	Polished chrome	B-0969 1/2" vacuum breaker; split ring top support adjustable clamp assembly fastens to 1-1/2" O.D. flush tube



- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, such as removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

# 5

### B-0665-BSTP Service Sink Faucet

- 8" wall-mount service sink faucet
- Polished chrome plated finish
- Eterna cartridges with spring checks
- · Lever handles with color coded indexes
- Built in screwdriver stops
- Atmospheric vacuum breaker spout with 3/4" garden hose male thread and pail hook
- Upper wall support with mounting screws
- 2-11/16" (68 mm) clearance from wall to center line of faucet
- 9-1/8" (232 mm) from wall to center of outlet
- 1/2" NPT female eccentric flanged inlets (00AA)



MODEL	OUTLET	CLEARANCE WALL TO FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0665-BSTP	3/4" Garden hose male	2-11/16"	9-1/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969); built-in stops
B-0665-BSTP-963	3/4" Garden hose male	2-11/16"	11-1/4"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	1/2" NPT vacuum breaker (B-0963); built-in stops
B-0665-BSTP-CVB	3/4" Garden hose male	2-11/16"	8-7/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	Dual check valve vacuum breaker (B-0975); built-in stops
B-0665-BSTP-VRS	3/4" Garden hose male	2-11/16"	9-1/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	Vandal-resistant screws on handles (VRS-1); built-in stops
B-0665-BSTPM	3/4" Garden hose male	2-11/16"	9-1/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	B-0665-BSTP Master carton of 6
B-0665-BSTPM24	3/4" Garden hose male	2-11/16"	9-1/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	B-0665-BSTP Master carton of 24
B-0665-BSTR	3/4" Garden hose male	2-11/16"	9-1/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969); built-in stops
B-0665-BSTR-963	3/4" Garden hose male	2-11/16"	11-1/4"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	1/2" NPT vacuum breaker (B-0963); built-in stops
B-0665-BSTR-CVB	3/4" Garden hose male	2-11/16"	8-7/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	Dual check valve vacuum breaker (B-0975); built-in stops
B-0665-BSTRM	3/4" Garden hose male	2-11/16"	9-1/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	B-0665-BSTR Master carton of 6
B-0665-BSTRM12	3/4" Garden hose male	2-11/16"	9-1/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	B-0665-BSTR Master carton of 12
B-0665-BSTRM24	3/4" Garden hose male	2-11/16"	9-1/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	B-0665-BSTR Master carton of 24
B-0665-CR-BSTR	3/4" Garden hose male	2-11/16"	9-1/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	Ceramic cartridges w/check valves; 1/2" NPT atmospheric vacuum breaker (B-0969); built-in stops
B-0665-CR-POL	3/4" Garden hose male	2-3/8"	8-7/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	Ceramic cartridges; 1/2" NPT atmospheric vacuum breaker (B-0969)
B-0665-POL	3/4" Garden hose male	2-3/8"	8-7/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0665-RGH	3/4" Garden hose male	2-3/8"	8-7/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969)

Chart cont. next page



- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, such as removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

### B-0665-BSTP Service Sink Faucet



### **B-0665-BSTP FAUCETS, cont.**

MODEL	OUTLET	CLEARANCE WALL TO FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0666-POL	3/4" Garden hose male	3-3/8"	9-13/16"	Lever	1/2" NPT female inlets w/loose key stops (00JJ)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0666-RGH	3/4" Garden hose male	3-3/8"	9-13/16"	Lever	1/2" NPT female with integral stops (00JJ)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0658	3/4" Garden hose male	3-3/8"	9-7/8"	6" wrist- action	1/2" NPT female with integral stops (00JJ)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-1958	3/4" Garden hose male	5-1/8"	11-9/16"	4-Arm (175F)	1/2" NPT female with integral stops and extensions (00JJ-XT-RGH)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969)

### B-0667-POL Service Sink Faucet

- · Wall-mount service sink faucet
- Polished chrome plated finish
- 1/2" NPT female flanged adjustable arm inlets with screwdriver stops (OOXX)
- Adjustable centers from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- Eterna cartridges with spring checks
- Lever handles with color coded indexes
- Atmospheric vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- Top support wall brace with mounting screws
- 9-1/2" (241 mm) clearance from back of inlets to center of outlet



MODEL	OUTLET	CLEARANCE WALL-FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0667-POL	3/4" Garden hose male	3-1/16"	9-9/16"	Lever	1/2" NPT female flanged adj. arm inlets screwdriver stops (00XX)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0667-POLM	3/4" Garden hose male	3-1/16"	9-9/16"	Lever	1/2" NPT female flanged adj. arm inlets screwdriver stops (00XX)	Polished chrome	B-0667-POL Master carton of 6
B-0667-RGH	3/4" Garden hose male	3-1/16"	9-9/16"	Lever	1/2" NPT female flanged adj. arm inlets screwdriver stops (00XX-RGH)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0667-RGHM	3/4" Garden hose male	3-1/16"	9-9/16"	Lever	1/2" NPT female flanged adj. arm inlets screwdriver stops (00XX-RGH)	Rough chrome	B-0667-RGH Master carton of 6
B-0667-RGHM24	3/4" Garden hose male	3-1/16"	9-9/16"	Lever	1/2" NPT female flanged adj. arm inlets screwdriver stops (00XX-RGH)	Rough chrome	B-0667-RGH Master carton of 24
B-0668-POL	3/4" Garden hose male	3-1/16"	9-9/16"	Lever	1/2" NPT female flanged adj. arm inlets (00GG)	Polished chrome	
B-0668-RGH	3/4" Garden hose male	3-1/16"	9-9/16"	Lever	1/2" NPT female flanged adj. arm inlets (00GG)	Rough chrome	



### **Service Sink and Sill Faucets**

- · Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, such as removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

### **B-0669-POL Service Sink Faucet**

- Wall-mount service sink faucet
- Polished chrome plated finish
- 1/2" NPT female flanged adjustable arm inlets with screwdriver stops (OOXX)
- Adjustable centers from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- Eterna cartridges with spring checks
- Lever handles with color coded indexes
- Atmospheric vacuum breaker spout with 3/4" garden hose male thread
- 5-1/2" (140 mm) from back of inlets to center of outlet

MODEL	OUTLET	CLEARANCE WALL-FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0669-POL	3/4" Garden hose male	3-1/16"	5-7/16"	Lever	1/2" NPT female flanged adj. arm inlets screwdriver stops (00XX)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0669-01	3/4" Garden hose male	3-1/16"	5-7/16"	Lever	1/2" NPT female flanged adj. arm inlets screwdriver stops (00XX)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969); spout w/ pail hook
B-0669-RGH	3/4" Garden hose male	3-1/16"	5-7/16"	Lever	1/2" NPT female flanged adj. arm inlets screwdriver stops (00XX-RGH)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969)
B-0670-POL	3/4" Garden hose male	3-1/16"	5-7/16"	Lever	1/2" NPT female flanged adj. arm inlets (00GG)	Polished chrome	1/2" NPT atmospheric vacuum breaker (B-0969); no stops
B-0670-01	3/4" Garden hose male	3-1/16"	5-7/16"	Lever	1/2" NPT female flanged adj. arm inlets (00GG)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969); spout w/ pail hook
B-0670-RGH	3/4" Garden hose male	3-1/16"	5-7/16"	Lever	1/2" NPT female flanged adj. arm inlets (00GG-RGH)	Rough chrome	1/2" NPT atmospheric vacuum breaker (B-0969)

### **B-0671-POL Service Sink Outlet**

- Polished chrome plated finish
- Nozzle has 3/4" aarden hose male thread and pail hook
- Upper wall support with mounting screws
- 6-1/8" (156 mm) from back of inlet to center of outlet
- 1/2" NPT female flanged inlet

**B-0671-RGH** Same as B-0671-POL except with rough chrome plated finish

# B-0692 Service Sink Outlet

- Concealed loose key straight valve with key and 1/2" NPT female inlet and outlet (B-1027)
- Nozzle with 1/2" NPT inlet and 3/4" garden hose male thread outlet
- 3-7/8" clearance from wall to outlet
- Elevated atmospheric vacuum breaker with 1/2" NPT female connections (B-0929-A)



### **B-0672-POL Service Sink Faucet**

- 8" wall-mount service sink faucet
- Polished chrome plated finish
- Eterna cartridges with spring checks
- Lever handles with color coded indexes
- Plain end spout with pail hook
- 4-7/16" (113 mm) from wall to center of outlet
- 1/2" NPT female eccentric flanged adjustable inlets (OOAA)
- Centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)



- male thread on nozzle B-0673-RGH Same as B-0672-RGH except with 3/4" garden hose
- male thread on nozzle











- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, such as removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

# と

### B-0674-BSTP Service Sink Faucet

- 8" wall-mount service sink faucet
- Polished chrome plated finish
- Eterna cartridges with spring checks
- Lever handles with color coded indexes
- Vacuum breaker spout and pail hook with 3/4" garden hose male thread
- 4-3/4" (121 mm) from wall to center of outlet
- 1/2" NPT female eccentric flanged inlets (OOAA)



- Adjustable centers from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- Built-in stops in body

MODEL	OUTLET	CLEARANCE WALL-FAUCET	WALL TO OUTLET	HANDLE	INLET FLANGES	FINISH	NOTES
B-0674-BSTP	3/4" Garden hose male	2-11/16"	5-1/16"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	1/2" NPT atmospheric vac. breaker (B-0969); built-in stops in body
B-0674-BSTPM	3/4" Garden hose male	2-11/16"	5-1/16"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	B-0674-BSTP Master carton of 6
B-0674-BSTR	3/4" Garden hose male	2-11/16"	5-1/16"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	1/2" NPT atmospheric vac. breaker (B-0969); built-in stops in body
B-0674-BSTRM	3/4" Garden hose male	2-11/16"	5-1/16"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	B-0674-BSTR Master carton of 6
B-0674-CR-BSTP	3/4" Garden hose male	2-11/16"	5-1/16"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	1/2" NPT atmospheric vac. breaker (B-0969); built-in stops in body; ceramic cartridges w/ check valves
B-0674-CR-BSTR	3/4" Garden hose male	2-11/16"	5-1/16"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	1/2" NPT atmospheric vac. breaker (B-0969); built-in stops in body; ceramic cartridges w/ check valves
B-0674-CR-POL	3/4" Garden hose male	2-3/8"	4-3/4"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	Ceramic cartridges w/check valves; 1/2" NPT atmospheric vac. breaker (B-0969)
B-0674-POL	3/4" Garden hose male	2-3/8"	4-3/4"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	1/2" NPT atmospheric vac. breaker (B-0969)
B-0659	3/4" Garden hose male	2-3/8"	4-3/4"	6" Wrist action	1/2" NPT female eccentric (00AA)	Polished chrome	
B-0674-POLM	3/4" Garden hose male	2-3/8"	4-3/4"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	B-0674-POL Master carton of 6
B-0674-RGH	3/4" Garden hose male	2-3/8"	4-3/4"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	1/2" NPT atmospheric vac. breaker (B-0969)
B-0674-RGHM	3/4" Garden hose male	2-3/8"	4-3/4"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	B-0674-RGH Master carton of 6
B-0674-RGHM24	3/4" Garden hose male	2-3/8"	4-3/4"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	B-0674-RGH Master carton of 24
B-0693-POL	3/4" Garden hose male	3-3/8"	5-3/4"	Lever	1/2" NPT female w/ integral stops (00JJ)	Polished chrome	1/2" NPT atmospheric vac. breaker (B-0969) less pail hook
B-2271	3/4" Garden hose male w/ quick-connect fitting	2-3/8"	4-7/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	1/2" NPT atmospheric vac. breaker (B-0969); 1/2" NPT supply nipples
B-2271-CR	3/4" Garden hose male w/quick-connect fitting	2-3/8"	4-7/8"	Lever	1/2" NPT female eccentric (00AA)	Rough chrome	Ceramic cartridges w/check valves; 1/2" NPT atmospheric vac. breaker (B-0969); 1/2" NPT supply nipples
B-2271-POL	3/4" Garden hose male w/quick-connect fitting	2-3/8"	4-7/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	1/2" NPT atmospheric vac. breaker (B-0969); 1/2" NPT supply nipples
B-2271-POL-CR	3/4" Garden hose male w/quick-connect fitting	2-3/8"	4-7/8"	Lever	1/2" NPT female eccentric (00AA)	Polished chrome	Ceramic cartridges w/check valves; 1/2" NPT atmospheric vac. breaker (B-0969); 1/2" NPT supply nipples

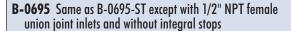
### **Service Sink and Sill Faucets**

- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, such as removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water



### B-0695-ST Service Sink Fitting

- 8" concealed bypass mixing valve with 1/2" NPT female outlet
- Braced chrome plated spout with 1/2" NPT female wall flange, 3/4" garden hose male thread and pail hook
- Rough-in 2-1/4" (57 mm) minimum to 3-1/2" (89 mm) maximum center of inlets to finished wall face
- Elevated atmospheric vacuum breaker with 1/2" NPT female connections (B-0929-A)
- Loose key valves behind teardrop escutcheons with 1/2" NPT female inlets
- Four arm handles with color coded indexes



### B-0697 Service Sink Fitting

- 8" concealed bypass mixing valve with 1/2" NPT female outlet
- Braced chrome plated spout with 1/2" NPT female wall flange, 3/4" garden hose male thread and pail hook
- Rough-in 2-1/4" (57 mm) minimum to 3-1/2" (89 mm) maximum center of inlets to finished wall face
- Four arm handles with color coded indexes
- 1/2" NPT female union joint inlets



**B-0698** Same as B-0697 except with solder type union inlets for 5/8" (16 mm) O.D. copper tubing

**B-0699** Same as B-0697 except with vacuum breaker spout **B-0699-ST** Same as B-0699 except with integral stops with 1/2" NPT female inlets and teardrop escutcheons

### B-2480 Service Sink Faucet

- 8" wall-mount faucet with rough chrome plated finish
- 4-7/16" (113 mm) from wall to center of outlet
- Rough chrome plated spout with 3/4" garden hose male outlet and pail hook
- Four arm handles with color coded indexes
- 1/2" NPT female eccentric flanged inlets (00AA)
- Adjustable centers from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- Eterna cartridges with spring checks

# To To

### **Accessories**

### B-0618-01 Reinfor<u>ced PVC Hose</u>

- Reinforced PVC hose
- 30" (762 m) long
- 3/4" garden hose inlet with washer
- Plain outlet

**B-0618-02** Same as B-0618-01 except with 4' (1.2 m) hose **B-0618-03** Same as B-0618-01 except with 5' (1.5 m) hose





- Stainless steel mop hanger
- Three spring-loaded rubber grips
- 17-11/16" (449 mm) long x 2-3/4" (70 mm) wide
- Includes mounting screws

### B-0654 Stainless Steel Single Mop Hanger

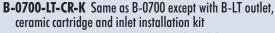
- Stainless steel single mop hanger
- Spring-loaded rubber grip
- 30" (762 m) rubber hose (B-0618-01) with 3/4" garden hose inlet
- Includes mounting screws



### **Sill and Heavy Duty Sink Faucets**

### B-0700 Single Sink Faucet

- Wall-mount single sill faucet
- 1/2" NPT female inlet
- 2" (51 mm) dia. flange
- 3-7/8" (98 mm) from wall to center of plain end outlet
- Four-arm handle with blue index
- Eterna cartridge



- **B-0700-01** Same as B-0700 except with push button metering cartridge with adjustable flow
- **B-0700-124A** Same as B-0700 except with loose key spindle assembly and T-handle with screw
- B-0702 Same as B-0700 except with 3/4" garden hose outlet
- B-0702-WH4 Same as B-0700 except with wrist action handle (B-WH4) with blue index and 3/4" garden hose male outlet

### B-0703 Single Sink Faucet

- Wall-mount single sill faucet
- 1/2" NPT male inlet
- 3-1/4" (83 mm) wall to center of plain end outlet
- Four-arm handle with blue index
- Eterna cartridge

B-0703-124A Same as B-0703 except with loose key stop and T-handle with screw

**B-0704** Same as B-0703 except with 3/4" garden hose male outlet

### B-0706 Self-Closing Single Sink Faucet

- Wall-mount single sill faucet
- 1/2" NPT female inlet
- 2" (51 mm) dia. flange
- 3-5/8" (92 mm) wall to center of plain end outlet
- Four-arm handle with blue index
- Fast self-closing valve

**B-0707** Same as B-0706 except with 3/4" garden hose male outlet



### B-0708 Self-Closing Single Sink Faucet

- Wall-mount single sill faucet
- 1/2" NPT male inlet
- 3-1/4" (83 mm) wall to center of plain end outlet
- Four-arm handle with blue index
- Fast self-closing valve



B-0708-JJ Same as B-0708 except with 1/2" NPT female loose key stop with extension

**B-0709** Same as B-0708 except with 3/4" garden hose male outlet **B-0709-JJ** Same as B-0709 except with 1/2" NPT female inlet, loose key stop, with extension

### B-0710 Single Basin Faucet



- Single hole single temperature deck-mount basin faucet
- 1/2" NPSM male inlet
- 4-1/8" (105 mm) from center of faucet to center of outlet
- Four-arm handle with blue index
- 2.2 GPM aerator (B-0109-02)
- Eterna cartridge
- Includes tailpiece and nut for 1/4" NPT connection (150A)



**B-0710-01** Same as B-0710 except with alpine handle (076F)

**B-0710-HW** Same as B-710 except with red (hot) index

**B-0710-WS** Same as B-0710 except with 1.5 GPM aerator (B-0199-02-WS)

**B-0711** Same as B-0710 except with fast self-closing valve, four arm handle and blue index

B-0712-WA Same as B-0710 except with 4" wrist-action handle

**B-0719** Same as B-0710 except with lever handle with blue index

### **Sill and Heavy Duty Sink Faucets**

### B-0715 Single Sink Faucet

- Wall-mount single sill faucet
- 1/2" NPT male inlet
- 2" (51 mm) dia. adjustable wall flange
- 6" (152 mm) inlet to center of outlet
- Lever handle with blue index
- Plain end outlet
- Eterna cartridge

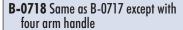


B-0715-LT-CR Same as B-0715 except with cerama cartridge and stream regulator outlet (B-LT)

**B-0716** Same as B-0715 except with four arm handle

### B-0717 Single Sink Faucet

- Wall-mount single sill faucet
- 1/2" NPT male inlet
- 2" (51 mm) dia. adjustable wall flange
- 5" (127 mm) from inlet to center of outlet
- Lever handle with blue index
- 3/4" garden hose male outlet
- Eterna cartridge



# 5.

### B-0720 Sill Faucet with Vacuum Breaker

- Single hole single temperature wallmount sill faucet
- 2" (51 mm) dia. flange
- 1/2" NPT female inlet
- Loose key stop with cap
- Atmospheric vacuum breaker (B-0969)
- 3/4" garden hose male outlet
- Polished chrome plated finish
- Includes T-handle and screw



**B-0720-RGH** Same as B-0720 except with rough chrome plated finish

**B-2301** Same as B-0720 except with four arm handle

### B-0730 Sill Faucet

- Single hole single temperature wall-mount sill faucet
- 1/2" NPT female inlet
- 2" (51 mm) dia. flange
- Loose key stop with cap
- 3/4" garden hose male outlet
- · Rough chrome plated finish
- Includes T-handle and screw



**B-0730-POL** Same as B-0730 except with polished chrome plated finish

**B-0731-POL** Same as B-0730-POL except with 3/4" NPT female inlet

### B-0736-POL Sill Faucet with Vacuum Breaker

- Single hole single temperature wall-mount sill faucet
- 1/2" NPT female inlet
- 2" (51 mm) dia. flange
- Loose key stop with cap
- Removable vacuum breaker with 3/4" garden hose male outlet (B-0972)
- Polished chrome plated finish
- Includes T-handle and screw



**B-0736** Same as B-0736-POL except with rough chrome finish

**B-0737** Same as B-0736-POL except with 3/4" female inlet and rough chrome finish

**B-0737-POL** Same as B-0736-POL except with 3/4" female inlet

### B-2460 Single Basin Faucet



- Single hole single temperature deck-mount basin faucet
- 1/2" NPSM male inlet
- 4-1/8" (105 mm) from center of faucet to center of spout
- 4" decorative wrist-action handle with blank index
- Ceramic cartridge
- Anti-rotation cover plate
- 2.2 GPM vandal-resistant aerator (B-0199-07)
- Includes (150A) tailpiece and nut for 1/4" NPT connection



### **Bedpan Washers**

### B-0675 Bedpan Washer

- Wall-mount pedal valve (B-0504-01) with angle loose key stops with 1/2" NPT female inlets (B-1350)
- Angle loose key volume control with 3/8" NPT female outlet (B-1355)
- Elevated atmospheric vacuum breaker with 3/8" NPT flanged female connections (B-0929)
- Wall hook outlet with 3/8" NPT flanged female inlet (B-0104)
- 68" (1727 mm) PVC hose (B-0068-R) with extended spray wand self-closing valve (002865-40)



**B-0676** Same as B-0675 except with extended spray wand connected directly to hose — self-closing valve is omitted

**B-0676-54V** Same as B-0676 except with 54" (1372 mm) vinyl hose

### B-0678 Bedpan Washer

- 1/2" NPT female angle loose key stop with control valve and vacuum breaker (B-0968) outlet
- 68" (1727 mm) PVC hose (B-0068-R) with extended spray wand self-closing valve (002865-40)
- **B-0679** Same as B-0678 except with extended spray wand connected directly to hose self-closing valve is omitted



### B-0685 Bedpan Washer

- Single wall-mount pedal valve (B-0508-01) with 1/2" NPT female inlet with angle stops (B-1350)
- Angle volume control valve (B-1355) with 3/8" NPT female outlet on pedal valve
- Elevated atmospheric vacuum breaker (B-0929) with 3/8" NPT connections
- Wall hook outlet with 3/8" NPT female flanged inlet (B-0104)
- 68" (1727 mm) PVC hose (B-0068-R) with extended spray wand self-closing valve (002865-40)



**B-0686** Same as B-0685 except with extended spray wand connected directly to hose — self closing valve is omitted

### B-0677 Bedpan Washer

- Wall-mount pedal valve (B-0504-01) with angle loose key stops with 1/2" NPT female inlets (B-1350)
- Angle loose key volume control with 3/8" NPT female outlet (B-1355)
- Vacuum breaker unit has 3/8" NPT female flanged inlet
- 68" (1727 mm) PVC hose (B-0068-R) with extended spray wand outlet (002861-40)



### B-0680-ST Bedpan Washer

- 8" concealed bypass mixing valve (B-1035-ST)
- Straight loose key stops with 1/2" NPT female inlets
- Elevated atmospheric vacuum breaker (B-0929-A) with 1/2" NPT female connections
- Wall hook outlet with 3/8" NPT female flanged inlet (B-0104)
- 68" (1727 mm) PVC hose (B-0068-R) with self-closing spray valve (002865-40)



### B-0682-ST Bedpan Washer

- 8" concealed bypass mixing valve (B-1035-ST)
- Straight loose key stops with 1/2" NPT female inlets
- Vacuum breaker outlet
- 68" (1727 mm) PVC hose (B-0068-R) with extended spray wand self-closing valve (002865-40)
- Dummy wall hook (B-0104-D)

**B-0682** Same as B-0682-ST except without loose key stops



### **Bedpan Washers, Wall Hook Outlets and Dummy Wall Hooks**

### B-0687 **Bedpan Washer**

- Single wall-mount pedal valve (B-0508-01) with 1/2" NPT female inlet with angle stops (B-1350)
- Angle volume control valve (B-1355) with 3/8" NPT female outlet on pedal valve
- Vacuum breaker has 3/8" NPT female flanged inlet and outlet
- 68" (1727 mm) PVC hose (B-0068-R) with extended spray wand self-closing valve (002861-40)



### **B-0104 Wall Hook Outlet**

- 3/8" NPT flanged female inlet
- 3/4 14 male outlet connects to hoses



### B-0104-D **Dummy Wall Hook**

- Attaches to wall with screws provided
- Flange diameter 2" (51 mm)



### **Bedpan Washers, Hoses and Sprays**

### B-0690 **Bedpan Washer with Self-Closing Spray Valve**

- 1/2" NPT male inlet adapter (055A)
- 68" (1727 mm) reinforced PVC hose (B-0068-R)
- Extended spray wand selfclosing valve (002865-40)



### B-0950 **Bedpan Washer with Self-Closing Valve**

- 1/2" NPT male inlet adapter (055A)
- 44" (1118 mm) flexible stainless steel hose (B-0044-H)
- 1.42 GPM anale spray valve (B-0107-035)



- **B-0950-01** Same as B-0950 except with 68" (1727 mm) flexible stainless steel hose (B-0068-H)
- **B-0950-54H** Same as B-0950 except with 54" (1372 mm) flexible stainless steel hose (B-0054-H)
- B-0950-VB Same as B-0950 except with continuous pressure vacuum breaker (B-0970-FE)
- **B-0956** Same as B-0950 except with 44" (1118 mm) reinforced PVC hose

### B-0973 **Bedpan Washer with Self-Closing Valve**

- 1/2" NPT male inlet adapter (055A)
- 48" (1219 mm) flexible stainless steel hose (B-0048-H)
- Angled push button spray valve with adjustable spray head



### **B-0691 Bedpan Washer with Extended Spray Outlet**

- 1/2" NPT male inlet adapter (055A)
- 68" (1727 mm) reinforced PVC hose (B-0068-R)
- Extended spray wand outlet (002861-40)

### **B-0955 Bedpan Washer with Self-Closing Valve**

- 1/2" NPT male inlet adapter (055A)
- 44" (1117 mm) reinforced PVC hose (B-0044-R)
- 1.42 GPM spray valve outlet (B-0107)



**B-0957** Same as B-0955 except with 44" (1118 mm) braided vinvl hose

### B-0974 **Bedpan Washer with Self-Closing Valve**

- 1/2" NPT male inlet adapter (055A)
- 56" (1422 mm) flexible stainless steel hose (B-0056-H)
- Angled spray valve with adjustable spray head



### **Concealed Single Valves**

### B-1020 **Concealed Bypass Valve**



- 1/2" NPT female union inlet on bottom
- 1/2" NPT female inlet on top
- 1/2" NPT female outlet
- Four arm handle with blue index
- Adjustable wall flange
- Eterna cartridge



### **B-1025-ST Concealed Straight Valve**



- 1/2" NPT outlet
- Straight loose key stop with 1/2" NPT female inlet
- Adjustable tear drop escutcheon
- Four-arm handle with blue index
- Eterna cartridge
- Includes T-handle and screw



### **B-1029 Concealed Straight Valve**



- •Slow self-closing metering cartridge with adjustable timed flow
- Blank push button cap with vandalresistant screw
- Adjustable wall flange
- 1/2" NPT female inlet and outlet



B-1029-2 Same as B-1029 except indexed "Hot"



### **B-1025 Concealed Straight Valve**



- Four arm handle with blue index
- Adjustable wall flange
- Eterna cartridge



B-1025-1 Same as B-1025 except with "Hot" handle B-1026-1 Same as B-1025 except with "Hot" clear

alpine handle

### **B-1027-UCP Concealed Straight Loose Key Stop**

- 1/2" NPT female union inlet
- 1/2" NPT female outlet
- Adjustable wall flange
- Includes T-handle and screw
- Loose key spindle assembly (124A)



B-1027 Same as B-1027-UCP except without a union coupling nut

**B-1028** Same as B-1027 except with built-in check valve feature

### **B-1029-PA Concealed Straight Valve**



- Pivot action metering cartridge with blank handle and vandal-resistant
- 1/2" NPT female inlet and outlet
- Adjustable wall flange

### **Concealed Bypass Mixing Valve**

### B-1035 **Concealed Bypass Mixing Valve**



- 8" (203 mm) centers
- 1/2" NPT female union inlets
- 1/2" NPT female outlet
- Four arm handles
- Adjustable wall flanges
- Eterna cartridges
- B-1035-ST Same as B-1035 except with straight loose key stops





### **Accessories**

### B-1091 Deluxe Shower Head

### **NEW FEATURES!**

- 2.2 GPM @ 60 PSI / 2.5 GPM @ 80 PSI flow rate
- 1/2" NPT male shower arm
- Adjustable wall flange
- Solid brass construction
- Brass ball swivel joint and shank
- Spray adjusting handle
- 2-3/4" face
- 6 Lexan deposit-resisting plungers with 48 spray channels
- Pressure-compensating limiter precisely control jets and channels transforming any water pressure into forceful, fully adjustable spray
- Transition from needling full-body to rinsing gentle rain to drenching full-flood sprays

### B-1092 Vandal Resistant Shower Head

- 2.2 GPM @ 60 PSI /
   2.5 GPM @ 80 PSI flow rate
- Wall mounted vandal resistant shower head
- 1/2" NPT female inlet
- Adjustable spray

### B-1095 Bath Tub Spout

- Chrome plated finish
- 3/4" NPT female inlet
- · Furnished with twin el flow diverter



### B-0900 Spray Assembly



- 3' (.9 m) stainless steel hose
- 2-3/4" (70 mm) dia. rubber bumper with sprayface
- 1/2" NPT male inlet adapter (055A)

### B-1090 Shower Head

- 2.2 GPM @ 60 PSI / 2.5 GPM @ 80 PSI flow rate
- Adjustable spray shower head
- 1/2" NPT male arm
- Adjustable wall flange
- · Ball joint head



### B-1097 Two-Way Diverter Valve

- Quarter turn to divert flow between shower and hand spray
- 1/2" NPT female connections
- Lever handle



### "Shower Queen" Accessories

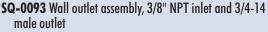
### B-0940 Vertical Slide Bar with Adjustable Height Bracket

- 24" (610 mm) long vertical slide bar
- Adjustable height bracket for use with SQ-0095 Shower Queen hand spray

See other Shower Queen parts and models on page D55

### SQ-0092 Wall Spray Bracket

- Mounts to wall
- Used with SQ-0095 Shower Queen hand spray
- Two position sockets



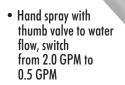
SQ-0094 Wall outlet assembly with 1/2" NPT female inlet and 3/4-14 male outlet

**SQ-0099** Sliding spray bracket for B-0940

### SQ-0100 Diverter Valve

- 1/2" NPT female inlet
- 1/2" NPT male outlet to shower head
- 3/4-14 male outlet to hand held spray hose
- Diverts water to hand held spray by pulling knob
- Mounts on existing shower arm before shower head

### SQ-0095 Shower Queen Hand Spray







### **Pressure Balancing Shower Valve, Assemblies and Parts**









	2.5 GPM	1.5 GPM
½" Nom. (5/8" O.D.) Sweat Connections	B-3200 Series	B-3400 Series
1/2" NPT Threaded Connections	B-3300 Series	B-3500 Series

### **B-3200 and B-3400 Series** with Sweat Connections

Our B-3200 and B-3400 series shower valve packages are designed for installation with 1/2" sweat connections, allowing for easy sweating of copper pipe.

The B-3200 series includes a shower head with 2.5 GPM. Our NEW B-3400 series gives you a choice of models with a water-saving 1.5 GPM shower head.

### **B-3300 and B-3500 Series** with Threaded Connections

The B-3300 and B-3500 series models have 1/2" NPT threaded connections for easy installation to traditional threaded pipe, and especially designed for installation in facilities that prohibit open flames (i.e. health care facilities).

The B-3300 series includes a 2.5 GPM shower head, and the NEW B-3500 series offers a water-saving shower head with a flow rate of 1.5 GPM.

With 28 different component packages to choose from, these shower products include the T&S heavy-duty solid brass pressure balancing shower mixing valve with the quality you expect from T&S.



#### Features:

- Temperature limit stop
- Integral supply stops
- Replaceable ceramic cartridge
- Shower valve with heavy-duty solid brass construction (ASSE 1016)
- Polished chrome trim with color coded index
- Choice of 1.5 GPM or 2.5 GPM shower head models with variable spray
- Solid brass chrome plated tub spout Options:
- Hand held spray assembly with throttle down feature (2.0 GPM to 0.5 GPM) saves water
- Flexible 5 ft. stainless steel hose
- 24" glide bar
- Optional wall-mount vacuum breaker on spray assembly
- 28 different shower model packages to choose from

B-3200 and B-3400 Series with $V_2$ " Sweat Connections	B-3200 B-3400	B-3201 B-3401	B-3204 B-3404	B-3204-PBV B-3404-PBV	B-3205 B-3405	B-3206 B-3406	B-3206-VB B-3406-VB	
B-3300 and B-3500 Series with ½" NPT Threaded Connections	B-3300 B-3500	B-3301 B-3501	B-3304 B-3504	B-3304-PBV B-3504-PBV	B-3305 B-3505	B-3306 B-3506	B-3306-VB B-3506-VB	B-3507-VB
Pressure balancing mixing valve	Х	Х	Х	Х	Х	Х	Х	χ
Chrome plated metal face plate	Х	Х	Х		Х	Х	Х	Х
Tub spout with diverter lift knob	Х							Х
NEW! 1.5 GPM shower head and arm	B-3400 B-3500	B-3401 B-3501				B-3406 B-3506	B-3406-VB B-3506-VB	
2.5 GPM shower head with variable spray pattern and arm	B-3200 B-3300	B-3201 B-3301				B-3206 B-3306	B-3206-VB B-3306-VB	
Diverter valve with trim						Х	Х	
NEW! 1.5 GPM Hand held shower spray assembly with slide bar					B-3405 B-3505	B-3406 B-3506	B-3406-VB B-3506-VB	Х
2.5 GPM Hand held shower spray assembly with slide bar					B-3205 B-3305	B-3206 B-3306	B-3206-VB B-3306-VB	
Vacuum breaker for hand held shower assembly					Optional		Х	Х

### Pressure Balancing Shower Valves - 1/2" Sweat Connections - 2.5 GPM

**NEW** 

Shower

Valve

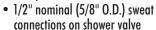
### B-3200 Series Pressure Balancing Shower Valve, Shower Head and Tub Spout

- Solid brass pressure balancing shower valve with replaceable cartridge
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve
- Integral supply stops
- Temperature limit stop
- Polished chrome rotary handle
- Polished chrome faceplate with screws and gasket
- 2.5 GPM polished chrome shower head with ball joint, arm and wall flange assembly
- 1/2" NPT female tub spout with diverter lift knob in polished chrome plated finish
- ASSE 1016 Listed



# B-3201 Pressure Balancing Shower Valve Assembly







### B-3204 Pressure Balancing Shower Valve

- Pressure balancing shower valve with trim plate and handle
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve



# B-3204-PBV Pressure Balancing Shower Valve

- Rough-in pressure balancing shower valve (less trim and handle)
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve

# B-3206 Pressure Balancing Shower Valve Assembly

- Includes B-3201 pressure balancing shower valve assembly with shower head, B-1097 diverter valve and B-0925 Shower Queen hand spray assembly with slide bar
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve



B-3300 Series Parts and Accessories:				
017439-45	1/2" NPT female tub spout with diverter lift knob, polished chrome finish			
017441-45	Pressure balance ceramic cartridge, rotary actuation with adjustable temperature limit stop			
B-1090	Polished chrome shower head with ball joint, arm and wall flange assembly			
017443-45	Polished chrome rotary handle w/index and set screw			
017444-45	Polished chrome face plate with screws and gasket			

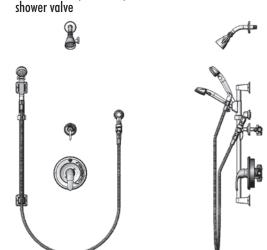
### B-3205 Pressure Balancing Shower Valve Assembly

- Same as B-3206 except less shower head assembly and diverter valve
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve



# B-3206-VB Pressure Balancing Shower Valve Assembly

- Same as the B-3206 except with a B-0970-01 vacuum breaker attached to Shower Queen hand spray hose assembly
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve





### **Pressure Balancing Shower Valves - Threaded Connections - 2.5 GPM**

### 5

# B-3300 Series Pressure Balancing Shower Valve/Shower Head/ Tub Spout with Threaded Connections

**NEW** 

**Models** 

**Threaded** 

Connections

- Solid brass pressure balancing shower valve with replaceable cartridge
- 1/2" NPT female connections on shower valve
- Integral supply stops
- Temperature limit stop
- Polished chrome rotary handle
- Polished chrome faceplate with screws and gasket
- 2.5 GPM polished chrome shower head with ball joint, arm and wall flange assembly
- 1/2" NPT female tub spout with diverter lift knob in polished chrome plated finish
- ASSE 1016 Listed



# B-3301 Pressure Balancing Shower Valve Assembly





- Same as B-3200 except without tub spout
- 1/2" NPT female connections on shower valve



### B-3304 Pressure Balancing Shower Valve

- Pressure balancing shower valve with trim plate and handle
- 1/2" NPT female connections on shower valve

### B-3304-PBV Pressure Balancing Shower Valve

- Rough-in pressure balancing shower valve (less trim and handle)
- 1/2" NPT female connections on shower valve

# B-3306 Pressure Balancing Shower Valve Assembly

- Includes B-3301 pressure balancing shower valve assembly with shower head, B-1097 diverter valve and B-0925 Shower Queen hand spray assembly with slide bar
- 1/2" NPT female connections on shower valve



#### 

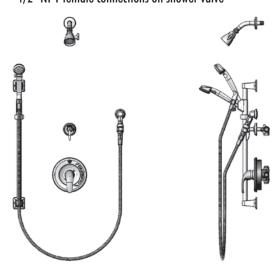
# B-3305 Pressure Balancing Shower Valve Assembly

- Same as B-3306 except less shower head assembly and B-1097 diverter valve
- 1/2" NPT female connections on shower valve





- Same as the B-3306 except with a B-0970-01 vacuum breaker attached to Shower Queen hand spray hose assembly
- 1/2" NPT female connections on shower valve



D 56

### NEW! B-3400 Series Pressure Balancing Shower Valves – Sweat Connections – 1.5 GPM

# B-3400 Series Pressure Balancing Shower Valve, Shower Head and Tub Spout

- Solid brass pressure balancing shower valve with replaceable cartridge
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve
- Integral supply stops
- Polished chrome handle controls volume and temperature
- Temperature limit stop
- NEW! 1.5 GPM polished chrome shower head with ball joint, arm and wall flange assembly
- Polished chrome faceplate with screws and gasket
- Slip-on tub spout with diverter lift knob in polished chrome plated finish
- ASSE 1016 Listed





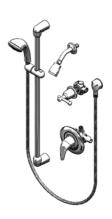
### B-3404 Pressure Balancing Shower Valve

- Pressure balancing shower valve with trim plate and handle
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve



# B-3406 Pressure Balancing Shower Valve Assembly

- Includes B-3201
   pressure balancing
   shower valve assembly
   with shower head, two way diverter valve, wall
   outlet and hand spray
   hose assembly with slide
   bar
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve



# B-3401 Pressure Balancing Shower Valve Assembly

- Same as B-3400 except without tub spout
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve





# B-3404-PBV Pressure Balancing Shower Valve

- Rough-in pressure balancing shower valve (less trim and handle)
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve



### NEW Shower Valve Models



### Parts and Accessories:

018591-45 Bath and Shower Trim kit

**018592-45** Shower Trim kit

018593-45 36" Slide Bar and Hand Shower Holder

**018594-45** 3 Function Hand Shower, 1.5 GPM

**018595-45** 59" Hand Shower Hose

018596-45 Wall Outlet

**018597-45** 1/2" Inline Vacuum Breaker

**018590-45** 2 Way Diverter Valve

**B-3404-PBV** PB Shower Rough-In Valve

# B-3405 Pressure Balancing Shower Valve Assembly

- Same as B-3406 except less shower head and diverter valve
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve



# B-3406-VB Pressure Balancing Shower Valve Assembly

- Same as the B-3406 except with vacuum breaker attached to hand spray hose assembly
- 1/2" nominal (5/8" O.D.) sweat connections on shower valve



### Tes

### NEW! B-3500 Series Pressure Balancing Shower Valves – Threaded Connections – 1.5 GPM

### **B-3500 Series**

Pressure Balancing Shower Valve, Shower Head and Tub Spout with Threaded Connections

- Solid brass pressure balancing shower valve with replaceable cartridge
- 1/2" NPT female connections on shower valve
- Integral supply stops
- Polished chrome handle controls volume and temperature
- Temperature limit stop
- NEW! 1.5 GPM polished chrome shower head with ball joint, arm and wall flange assembly
- Polished chrome faceplate with screws and gasket
- Slip-on tub spout with diverter lift knob in polished chrome plated finish
- ASSE 1016 Listed





# B-3504 Pressure Balancing Shower Valve

- Pressure balancing shower valve with trim plate and handle
- 1/2" NPT female connections on shower valve



### B-3506 Pressure Balancing Shower Valve Assembly

- Includes B-3501 pressure balancing shower valve assembly with shower head, two-way diverter valve, wall outlet and hand spray hose assembly with slide bar
- 1/2" NPT female connections on shower valve



# B-3501 Pressure Balancing Shower Valve Assembly

- Same as B-3500 except without tub spout
- 1/2" NPT female connections on shower valve

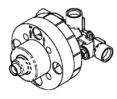


NEW Shower Valve Models



# B-3504-PBV Pressure Balancing Shower Valve

- Rough-in pressure balancing shower valve (less trim and handle)
- 1/2" NPT female connections on shower valve



### B-3505 Pressure Balancing Shower Valve Assembly

- Same as B-3406 except less shower head and diverter valve
- 1/2" NPT female connections on shower valve



### B-3506-VB Pressure Balancing Shower Valve Assembly

- Same as the B-3406 except with vacuum breaker attached to hand spray hose assembly
- 1/2" NPT female connections on shower valve



D 58



### **Bath and Shower Combinations**

### B-0933-ST **Patient's Bath Fitting with Flexible Personal Spray**

- 8" concealed bypass mixing valve (B-1035-ST) with 1/2" NPT female union inlets
- Integral straight loose key stops (B-0416)
- Elevated atmospheric vacuum breaker (B-0929-A) with 1/2" NPT female connection
- B-0926 Shower Queen hand spray assembly with 1/2" NPT female wall flange connection
- B-0940 vertical slide bar with adjustable height hand spray bracket (used with SQ-0095)
- 60" (1524 mm) flexible hose (013E-60H) with hand spray (SQ-0095)
- Thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM



### "Shower Queen" Flexible Personal Spray Assemblies

### B-0921 **Shower Queen Assembly with Diverter Valve**



Wall spray bracket (SQ-0092)

• Hand-held spray (SQ-0095)

 Thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM

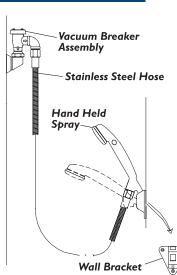
• 60" (1.5 m) stainless steel hose (013E-60H)

 Shower head not included

# connects to existing shower arm and shower head

### B-0930 **Shower Queen Assembly**

- 1/2" NPT female inlet wall outlet
- 60" (1524 mm) stainless steel hose (013E-60H)
- Wall bracket to hold spray head at two angles
- Atmospheric vacuum breaker (B-0965)
- Thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM



### B-0925 **Shower Queen Assembly** with Grab Bar

- 3/8" NPT female flanged wall outlet
- 60" (1.5 mm) stainless steel hose (013E-60H)
- B-0940 slide bar 24" (610 mm) long
- Adjustable height hand spray bracket
- Thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM

**B-0926** Same as B-0925 except with 1/2" NPT female wall outlet



### B-0937 **Shower Queen Assembly**

- 1/2" NPT male inlet (055A)
- 60" (1.5 mm) stainless steel hose (013E-60H)
- Hand held spray (SQ-0095)
- Thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM
- Wall bracket (SQ-0092)

### B-0938 **Shower Queen Assembly**

- 1/2" NPT male inlet (055A)
- 60" (1.5 m) vinyl hose (013E-60V)
- Hand held spray (SQ-0095)
- Thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM
- Wall bracket (SQ-0092)



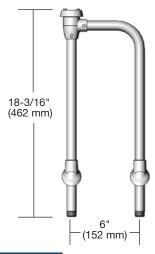




### **Vacuum Breaker Assemblies**

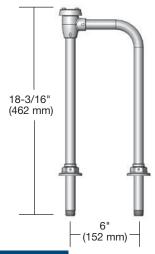
### B-0455 Vacuum Breaker Assembly

- 6" (152 mm) C/C mounting vacuum breaker unit
- 1/2" NPT male connections
- Angled adjustable height slip flanges
- Pipes must be held rigid under sink with connection fitting, brace, etc.



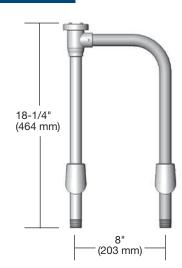
### B-0456 Vacuum Breaker Assembly

- 6" (152 mm) C/C mounting vacuum breaker unit
- 1/2" NPT male connections
- Adjustable 2" (51 mm) diameter flanges
- Pipes must be held rigid under sink with connection fitting, brace, etc.



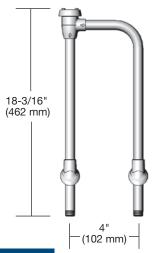
### B-0457 Vacuum Breaker Assembly

- 8" (203 mm) C/C mounting vacuum breaker unit
- 3/4" NPT male connections
- Angled adjustable height slip flanges
- Pipes must be held rigid under sink with connection fitting, brace, etc.



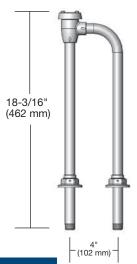
### B-0455-04 Vacuum Breaker Assembly

- 4" (102 mm) C/C mounting vacuum breaker unit
- 1/2" NPT male connections
- Angled adjustable height slip flanges
- Pipes must be held rigid under sink with connection fitting, brace, etc.



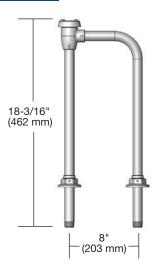
### B-0456-04 Vacuum Breaker Assembly

- 4" (102 mm) C/C mounting vacuum breaker unit
- 1/2" NPT male connections
- Adjustable 2" (51 mm) diameter flanges
- Factory pre-assembled
- Pipes must be held rigid under sink with connection fitting, brace, etc.



### B-0458 Vacuum Breaker Assembly

- 8" (203 mm) C/C mounting vacuum breaker unit
- 3/4" NPT male connections
- Adjustable 2" (51 mm) diameter flanges
- Pipes must be held rigid under sink with connection fitting, brace, etc.



### **Lab Hose Cocks and Turrets**

### BL-4000-01 Hose Cock

- E
- Ball valve construction
- CSA approved for natural gas up to .5 psi max.
- 125 psi max. for other gases
- 3/8" NPT male inlet
- Serrated hose tip
- Snap-in color indexes included; gas, air or vacuum
- Length 3-7/8" (98 mm); height 1-7/8" (48 mm)

Note: **Not** for water, steam or oxygen



**BL-4000-01M** Master Box (12)

### BL-4005-01 Hose Cock

- Ball valve construction
- Integral check valve inlet
- CSA approved for natural gas up to .5 psi max.
- 125 psi max. for other gases
- 3/8" NPT male inlet
- Serrated hose tip
- Snap-in color indexes included; gas or air
- Length 3-7/8" (98 mm); height 1-1/2" (37 mm)

Note: Not for water, steam or oxygen



### **BL-4010-01 Needle Valve**

- 3/8" NPT male inlet
- Floating stainless steel needle point
- Serrated hose tip
- For use with oxygen and other special gases
- Length 3-13/16" (97 mm); height 2-3/4" (70 mm)
- 125 PSI maximum pressure

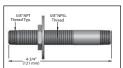
Note: Not be used for water or steam

### BL-4100-0 Laboratory Turret

- Two 3/8" NPT female outlets at 90°
- 3/8" NPT female inlet
- Black plastic mounting gasket included
- 2" (51 mm) diameter; height 3" (76 mm)
- 2-3/16" (55 mm) height to center of outlet

BL-4100-01 One outlet
BL-4100-02 Two outlets at 180°
BL-4100-03 Three outlets at 90°
BL-4100-04 Four outlets at 90°
BL-4100-05 Top outlet only





Note: BL-5500-10 3/8" supply nipple with locknut and washer

### BL-4102-0 Vandal Resistant Lab Turret

- 1/4" diameter anti-rotation pin
- Black plastic mounting gasket included
- 2" (51 mm) diameter; height 3" (76 mm)
- 2-3/16" (55 mm) height to center of outlet
- 3/8" NPT female inlet
- $\bullet$  Two 3/8" NPT female side outlets at 90°

**BL-4102-01** One outlet **BL-4102-02** Two outlets at 180°





3/8" supply nipple with locknut and washer

### **Lab Hose Cocks and Turrets**

### BL-4200-01 Turret with One Hose Cock



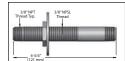
- 3/8" NPT female inlet
- Snap-in color indexes included; gas, air or vacuum
- Diameter 2" (51 mm); height 3-5/8" (92 mm)
- One (1) BL-4000-01 ball valve hose cock
- .5 psi max. for natural gas
- 125 psi max. for other gases

BL-4200-0 Turret with two hose cocks at 90° BL-4200-02 Turret with two hose cocks at 180° BL-4200-03 Turret with three hose cocks

**BL-4200-04** Turret with four hose cocks







Note: BL-5500-10 3/8" supply nipple with locknut and washer (sold separately)

### BL-4203-01 Vandal Resistant Turret with Hose Cock



- 1/4" diameter anti-rotation pin
- 3/8" NPT female bottom inlet
- BL-4000-01 ball valve hose cock
- 2" (51 mm) diameter; 3-5/8" (92 mm) height
- 2-3/16" (55 mm) height to center of outlet
- Snap-in color coded indexes included: gas, air or vacuum
- .5 psi max. for natural gas
- 125 psi max for other gases

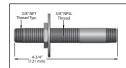
BL-4203-0 Turret with two hose cocks at 90°

BL-4203-02 Turret with two hose cocks at 180°

BL-4203-04 Turret with four hose cocks at 90°







Note: BL-5500-10 3/8" supply nipple with locknut and washer (sold separately)

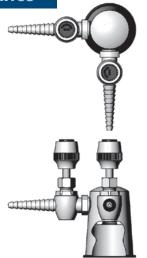
### BL-4210-0 Turret with Needle Valves

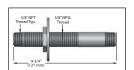
- 3/8" NPT female bottom inlet
- Two BL-4010-01 needle valve hose cocks at 90°
- 2" (51 mm) diameter; 4-7/8" (124 mm) height
- 2-3/16" (56 mm) height to center of outlet
- Valve has floating stainless steel needle point
- For use with oxygen, hydrogen or other special gases up to 125 psi

**BL-4210-01** Turret with one needle hose cock

BL-4210-02 Turret with two needle hose cocks at 180°

**BL-4210-04** Turret with four needle hose cocks at 90°





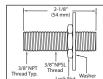
Note: BL-5500-10 3/8" supply nipple with locknut and washer (sold separately)

### BL-4250-01 Panel Flange with Hose Cock



- 3/8" NPT female inlet
- BL-4000-01 ball valve hose cock
- Serrated hose tip
- 4-1/2" (114 mm) length
- 2" dia. (51 mm) wall flange
- Snap-in color coded indexes included: gas, air or vacuum
- .5 psi max. for natural gas
- 125 psi max for other gases





Note: BL-5500-07 3/8" supply nipple with locknut and washer (sold separately)

### **Panel Flanges, Hose Cocks and Turrets**

### BL-4250-02 Double Panel Flange with Two Hose Cocks





- 3/8" NPT female inlet
- $\bullet$  Two BL-4010-0 ball valve hose cocks with serrated hose tips at  $90^\circ$
- 3-7/8" (98 mm) from wall
- 1-3/4" (44 mm) flange diameter
- 6-1/16" (154 mm) width
- Snap-in color coded indexes included: gas, air or vacuum
- .5 psi max. for natural gas
- 125 psi max for other gases

Inset: BL-4250-05
Double panel flange
with 3/8" NPT inlet
and dual outlets





(sold separately)

### BL-4250-07 Flanged Elbow

- 3/8" NPT female inlet and outlet
- 2" dia. (51 mm) flange
- 2-1/4" (57 mm) from flange surface to center of outlet
- Can be mounted vertically or horizontally



### BL-4250-08 Wye Fitting

- 3/8" NPT male inlet
- Two 3/8" NPT female outlets at 70°



### BL-4260-01 Panel Flanges with Needle Valve

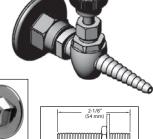
- 3/8" NPT female inlet
- BL-4010-01 needle valve hose cock with serrated hose tip
- 4-7/16" (113 mm) length from wall to tip
- 2" dia. (51 mm) flange
- Snap-in color coded indexes included: gas, air or vacuum

### **Panel Flanges:**

BL-4250-03 3/8" NPT female inlet and outlet

BL-4250-04 1/2" NPT female inlet and outlet

BL-4250-06 1/2" NPT female inlet, 3/8" NPT female outlet

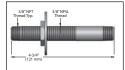


Note: BL-5500-07 3/8" supply nipple with locknut and washer (sold separately)

### BL-4300-0 Turret with Two Straight Stops

- Turret with two straight stops (BL-4500-1) at 90°
- 3/8" NPT female inlet
- Serrated hose tips
- 5-7/16" (138 mm) from center of inlet to end of tip
- 5-11/16" (144 mm) height
- 2" (51 mm) diameter turret
- Snap-in color coded indexes included: gas, air or vacuum

BL-4300-01 Turret with one straight stop
BL-4300-02 Turret with two straight stops
at 180°



Note: BL-5500-10 3/8" supply nipple with locknut and washer (sold separately)

### BL-4422-0 Turret with Two Water Outlets

- 2" (51 mm) dia. turret base
- Double water outlet at 90° with angle serrated hose tips
- Atmospheric vacuum breakers
- 3/8" NPT female inlet



BL-4422-01 Same as BL-4422-0 except with one water outlet

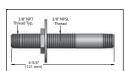
### **Panel Flanges, Stops and Turrets**

### BL-4350-01 Panel Flange with Straight Stop

- 3/8" NPT female inlet
- Serrated hose tip
- 5-11/16" (144 mm) length
- 2" (51 mm) diameter flange
- Snap-in color coded indexes included: gas, air or vacuum
- Internal floating stainless steel cone regulates gas flow as handle is turned
- CSA approved for natural gas (.5 psi max.)
- 125 psi max. for other gases

BL-4355-01 Same as BL-4350-01 except with green cold water index





Note: BL-5500-10 3/8" supply nipple with locknut and washer (sold separately)

### BL-4500-01 Straight Stops

- 3/8" NPT male inlet
- 5-3/16" (132 mm) length
- Serrated hose tip
- Snap-in color coded indexes included: gas, air or vacuum
- Internal floating stainless steel cone regulates gas flow as handle is turned
- CSA approved for natural gas (.5 psi max.)
- 125 psi max. for other gases

**BL-4500-02** Same as BL-4500-01 except with Eterna construction for water with green cold water index

### BL-4500-04 Steam Stop

- 3/8" NPT male inlet
- Angle serrated hose tip
- Black heat resistant composition handle
- Internal floating stainless steel cone regulates steam flow as handle is turned



### BL-4501-01 Straight Stop

- Grease-free straight stop for special gases
- 3/8" NPT male inlet
- Internal floating stainless steel cone regulates gas flow as handle is turned
- Serrated hose tip
- 125 psi max.



### BL-4520-01 Angle Stop

- Serrated hose tip
- Snap-in color coded indexes included: gas, air or vacuum
- Internal floating stainless steel cone regulates gas flow as handle is turned
- 3-3/8" (86 mm) length from center
- 4-13/16" (122 mm) height

Note: 3/8" NPT female or 1/2" NPT male inlet available upon request



**BL-4520-02** Same as BL-4520-01 except Eterna construction for water with green cold water index

D
_ @

### D 66

### **Remote Control Valve Units**

### BL-4700-01 Remote Control Straight Valve Unit



- 3/8" NPT female inlet and outlet
- Stainless steel floating cone and removable seat
- Snap-in color coded indexes included: gas, air or vacuum
- 18" (457 mm) distance from center of valve to face of panel is field adjustable for shorter distances
- 2" dia. (51 mm) polished chrome panel flange with mounting screws

**BL-4700-01MF** Same as BL-4700-01 except with guide bushing for metal furniture

BL-4700-02 Same as BL-4700-01 except with Eterna construction for water with green cold water index

### BL-4720-01 Remote Control Angle Valve Unit



- 3/8" NPT female inlet and outlet
- Outlet at 90° to inlet
- Stainless steel floating cone and removable seat
- Snap-in color coded indexes included: gas, air or vacuum
- 18" (457 mm) distance from center of valve to face of panel is field adjustable for shorter distances
- 2" dia. (51 mm) polished chrome panel flange with mounting screws
- **BL-4720-01MF** Same as BL-4720-01 except with guide bushing for metal furniture
- **BL-4720-02** Same as BL-4720-01 except with Eterna construction for water with green cold water index
- **BL-4720-02MF** Same as BL-4720-02 except with guide bushing for metal furniture
- BL-4720-03 Same as BL-4720-01 except with black heat resistant handle for steam

### BL-4710-01 Remote Control Straight Valve Unit



- Universal joint at valve to correct for minor misalignment
- 3/8" NPT female inlet and outlet
- Stainless steel floating cone and removable seat
- Snap-in color coded indexes included: gas, air or vacuum
- 18" (457 mm) distance from center of valve to face of panel is field adjustable for shorter distances
- 2" dia. (51 mm) polished chrome panel flange with mounting screws

**BL-4710-02** Same as BL-4710-01 except with Eterna construction for water with green cold water index

BL-4710-03 Same as BL-4710-01 except with black heat resistant handle for steam

### BL-4730-03 Remote Control Angle Valve Unit



- Universal joint at valve to correct for minor misalignment
- 3/8" NPT female inlet and outlet
- Outlet at 90° to inlet
- Stainless steel floating cone and seat for steam
- Black heat-resistant handle
- Snap-in color coded indexes included: gas, air or vacuum
- 18" (457 mm) distance from center of valve to face of panel is field adjustable for shorter distances
- 2" dia. (51 mm) polished chrome panel flange with mounting screws

### **Fume Hood Fittings**

### BL-4705-01 Front Mounted Fume Hood Valve

- 3/8" NPT female inlet and outlet
- For flat face hood
- Stainless steel cone and removable seat
- Four-arm handle
- Snap-in color coded indexes included: gas, water or vacuum
- Working parts are removable from front eliminating entry into hood compartments



BL-4705-02 Same as BL-4705-01 except with Eterna construction for water with green cold water index BL-4705-03 Same as BL-4705-01 except with black heat resistant handle for steam

### BL-4750-05 Panel Flange with Straight Serrated Tip

- 3/8" NPT female inlet
- 2" (51 mm) diameter flange
- 3-5/8" (92 mm) length



**BL-4750-06** Same as BL-4750-05 except with angle serrated tip, 3-1/2" (89 mm) length

### Front Guide Fittings for Remote Control Valve Units

### BL-4740-03 Angle Guide Bushing

- Polished chrome plated
- · For use on wood furniture
- Furnished with two screws
- 2" (51 mm) x 1-7/16" (37 mm)
- 45° angle standard can be furnished at any angle from 30° to 60° in sufficient quantity
- Mounting holes on 1-9/16" (40 mm) centers



### BL-4750-03 Turret with Rigid Gooseneck

- 3/8" NPT female inlet
- For use with remote valves
- Serrated hose tip
- Plastic mounting gasket included
- 2" (51 mm) turret diameter
- 12-11/16" (322 mm) height
- 5-5/8" (143 mm) spread gooseneck



BL-4750-07 Same as BL-4750-03 except with wall mounted turret

D	
G'	

### **Support Rods and Accessories**

### BL-9000-01 Upright Rod

- 3/4" (19 mm) diameter aluminum rod
- 39" (991 mm) long
- Tapered on one end to fit BL-9000-09 flush plate

### BL-9000-04 Aluminum Adapter

- 2-5/32" (55 mm) long aluminum adapter to receive threaded rods
- Tapered to fit BL-9000-09 flush plate

### **BL-9000-09** Flush Plate

- 1-1/8" (29 mm) diameter shank
- Fits table tops from 3/8" (9 mm) to 1-1/2" (38 mm) thick
- Fits into recess in table to receive BL-9000-01 and BL-9000-04 upright rods
- Polished chrome plated brass



### BL-9000-10 Clamp

- For 3/4" (19 mm) diameter aluminum rods (BL-9000-01, BL-9000-03 and BL-9000-05)
- Polished aluminum finish



### BL-9000-03 Upright Rod

- Threaded upright 1/2" (51 mm) dia. aluminum rod
- 36" (914 mm) overall length
- Tapered 3/8-16 UNC thread to fit BL-9000-04 adapter

### BL-9000-05 Aluminum Cross Bar

- 3/4" diameter aluminum rod
- 39" (991 mm) long

### BL-9005-01 Crowned Top Flush Plate

- Convex top surface for use on tabletops without recess
- 1-1/8" (29 mm) diameter thread
- Fits table tops from 3/8" (9 mm) to 1-1/2" (38 mm) thick
- Designed to receive BL-9000-01 upright rods and BL-9000-04 adapters
- Polished chrome plated brass



### **Double Ledge Faucets**

### BL-5700-01 Double Ledge Faucet

- Single hole deck-mount laboratory mixing faucet
- 5-5/8" (143 mm) rigid gooseneck with serrated hose tip
- 18" (457 mm) flexible inlets with 5/8" compression /1/2" NPSM male couplings
- Eterna cartridges
- Four arm handles with color coded indexes
- 13-11/16" (347 mm) height
- 1-1/8" (25 mm) shank diameter
- Mounting gasket included
- **BL-5700-02** Same as BL-5700-01 except with 5-15/16" (151 mm) swivel gooseneck, 13-5/8" (346 mm) height
- **BL-5700-03** Same as BL-5700-02 except with swivel to rigid conversion washer
- BL-5700-04 Same as BL-5700-01 except with 2.2 GPM aerator in place of serrated tip (right)



### BL-5700-08 Double Ledge Faucet



• 5-11/16" (144 mm) rigid vacuum breaker nozzle with serrated hose tip

• 18" (457 mm) flexible inlets with 5/8" compression /1/2" NPSM male couplings

- Eterna cartridges
- Four arm handles with color coded indexes
- 12-1/4" (311 mm) height
- 1-1/8" (29 mm) shank diameter
- Mounting gasket included

BL-5700-08-VR Same as BL-5700-08 except with anti-rotation screws in base and vandal-resistant handle screws

BL-5700-09 Same as BL-5700-08 except swivels at vacuum breaker (right)



D 68

### **Double Ledge Faucets**

### BL-5704-01 Double Ledge Faucet

#### Identical to the BL-5700-01 Family of Faucets

- Single hole deck-mount laboratory mixing faucet
- 5-5/8" (143 mm) rigid gooseneck with serrated hose tip
- 18" flexible inlet hoses (compression fittings for 5/8" O.D. tubing or ½" NPSM male thread)
- Eterna cartridges
- Four arm handles with color coded indexes
- 13-11/16" (347 mm) height
- 1-1/8" (25 mm) shank diameter
- Mounting gasket included

**BL-5704-02** Same as BL-5704-01 except with 5-7/8" (149 mm) swivel gooseneck

**BL-5704-03** Same as BL-5704-02 except with swivel to rigid conversion washer

**BL-5704-04** Same as BL-5704-01 except with 2.2 GPM aerator in place of serrated tip

BL-5704-05 Same as BL-5704-04 except with quarter-turn Eterna cartridges and 4" (102 mm) wrist action handles



### BL-5704-08 Double Ledge Faucet

#### Identical to the BL-5700-08 Family of Faucets

- Single hole deck-mount laboratory mixing faucet
- 5-11/16" (144 mm) rigid vacuum breaker nozzle with serrated hose tip
- 18" flexible inlet hoses (compression fittings for 5/8" O.D. tubing or ½" NPSM male thread)
- Eterna cartridges
- Four arm handles with color coded indexes
- 12-1/4" (311 mm) height
- 1-1/8" (29 mm) shank diameter
- Mounting gasket included

BL-5704-09 Same as BL-5704-08 except swivels at vacuum breaker

BL-5704-08WH4 Same as BL-5704-08 except with 4" (102 mm) wrist action handles



### **Single Ledge Lab Faucets**

### BL-5705-01 Single Ledge Faucet

- Single hole single temperature deckmount laboratory mixing faucet
- 5-5/8" (143 mm) rigid gooseneck with serrated hose tip
- 1/2" NPSM male inlet
- 14-1/8" (359 mm) height
- Mounting gasket included
- Eterna cartridges
- Four arm handle with green cold water index
- Fits counters up to 1-1/2" (28 mm) thick
- Includes tailpiece and nut for 1/4" NPT connection (150A)

**BL-5705-02** Same as BL-5705-01 except with 5-15/16" (151 mm) swivel gooseneck, height 14-3/16" (360 mm)

**BL-5705-03** Same as BL-5705-02 except with rigid to swivel conversion washer

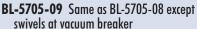
**BL-5705-04** Same as BL-5705-01 except with 2.2 GPM aerator in place of serrated tip (right)





### BL-5705-08 Single Ledge Faucet

- Single hole single temperature deckmount laboratory faucet
- 5-11/16" (144 mm) rigid vacuum breaker nozzle with serrated hose tip
- 1/2" NPSM male inlet
- 12-11/16" (322 mm) height
- Mounting gasket included
- Eterna cartridges
- Four arm handle with green cold water index
- Fits counters up to 1-1/2" (28 mm) thick
- Includes tailpiece and nut for 1/4" NPT connection (150A)



BL-5705-08-VR Same as BL-5708-08 except with anti-rotation screws in base and vandal-resistant handle screw



#### **Lab Faucets**

### BL-5710-01 Single Sink Faucet

- Single hole single temperature wall-mount laboratory faucet
- 1/2" NPT female inlet with 2-3/16" (55 mm) dia. flange
- 5-5/8" (143 mm) rigid gooseneck with serrated hose tip
- 11-7/16" (291 mm) height from center of inlet to top of gooseneck
- 8-1/4" (209 mm) distance from wall to outlet
- Eterna cartridges
- Four arm handle with green cold water index



BL-5710-07 Same as BL-5710-01 except with 5-7/16" (138 mm) rigid vacuum breaker nozzle

BL-5710-09 Same as BL-5710-01 except swivels at vacuum breaker

BL-5860-01TL Same as BL-5710-01 except interior tin-lined for distilled water, with four arm handle

### BL-5725-08 Sink Mixing Faucet

- 8" wall-mount laboratory mixing faucet
- 5-11/16" (144 mm) rigid vacuum breaker nozzle with serrated hose tip
- 1/2" NPT female eccentric flanged inlets
- Eterna cartridges
- Four arm handles with color coded indexes
- 9-1/2" (241 mm) height from center of inlet to top of gooseneck



BL-5725-01 Same as BL-5725-08 except with 5-5/8" (143 mm) rigid gooseneck (inset, right)

**BL-5725-02** Same as BL-5725-01 except with 5-15/16" (151 mm) swivel gooseneck

**BL-5725-09** Same as BL-5725-08 except with swivels at vacuum breaker



### BL-5715-08 Ledge Mixing Faucet

- 8" deck-mount laboratory mixing faucet
- 5-11/16" (144 mm) rigid vacuum breaker nozzle with serrated hose tip
- 1/2" NPT female eccentric flanged inlets (00AA)
- Eterna cartridges
- Four arm handles with color coded indexes
- 12" (305 mm) height from deck to top of vacuum breaker





**BL-5715-01** Same as BL-5715-08 except with 5-5/8" (143 mm) rigid gooseneck (inset, above)

**BL-5715-02** Same as BL-5715-01 except with 5-15/16" (151 mm) swivel gooseneck

BL-5715-09 Same as BL-5715-08 except with swivels at vacuum breaker (inset, right)



### BL-5707-01 Single Science Table Faucet

- Single hole single temperature deck-mount laboratory faucet
- 1/2" NPSM male inlet
- 2" (51 mm) diameter base flange
- Two brass balls lock into table top indents to prevent vandalizing (drilling template included)
- 6-3/8" (162 mm) vacuum breaker nozzle with serrated hose tip
- 13-3/16" (335 mm) height
- 1/2" NPT heavy duty riser pipe
- Eterna cartridges
- Four arm handle with green cold water index
- Includes tailpiece and nut for 1/4" NPT connection (150A)



**BL-5707-04** Same as BL-5707-01 except handle is 180° to nozzle

#### **Lab Faucets**

### BL-5707-03 Combination Science Table Faucet

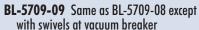
- Combination science table faucet
- 1/2" NPSM male inlets
- 2" (51 mm) diameter on bases
- 12-3/4" (324 mm) height
- Brass balls lock into table top indents to prevent vandalizing (drilling template included)
- 5-7/16" (138 mm) spread nozzles
- 1/2" NPT heavy duty riser pipes
- Vacuum breaker nozzles with serrated hose tips
- · Mounting gasket included
- 6" (152 mm) distance between centers of faucets
- One hot index, one cold index
- Includes tailpieces and nuts for 1/4" NPT connections (150A)



### BL-5709-08 Single Ledge Faucet

### Identical to the BL-5705-08 Family of Faucets

- Single hole deck-mounted laboratory mixing faucet
- 5-11/16" (144 mm) rigid vacuum breaker nozzle with serrated hose tip
- 1/2" NPSM male inlet
- 12-11/16" (322 mm) height
- Mounting gasket included
- Eterna cartridges
- Four arm handle with green cold water index
- Fits counters up to 1-1/2" (28 mm) thick
- Includes tailpiece and nut for 1/4" NPT connection (150A)



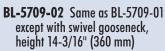
BL-5709-05 Same as BL-5709-09 except with swivel nozzle with swivel to rigid conversion washer and 4" (102 mm) wrist action handle

BL-5709-08WH4 Same as BL-5709-08 except with 4" (102 mm) wrist action handle



### Identical to the BL-5705-01 Family of Faucets

- Single hole deck-mount laboratory mixing faucet
- 5-5/8" (143 mm) rigid gooseneck with serrated hose tip
- 1/2" NPSM male inlet
- 14-1/8" (359 mm) height
- Mounting gasket included
- Eterna cartridges
- Four arm handle with green cold water index
- Fits counters up to 1-1/2" (28 mm) thick
- Includes tailpiece and nut for 1/4" NPT connection (150A)



BL-5709-04 Same as BL-5709-01 except with B-0199-02 aerator in place of serrated tip



- 1/2" NPT female vertical inlets (hot on top, cold on bottom)
- 5-5/8" (143 mm) rigid gooseneck with serrated hose tip
- Eterna cartridges
- Four arm handles with color coded indexes



**BL-5735-09** Same as BL-5735-08 except with vacuum breaker swing nozzle and rigid riser

**BL-5735-02** Same as BL-5735-01 except with 5-11/16" (144 mm) swivel gooseneck



### **Lab Faucets**

### BL-5740-01 Sink Mixing Faucet

- Wall-mount mixing faucet
- 1/2" NPT female flanged adjustable arm inlets
- Adjustable centers from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- 5-11/16" (144 mm) rigid gooseneck with serrated hose tip
- Eterna cartridges
- Four arm handles with color coded indexes
- 11-1/16" (281 mm) height from center of faucet to top of gooseneck
- 8-3/4" (222 mm) from wall to outlet of gooseneck
- **BL-5740-02** Same as BL-5740-01 except with swivel gooseneck
- **BL-5740-08** Same as BL-5740-01 except with rigid vacuum breaker nozzle

### BL-5755-01 Single Temperature Lab Faucet

- Single hole single temperature deck-mount faucet
- 1/2" NPSM male inlet
- Fits counters up to 1-1/2" (38 mm) thick
- 9" (229 mm) swing nozzle with stream regulator outlet
- Eterna cartridge
- Four arm handle with green cold water index
- Includes tailpiece and nut for 1/4" NPT connection (150A)



### BL-5800-02 Single Supply Lab Faucet

- Single temperature wall-mount faucet
- Serrated hose tip
- Eterna cartridge
- Four arm handle with green cold water index
- 1/2" NPT female inlet
- 3-11/16" (94 mm) spread



### BL-5750-01 Sink Mixing Faucet

- Single hole deck-mount mixing faucet
- 9" (229 mm) swing nozzle with stream regulator outlet
- Eterna cartridges
- Four arm handles with color coded indexes
- 18" flexible inlet hoses (compression fittings for 5/8" O.D. tubing or ½" NPSM male thread)



### BL-5775-08 Sink Mixing Faucet

- 8" (203 mm) wall-mount mixing faucet
- 1/2" NPT female eccentric flanged adjustable inlets (00AA)
- 8-5/8" (219 mm) vacuum breaker swing nozzle with serrated hose tip
- Eterna cartridges
- Four arm handles with color coded indexes

BL-5775-01 Same as BL-5775-08 except with 9" (229 mm) swing nozzle (no vacuum breaker) and stream regulator outlet



- Single hole single temperature wallmount laboratory faucet
- 1/2" NSM male inlet
- 5-5/8" (143 mm) rigid gooseneck with serrated hose tip
- 14-1/8" (359 mm) height
- Fast self-closing cartridge
- Four arm handle with green cold water index
- Includes tailpiece and nut for 1/4" NPT connection (150A)
- BL-5850-01TL Same as BL-5850-01 except interior is tin-lined for distilled water
- **BL-5850-02** Same as BL-5850-01 except with 5-7/8" (149 mm) swivel gooseneck





### Tes

### **Lab Faucets**

### BL-6000-02 Combination Gas and Water Faucet

- Combination unit with gooseneck and two ball valve hose cocks with gas indexes
- 3/8" NPT male inlets for water and gas
- 6-1/16" (154 mm) gooseneck with serrated hose tip
- Compression cartridge
- 10-1/2" (267 mm) height
- Four arm handle with green cold water index
- Furnished with two (2) supply nipples, special lock washer, lock nuts and mounting gasket

**BL-6000-03** Same as BL-6000-02 except 15-1/4" (387 mm) height and 8" (203 mm) spread gooseneck

### BL-6005-02 Combination Gas and Water Faucet

 Combination unit with rigid vacuum breaker nozzle and two ball valve hose cocks with gas indexes

- 3/8" NPT male inlets for water and gas
- 6-1/16" (154 mm) vacuum breaker gooseneck with serrated hose tip
- Compression cartridge
- 11-1/2" (292 mm) height
- Four arm handle with green cold water index
- Furnished with two (2) supply nipples, special lock washer, lock nuts and mounting gasket

**BL-6005-03** Same as BL-6005-02 except with 7-15/16 (202 mm) gooseneck



### **Lab Faucets and Miscellaneous Fixtures**

### BL-6050-01 Multi-Water Fixture

- 2" (51 mm) diameter turret
- 1/2" NPT female inlet
- 18-3/8" (466 mm) overall height
- 5-5/8" (143 mm) rigid gooseneck with serrated hose tip
- Gooseneck control valve with Eterna cartridge
- Side straight water stop with serrated tip and Eterna cartridge
- Four arm handles with areen cold water index

Note: BL-5500-12 supply nipple and lock nut sold separately

**BL-6050-02** Same as BL-6050-01 except with two bottom valves at 180°



### BL-9505-01 PVC Single Ledge Faucet Compression Type

- Single hole single temperature deckmount PVC faucet
- 6-3/16" (157 mm) rigid gooseneck with serrated hose tip
- 1-1/4" (32 mm) diameter threaded shank and locknut
- 3/8" NPT female inlet
- All PVC for use with distilled water
- Knob handle with white distilled water index
- 11-7/8" (302 mm) height

BL-9505-02 Same as BL-9505-01 except no shank and lock nut, with 1/2" NPT female inlet

### BL-9515-01 PVC Single Ledge Faucet Self-Closing

- Single hole single temperature deck-mount PVC faucet
- 6-3/16" (157 mm) rigid gooseneck with serrated hose tip
- Dual lever control for manual (up) or self-closing (down) operation
- 1-1/4" (32 mm) dia. shank and locknut
- 3/8" NPT female inlet
- All PVC for use with distilled water
- 11-7/8" (302 mm) height

BL-9515-02 Same as BL-9515-01 except no shank and lock nut, with 1/2" NPT female inlet BL-9515-03 Same as BL-9515-01 except self-closing only







### **Lab Accessories**

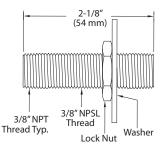
### BL-5500-0 Filter Pump (Aspirator)

- 3/8" NPT male inlet
- Includes check valve
- 2-15/16" (75 mm) overall length
- Creates suction by water flow



### BL-5500-07 Supply Nipple Unit

- Supply nipple and lock nut
- 3/8" NPT male ends
- 2-1/8" (54 mm) long
- Used with panel flanges



**BL-5500-09** Same as BL-5500-07 except with 1/2" NPT male ends, 2" (51 mm) long for use on panel mount faucets

### BL-5505-07 Four Arm Handle

- Black polypropylene with green cold water index
- 193LC Blue cold water index and screw with handle
- 193LH Red hot water index and screw with handle



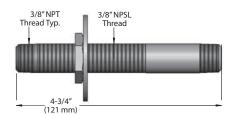
### BL-5545-01 Volume Control Unit

- Volume control fitting
- Adjustable volume from 0.1 GPM to 3.0 GPM @ 60 PSI
- 3/8" NPT inlet and outlet



### BL-5500-10 Supply Nipple Unit

- 3/8" supply nipple, lock nut and washer
- 3/8" NPT male ends
- 4-3/4" (121 mm) long
- For use with BL-4100 turret series



### BL-5550-01 Aerator

- 2.2 GPM aerator (Series 2) with 3/8" NPSM male adapter
- Fits lab goosenecks



### BL-5550-01F-XX Series Aerator

GPM ± 10% To order:

Select flow desired, then add suffix to model number. For ex.:, B-5550-01**F-05** for 0.40 GPM

**Note:** Painted mark on each flow control within the assembly indicates flow of unit.

Aerator Flow Tower Chart				
Flow (GPM) Suffix Color Code				
0.25	F-03	No color		
0.40	F-05	Brown		
0.70	F-07	Green		
0.90	F-10	Grey		
1.20	F-12	Orange		
1.40	F-15	Purple		
2.00	F-20	Yellow		

### BL-5550-04 Straight Serrated Hose Tip

- 3/8" (9 mm) NPT male inlet
- Serrated hose tip accepts plastic or rubber up to 1/2" I.D.
- 2-5/8" (67 mm) long
- Fits lab goosenecks and nozzles



**BL-5550-05** Same as BL-5550-04 except with angle tip

### **Lab Accessories**

### BL-5550-09 Vacuum Breaker

- Anti-siphon vacuum breaker prevents back siphonage
- 3/8" NPT male inlet and female outlet
- Used on outlets of goosenecks
- Use BL-5550-04 on tip on outlet



### BL-5550-10 Vacuum Breaker

- Garden hose vacuum breaker prevents back siphonage
- 3/4" female garden hose inlet and male outlet
- Used to attach garden hose to unprotected hose bibb outlets
- Includes rubber washer and set screw



### BL-5550-23 Rigid to Swivel Adapter

- Rigid to swivel adapter
- Accepts T&S goosenecks and swing nozzles
- Use for field conversion where a faucet with 3/8" NPT outlet is installed and a swivel gooseneck or nozzle is required
- Use two washers (part no. 000986-45) to make nozzle or gooseneck rigid
- 1-5/16" (33 mm) height



### BL-5550-12 Vandal Resistant Aerator

- 2.2 GPM vandal-resistant aerator
- 3/8" NPSM male inlet
- Use special wrench to attach (included)
- 3/4" total length
- Fits lab goosenecks and nozzles



### BL-5550-24 Swivel to Rigid Adapter

- Swivel to rigid adapter
- Accepts T&S rigid goosenecks and nozzles
- Used for field conversion where a faucet with swivel outlet is installed and a 3/8" rigid pipe gooseneck is required
- Converts swivel outlet to 3/8" NPT female for rigid connection
- 1" (25 mm) height



### BL-5550-30 Restricted Swing Adapter

- Fits rigid outlet faucets (3/8" NPT female)
- ullet Restricts the swivel action to  $100^\circ$
- Includes special swivel adapter with restrictor pins to convert existing swing nozzles and swivel goosenecks
- Not for rigid goosenecks



D 75


### **Lab Accessories**

### BL-5560-01 **Rigid Gooseneck with Vacuum Breaker**

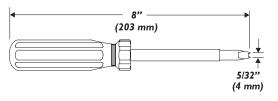
- 3/8" NPT male inlet
- Serrated hose tip
- 8-7/8" (225 mm) total height
- 5-7/16" (138 mm) spread

BL-5560-02 Same as BL-5560-01 except with swivel connection at vacuum breaker



### BL-5707-05 **Spanner Screwdriver**

• #8 spanner screwdriver



### BL-5561-02 Lab Nozzle

- 9" (229 mm) lab nozzle
- Stream regulator outlet
- Fits swivel faucets



**BL-5561-01** same as BL-5561-02 except 6" (152 mm) spread **BL-5561-03** same as BL-5561-02 except 12" (305 mm) spread

### BL-5707-10 **Vandal Resistant Brace**

- 6" (152 mm) vandal resistant brace
- For use on lab equipment
- Two split clamps fit tightly on 3/8" NPS pipe



### **Loose Key Stops**

### B-0415 **Straight Loose Key Stop**

- 3/8" NPT female inlet and outlet
- Includes loose key tee handle

**B-0416** Same as B-0415 except with 1/2" NPT female inlet and outlet

**B-1305** 

**Angle Loose Key Stop** 



### **B-0418 Angle Loose Key Stop**

- 1/2" NPT female inlet and outlet
- Includes loose key tee handle



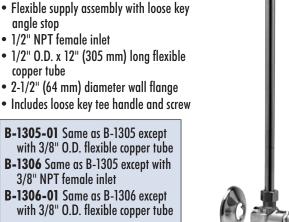
### **B-1311 Angle Key Stop**

- 3/8" NPT female inlet
- Outlet with compression nut and sleeve to fit 1/2" (13 mm) O.D. copper tubing
- Includes loose key tee handle and screw



### **B-1336 Angle Key Stop**

- 3/8" NPT female inlet
- 3/8" NPT female outlet
- Includes loose key tee handle and screw
- Vandal resistant (loose key stop)









### **Loose Key Stops**

### **B-1340 Angle Stop**

- 1/2" NPT female inlet
- Eterna compression cartridge
- Four arm handle with blue index (175FC)
- Outlet with compression nut and sleeve to fit 1/2" (13 mm) O.D. copper tubing

**B-1341** Same as B-1340 except with 3/8" NPT female inlet



### B-1344 **Angle Stop**

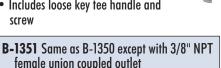
- Angle stop with four arm handle
- Eterna spindle assembly (084A)
- 1/2" NPT female inlet, 3/8" NPT female outlet

**B-1345** Same as B-1344 except with 3/8" NPT female inlet



### **B-1350 Angle Loose Key Stop**

- 1/2" NPT female inlet
- Loose key spindle assembly (124A)
- 1/2" NPT male union coupling outlet
- 2" (51 mm) diameter adjustable flange
- Includes loose key tee handle and screw





### B-1342 **Loose Key Angle Stop**

- 1/2" NPT female inlet
- Loose key spindle assembly (124A)
- Outlet with compression nut and sleeve to fit 1/2" (13 mm) O.D. copper tubing
- Includes loose key tee handle and screw



### **B-1346 Loose Key Angle Stop**

- 1/2" NPT female inlet
- Loose key spindle assembly (124A)
- 3/8" NPT female outlet
- Includes loose key tee handle and screw



### B-1355 **Angle Loose Key Stop**

- 3/8" NPT female union coupling inlet
- Loose key spindle assembly (124A)
- 3/8" NPT female outlet
- 2" (51 mm) diameter adjustable flange
- Includes loose key tee handle and screw

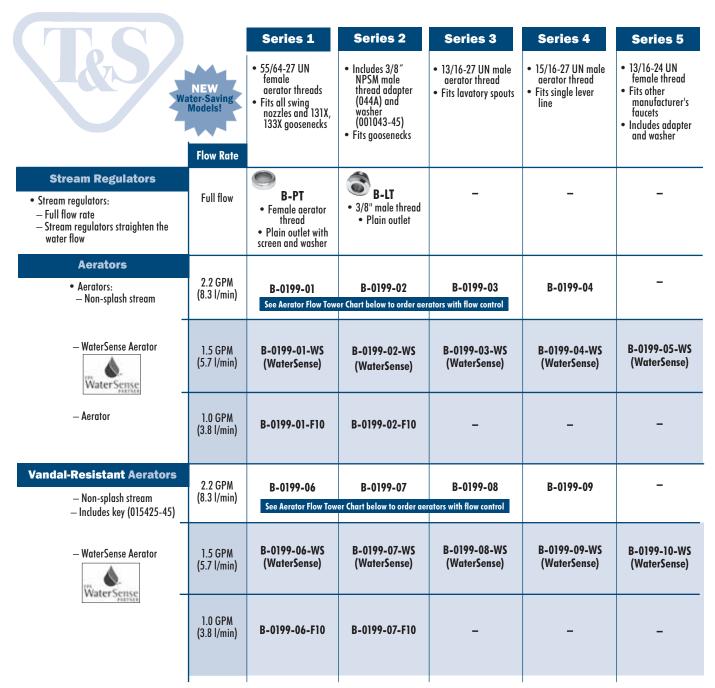





# Low Flow Outlets For Water Conservation Plumbing Models



#### **Aerators**



#### **Aerators with Flow Towers**

**B-0199-01F-XX** Series 1 **B-0199-02F-XX** Series 2 **B-0199-03F-XX** Series 3

#### Vandal-Resistant Aerators with Flow Towers

B-0199-06F-XX Series 1 B-0199-07F-XX Series 2 B-0199-08F-XX\* Series 3

#### GPM ± 10% To order:

Select flow desired, then add suffix to model number. For ex.:, B-0199-02**F-15** for 1.40 GPM

Note: Painted mark on each flow control within the assembly indicates flow of unit.

Aerator Flow Tower Chart			
Flow (GPM)	Suffix		
0.25	F-03		
0.40	F-05		
0.70	F-07		
0.90	F-10		
1.20	F-12		
1.40	F-15		
2.00	F-20		

<sup>\*</sup> Not available with suffix -12 or -15



### Laminar Flow Outlets/Non-Aerated Spray Devices For Water Conservation Plumbing Models



### **Laminar Flow Outlets and Non-Aerated Spray Devices**

		Outland.	O vila o O	00	Ouries 4	
	NEW Water-Saving Models!	• 55/64-27 UN female aerator threads • Fits all swing nozzles and 131X, 133X goosenecks	• Includes 3/8" NPSM male thread adapter (044A) and washer (001043-45) • Fits goosenecks	• 13/16-27 UN male aerator thread • Fits lavatory spouts	• 15/16-27 UN male aerator thread • Fits single lever line	• 13/16-24 UN female thread • Fits other manufacturer's faucets • Includes adapter and washer
Laminar Flow	Flow Rate					
Non-aerated stream     Screenless; for use in	2.2 GPM (8.3 l/min)	B-0199-21	_	B-0199-26	B-0199-25	_
Screenless; for use in medical facilities to prevent airborne bacteria from entering water stream	1.5 GPM (5.7 l/min)	B-0199-29	-	-	-	-
Vandal-Resistant aminar Flow Devices  • Non-aerated stream • Screenless • Vandal-resistant with key	2.2 GPM (8.3 l/min)	B-0199-21-VRF	-	B-0199-28	B-0199-27	-
shown below (015425-45)  VR - female thread VRF - female thread VRM - male thread	1.5 GPM (5.7 l/min)	B-0199-29VR	- Water Mac	- Saving lels!	B-0199-09-LF15	-
and the second	1.0 GPM (3.8 l/min)	-	_	B-0199-08-LF10	B-0199-09-LF10	-
Non-aerated Spray Device     Non-aerated spray pattern     Screenless	0.35 GPM (1.3 l/min)	B-0199-01-N035	B-0199-02-N035	B-0199-03-N035	B-0199-04-N035	B-0199-05-N035
For use in medical facilities     to prevent bacteria from     entering water stream	0.5 GPM (1.9 l/min)	B-0199-01-N05	B-0199-02-N05	B-0199-03-N05	B-0199-04-N05	B-0199-05-N05
Vandal Resistant Non-						Water- Mod
Non-aerated spray pattern     Screenless	0.35 GPM (1.3 l/min)	B-0199-06-N035	B-0199-07-N035	B-0199-08-N035	B-0199-09-N035	B-0199-10-N035
<ul> <li>For use in medical facilities to prevent bacteria from entering water stream</li> <li>Vandal-resistant key (shown below) to attach and remove outlet</li> </ul>	0.5 GPM (1.9 l/min)	B-0199-06-N05	B-0199-07-N05	B-0199-08-N05	B-0199-09-N05	B-0199-10-N05



Tas



### Washdown and Clean-up Solutions















### **G-11** General Product Catalog

### **Table of Contents**

# ELIABILITY BUILT IN"

### Washdown and Clean-Up Solutions - E

#### **INTRODUCTORY PAGES NEW FEATURED T&S PRODUCTS**

<ul> <li>12 ft. Compact Stainless Steel Hose Reel</li> </ul>	E3
6 ft. Compact Hose Reel	E14

### Open and Enclosed Hose Reels Hose Reel Accessories .....

se Reel Accessories E3-2	2
• Stainless Steel – Open	E4
• Stainless Steel – Enclosed	E5
• Spray Outlet Options – Hose Reels	E5, 7
• Mounting Bracket Options – Hose Reels	E5, 7
• Painted Steel – Open	E6
• Heavy-Duty Hose Reels	E6
• Painted Steel – Enclosed	E7
• Hose Reel Model Configurator –	
Open and Enclosed Models	E8
<ul> <li>Mounting Brackets for Hose Reels</li> </ul>	E9
• T&S Hose Reel/Spray Valve and Water	
Gun Ontions Chart	F10

<ul> <li>T&amp;S Hose Reel/Spray Valve and Water</li> </ul>	
Gun Options Chart	E
Complete Hose Reel Systems	

Comparison Charts	E11-14
Hose Reel Suffix Guide	E14
NEW! Compact Hose Reel	F14

### **NEW MODELS!** Complete Hose

	Reel Assemblies	E15-18
•	All-In-One Hose Reel Assemblies	E18

- Suggested Configuration for Hose Reels E18
- Hose Reel Accessories Heavy-Duty Water Guns, Spray Valves, Hose Reel and Spray Valve replacement parts, Shut-Off Valves, Vacuum Breakers, Repair and Connector Kits, Mixing and Check Valves E19-22

### Washdown Stations and

### Accessories ...... **E23-24**

• Single Temperature Valves and Washdown Stations E23-24

A comprehensive Index By Model or Part Number and Page can be found in the G-11 General Product Catalog Master Index section (IN).

Please visit **www.tsbrass.com** for a complete product listing.

# Tes RELIABILITY BUILT IN"





**B-7102** Hose Reel – no spray valve

**B-7102-01** EB-0107 High-Flow Spray Valve

**B-7102-01M** B-0107 Spray Valve

**B-7102-08H** B-0108-H High-Flow JeTSpray

B-7102-08M with B-0108 JeTSpray Valve

# T&S Introduces Our 12' Compact Open Stainless Steel Hose Reel

The new **T&S 12'** (3/8" I.D.) Hose Reel is a compact, lightweight, professional-grade spring driven hose reel that is small enough to be used in applications where space is at a premium. Its compact size allows it to be mounted under the counter or in any other small space.

This reel is designed for equipment fabricators or anyone else seeking a compact, stainless steel, heavy-duty, professional-grade hose reel.

Fill your dipperwells, clean out dish machines or spray down combi ovens with the new T&S 12' Hose Reel, the market's first compact stainless steel reel built for heavy-duty applications. Daily work is simpler thanks to hose reels designed with the end user in mind.

See how the T&S 12' Hose Reel can help you work more efficiently and safely at **www.tsbrass.com**.

### **Dynamic Features** and Benefits

Function	Benefit	
Hose reel arm is adjustable to three different positions.	Gives user greater flexibility for their particular application. Adjustability allows arm to be either in wall mount or under counter mount position.	
When hose is fully extended, ratchet pawl is inbetween two sets of locking gears.	Allows hose to retract freely. Eliminates need to manually rewind the hose.	
Eliminates a condition known as "galling" where excessive friction between like metals results in localized welding with subsequent splitting of one or both of two mating parts.	Reduces risk of rusting, leaking and potentially an unusable hose reel.	
Hose has a nitrile tube and oil-resistant synthetic rubber jacket with a synthetic yarn braid for reinforcement. Rated up to 200°F and 300 psi.	Hose has better oil and grease resistant properties than PVC or EPDM rubber hose.	
Ratchet plate is ¼" thick stainless steel with six catch points. Ratchet pawl is made from corrosion resistant steel.	Longer service life as compared to others where the parts are made from plastic and tend to break under stress.	
Contains multiple holes and slots.	Makes reel easier to retrofit to existing mounting patterns. Eliminates need to drill additional holes to a specific mounting pattern.	
Hose outlet contains a full guide bushing that rims the opening.	Allows the hose to move freely across guide bushing instead of against metal. Hose doesn't bind in corners as it can in outlets with only four rollers, resulting in longer hose jacket life.	
	Hose reel arm is adjustable to three different positions.  When hose is fully extended, ratchet pawl is inbetween two sets of locking gears.  Eliminates a condition known as "galling" where excessive friction between like metals results in localized welding with subsequent splitting of one or both of two mating parts.  Hose has a nitrile tube and oil-resistant synthetic rubber jacket with a synthetic yarn braid for reinforcement. Rated up to 200°F and 300 psi.  Ratchet plate is 1/4" thick stainless steel with six catch points. Ratchet pawl is made from corrosion resistant steel.  Contains multiple holes and slots.	

#### **T&S Brass and Bronze Works, Inc.**

2 Saddleback Cove • P.O. Box 1088 • Travelers Rest, SC 29690 Phone 864.834.6715 • Fax 864.834.3518





### OPEN Stainless Steel Hose Reels

### B-7102 SERIES 12' Compact Open Stainless Steel Hose Reel

#### **Features**

- Compact, lightweight, professional-grade, spring driven 3/8" x 12' hose reel
- Small enough to be used where space is a premium
- Adjustable arm for wall-mount / under counter applications
- Anti-lockout ratchet design allows hose to retract freely
- Brass swivel on stainless shaft reduces risk of rust, leaks
- Hose has a nitrile tube and oil-resistant synthetic rubber jacket, rated up to 200°F and 300 PSI
- Impact-resistant ratcheting assembly means a longer life
- Mounting base with multiple holes and slots
- Protected hose outlet allows hose to move freely along guide bushing

Compact Open Stainless Steel Hose Reel (B-7102-01 shown)



#### **12' Hose, 3/8" I.D.**

B-7102	Hose Reel only — no spray valve	
B-7102-01	EB-0107 High-Flow Blue Spray Valve	
B-7102-01M	B-0107 Gray Spray Valve	
B-7102-08H	<b>B-0108-H</b> JeTSpray High-Flow Spray Valve	
B-7102-08M	B-0108 JeTSpray Valve	



#### B-7112, B-7132 and B-7142 SERIES Open Hose Reels

#### **Features**

- Open reel with stainless steel finish
- Heavy-duty blue hose, 3/8" I.D., rated to 300 PSI
- Ratcheting system holds the length of hose until a slight tug; retracts automatically
- 3/8" NPT female inlet
- Adjustable hose bumper
- Multi-fit bracket for wall, ceiling or under counter mounting

#### **Installation Note**

If mixing valve is used, check valves should be installed to prevent crossflow of water.

#### 15' Hose, 3/8" I.D.

B-7112-01	EB-0107 High-Flow Blue Spray Valve (shown, right)
B-7112-01M	B-0107 Spray Valve
B-7112-02	MV-2516-24 Rear Trigger Water Gun
B-7112-05	MV-2522-24 Front Trigger Water Gun
B-7112-08H	B-0108-H JeTSpray High-Flow Spray Valve
B-7112-08M	B-0108 JeTSpray Valve
B-7112-10	EB-2322 Extended Spray Wand

### 35' Hose, 3/8" I.D.

B-7132-01	EB-0107 High-Flow Blue Spray Valve
B-7132-01M	B-0107 Spray Valve
B-7132-02	MV-2516-24 Rear Trigger Water Gun
B-7132-05	MV-2522-24 Front Trigger Water Gun
B-7132-08H	<b>B-0108-H</b> JeTSpray High-Flow Spray Valve
B-7132-08M	B-0108 JeTSpray Valve
B-7132-10	EB-2322 Extended Spray Wand



### Spray Outlet Options (All models this page; see chart, p. E5)

- · Spray valves with heat-resistant handles
- · Heavy-duty water guns
- Extended spray wand

### 50' Hose, 3/8" I.D.

00 11000, 0, 0 1121	
B-7142-01	EB-0107 High-Flow Blue Spray Valve
B-7142-01M	B-0107 Spray Valve
B-7142-02	MV-2516-24 Rear Trigger Water Gun
B-7142-05	MV-2522-24 Front Trigger Water Gun
B-7142-08H	<b>B-0108-H</b> JeTSpray High-Flow Spray Valve
B-7142-08M	B-0108 JeTSpray Valve
B-7142-10	EB-2322 Extended Spray Wand



### **ENCLOSED Stainless Steel Hose Reels**

### B-7122-C and B-7142-C SERIES Enclosed Hose Reels

#### **Features**

- Enclosed reel with stainless steel finish
- Heavy-duty blue hose, 3/8" I.D., rated to 300 PSI
- Ratcheting system holds the length of hose until a slight tug; retracts automatically
- 3/8" NPT female inlet
- Adjustable hose bumper
- Multi-fit bracket for wall, ceiling or under counter mounting

#### **Installation Note**

If mixing valve is used, check valves should be installed to prevent crossflow of water.



### 30' Hose, 3/8" I.D.

B-7122-C01	EB-0107 High-Flow Blue Spray Valve (shown, right)
B-7122-C01M	B-0107 Spray Valve
B-7122-C02	MV-2516-24 Rear Trigger Water Gun
B-7122-C05	MV-2522-24 Front Trigger Water Gun
B-7122-C08H	B-0108-H JeTSpray High-Flow Spray Valve
B-7122-C08M	B-0108 JeTSpray Valve
B-7122-C10	EB-2322 Extended Spray Wand

#### 50' Hose, 3/8" I.D.

B-7142-C01	EB-0107 High-Flow Blue Spray Valve
B-7142-C01M	B-0107 Spray Valve
B-7142-C02	MV-2516-24 Rear Trigger Water Gun
B-7142-C05	MV-2522-24 Front Trigger Water Gun
B-7142-C08H	B-0108-H JeTSpray High-Flow Spray Valve
B-7142-C08M	B-0108 JeTSpray Valve
B-7142-C10	EB-2322 Extended Spray Wand

See Mounting Bracket Suffix Guide below to add one to your Hose Reel

### **Spray Outlet Options**

Refer to the chart at right and add the appropriate Spray Valve suffix to the hose reel model.

See pages E19-20 for the full line and descriptions of T&S Hose Reel Spray Outlets.

Hose Reel Model Configurator – see page E8

### **Open and Enclosed Hose Reel**

Spray Outlet SUFFIX GUIDE

A suffix added to the Hose Reel model indicates which Spray Outlet is being ordered on either an Open or Enclosed Hose Reel:

Suffix	Spray Valve	Suffix	Spray Valve	Suffix	Spray Valve
-01	EB-0107	-04	MV-2516-44	-08M	B-0108
<u>-C01</u>	EB-0107	-05	MV-2522-24	-C08M	B-0108
-01M	B-0107	-C05	MV-2522-24	-10	EB-2322
-C01M	B-0107	-06	MV-2522-34	-C10	EB-2322
-02	MV-2516-24	-07	MV-2522-44	-11	MV-3516-24
-C02	MV-2516-24	-08H	B-0108-H	-C11	MV-3516-24
-03	MV-2516-34	-C08H	B-0108-H		

### **Hose Reel Mounting Bracket Options**

Four (4) mounting brackets are available for these hose reels. Refer to the chart at right and add the appropriate Mounting Bracket suffix to the hose reel model.

See page E9 for the full line and descriptions of T&S Hose Reel Mounting Brackets.

#### **Open and Enclosed Hose Reel**

Mounting Bracket SUFFIX GUIDE

A suffix added to the Hose Reel model indicates which Mounting Bracket is being ordered on either an Open or Enclosed Hose Reel:

		·
Suffix	Part Number	Description
-PPB	G016652-45	Epoxy Coated Steel Pivot Bracket
-PSB	G016636-45	Epoxy Coated Steel Swing Bracket (3/8"x 15', 30', 35' hoses)
-PSB	G016637-45	Epoxy Coated Steel Swing Bracket (3/8"x 50'; all 1/2" hoses)
-SSB	G016737-45	Stainless Steel Swing Bracket (All 1/4", 3/8", 1/2" hoses)
-STB	G018477-45	Stainless Steel Table Leg Swing Bracket (3/8", 1/2" hoses)



### OPEN Painted Steel Hose Reels

### B-7212, B-7232, B-7233, B-7242, B-7243 and B-7245 SERIES Open Hose Reels

#### **Features**

- Open reel with painted steel finish
- Heavy-duty blue hose, 3/8" and 1/2" I.D., rated to 300 PSI
- Ratcheting system holds the length of hose until a slight tug; retracts automatically
- 3/8" NPT female inlet
- Adjustable hose bumper
- Multi-fit bracket for wall, ceiling or under counter mounting

#### **Installation Note**

If mixing valve is used, check valves should be installed to prevent crossflow of water.

#### 15' Hose, 3/8" I.D.

B-7212-01	EB-0107 High-Flow Blue Spray Valve (shown, right)
B-7212-01M	B-0107 Spray Valve
B-7212-02	MV-2516-24 Rear Trigger Water Gun
B-7212-05	MV-2522-24 Front Trigger Water Gun
B-7212-08H	B-0108-H JeTSpray High-Flow Spray Valve
B-7212-08M	B-0108 JeTSpray Valve
B-7212-10	EB-2322 Extended Spray Wand
B-7212-11	MV-3516-24 Aluminum Rear Trigger Water Gun

### 35' Hose, 3/8" I.D.

B-7232-01	EB-0107 High-Flow Blue Spray Valve	
B-7232-01M	<b>232-01M B-0107</b> Spray Valve (1.42 gpm)	
B-7232-02	MV-2516-24 Rear Trigger Water Gun	
B-7232-05	MV-2522-24 Front Trigger Water Gun	
B-7232-08H	B-0108-H JeTSpray High-Flow Spray Valve	
B-7232-08M B-0108 JeTSpray Valve		
B-7232-10	2-10 EB-2322 Extended Spray Wand	
B-7232-11	MV-3516-24 Aluminum Rear Trigger Water Gun	

### 35' Hose, 1/2" I.D.

B-7233-02	MV-2516-24 Rear Trigger Water Gun
B-7233-05	MV-2522-24 Front Trigger Water Gun
B-7233-08H	B-0108-H JeTSpray High-Flow Spray Valve

### 50' Hose, 3/8" I.D.

B-7242-01	EB-0107 High-Flow Blue Spray Valve	
<b>B-7242-01M B-0107</b> Spray Valve		
B-7242-02	MV-2516-24 Rear Trigger Water Gun	
B-7242-05	MV-2522-24 Front Trigger Water Gun	
B-7242-08H	B-7242-08H B-0108-H JeTSpray High-Flow Spray Valve	
<b>B-7242-10 EB-2322</b> Extended Spray Wand		

Open Painted Steel Hose Reels (B-7212-01 shown)

### 50' Hose, 1/2" I.D.

B-7243-02	MV-2516-24 Rear Trigger Water Gun
B-7243-05	MV-2522-24 Front Trigger Water Gun
B-7243-08H	B-0108-H JeTSpray High-Flow Spray Valve

See Mounting Bracket Suffix Guide page E7 to add one to your Hose Reel

### B-7245-03 and B-7245-06 Heavy-Duty Hose Reels

#### **Features**

- Open reel with epoxy coated steel finish
- 50' (15.2 m) industrial grade white hose, 3/4" I.D.
- Ratcheting system holds the length of hose until a slight tug; retracts automatically
- 3/4" NPT male and female inlet
- 1/2" NPT male swivel on outlet of hose; 3/4" male NPT inlet

### Note: A mounting bracket cannot be specified with this this hose reel

**B-7245-NH** 3/4" hose reel with 3/4" coupling — NO hose



Heavy-Duty Hose Reels (B-7245-06 shown)



B-7245-03	MV-2516-34 7/16" Rear Trigger Water Gun
B-7245-04	MV-2516-44 9/16" Rear Trigger Water Gun
B-7245-06	MV-2522-34 7/16" Front Trigger Water Gun
B-7245-07	MV-2516-44 9/16" Front Trigger Water Gun



# ENCLOSED Painted Steel Hose Reels

#### B-7222 and B-7242 SERIES Enclosed Hose Reels

#### **Features**

- Enclosed reel with painted steel finish
- Heavy-duty blue hose, 3/8" I.D., rated to 300 PSI
- Ratcheting system holds the length of hose until a slight tug; retracts automatically
- 3/8" NPT female inlet
- Adjustable hose bumper
- · Multi-fit bracket for wall, ceiling or under counter mounting

#### **Installation Note**

If mixing valve is used, check valves should be installed to prevent crossflow of water.

#### 30' Hose, 3/8" I.D.

B-7222-C01	EB-0107 Blue Spray Valve (shown, above)
B-7222-C01M	B-0107 Spray Valve
B-7222-C02	MV-2516-24 Rear Trigger Water Gun
B-7222-C05	MV-2522-24 Front Trigger Water Gun
B-7222-C08H	B-0108-H JeTSpray Hi-Flow Spray Valve
B-7222-C08M	B-0108 JeTSpray Valve
B-7222-C10	EB-2322 Extended Spray Wand
B-7222-C11	MV-3516-24 Aluminum Rear Trigger Water Gun



Enclosed Painted Steel Hose Reels (B-7222-C01 shown)

#### 50' Hose, 3/8" I.D.

B-7242-C01	EB-0107 Blue Spray Valve			
B-7242-C01M	B-0107 Spray Valve			
B-7242-C02	MV-2516-24 Rear Trigger Water Gun			
B-7242-C05	MV-2522-24 Front Trigger Water Gun			
B-7242-C08H	B-0108-H JeTSpray Hi-Flow Spray Valve			

See Mounting Bracket Suffix Guide below to add one to your Hose Reel

#### **Spray Outlet Options**

Refer to the chart at right and add the appropriate Spray Valve suffix to the hose reel model.

See pages E19-20 for the full line and descriptions of T&S Hose Reel Spray Outlets.

Hose Reel Model Configurator – see page E8

### Open and Enclosed Hose Reel

Spray Outlet SUFFIX GUIDE

A suffix added to the Hose Reel model indicates which Spray Outlet is being ordered on either an Open or Enclosed Hose Reel:

Suffix	Spray Valve	Suffix	Spray Valve	Suffix	Spray Valve
-01	EB-0107	-04	MV-2516-44	-08M	B-0108
<u>-C01</u>	EB-0107	-05	MV-2522-24	-C08M	B-0108
-01M	B-0107	-C05	MV-2522-24	-10	EB-2322
-C01M	B-0107	-06	MV-2522-34	<u>-C10</u>	EB-2322
-02	MV-2516-24	-07	MV-2522-44	-11	MV-3516-24
-C02	MV-2516-24	-08H	B-0108-H	-C11	MV-3516-24
-03	MV-2516-34	-C08H	B-0108-H		

#### **Hose Reel Mounting Bracket Options**

Four (4) mounting brackets are available for these hose reels. Refer to the chart at right and add the appropriate Mounting Bracket suffix to the hose reel model.

See page E9 for the full line and descriptions of T&S Hose Reel Mounting Brackets.

#### **Open and Enclosed Hose Reel**

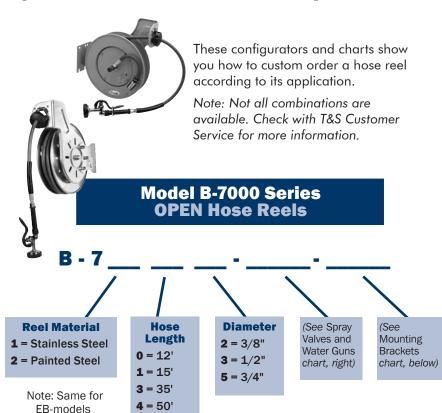
Mounting Bracket SUFFIX GUIDI

A suffix added to the Hose Reel model indicates which Mounting Bracket is being ordered on either an Open or Enclosed Hose Reel:

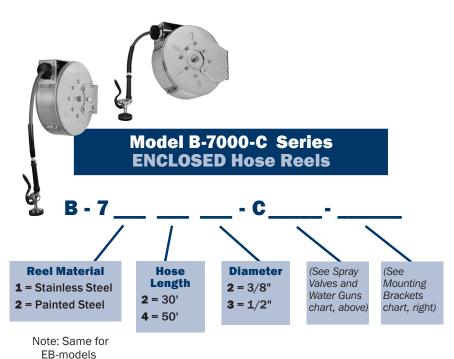
	O	· ·
Suffix	Part Number	Description
-PPB	G016652-45	Epoxy Coated Steel Pivot Bracket
-PSB	G016636-45	Epoxy Coated Steel Swing Bracket (3/8"x 15', 30', 35' hoses)
-PSB	G016637-45	Epoxy Coated Steel Swing Bracket (3/8"x 50'; all 1/2" hoses)
-SSB	G016737-45	Stainless Steel Swing Bracket (All 1/4", 3/8", 1/2" hoses)
		Stainless Steel Table Leg Swing Bracket (3/8", 1/2" hoses)



#### **Open and Enclosed Hose Reels - Specifications**



**For example: B-7145-03-SSB** = Stainless steel open hose reel, 50' hose with 3/4" diameter, MV-2516-34 Rear Trigger Water Gun (7/16") and Stainless Steel Swing Bracket



**For example: B-7222-C06-PSB** = Painted Steel enclosed hose reel, 30' hose with 3/8" diameter, MV-2522-34 Front Trigger Water Gun (7/16") and Epoxy Coated Steel Swing Bracket

#### **Spray Valves and Water Guns** Suffix EB-0107 -01 **High-Flow Spray Valve** B-0107 -01M **Spray Valve** MV-2516-24 -02 5/16" dia. flow Rear **Trigger Water Gun** MV-2516-34 -03 7/16" dia. flow Rear **Trigger Water Gun** MV-2516-44 -04 9/16" dia. flow Rear ½" FE Inlet Thread **Trigger Water Gun** MV-2522-24 -05 5/16" dia. flow Front **Trigger Water Gun** MV-2522-34 -06 7/16" dia. flow Front **Trigger Water Gun** MV-2522-44 -07 9/16" dia. flow Front **Trigger Water Gun** B-0108-H -08H **High-Flow JeTSpray Valve B-0108** -08M **JeTSpray Valve** EB-2322 -10 **Extended Spray Wand** -11 MV-3516-24 5/16" dia. flow **Aluminum Rear**

#### Mounting Brackets (see p. E9)

½" FE Inlet Thread **Trigger Water Gun** 

G016636-45 3/8" x 15/30/35' G016637-45 3/8" x 50'; all 1/2" Epoxy Coated Steel Swing Bra	-PSB
G016652-45 Epoxy Coated Steel Pivot Bra	-PPB cket
G016737-45 Stainless Steel Swing Bracke	-SSB
G018477-45 Stainless Steel Table Leg	-STB

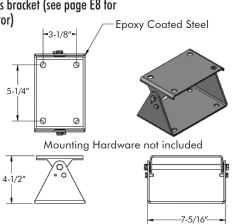


#### **Mounting Brackets**

#### G016636-45 Swing Bracket (-PSB)

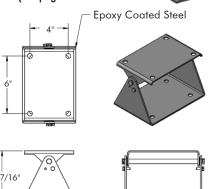
- Epoxy coated black steel
- Fits all T&S 3/8" x 15', 30' and 35' hose reels

 Add "-PSB" suffix to model number to specify this bracket (see page E8 for configurator)



#### G016637-45 Swing Bracket (-PSB)

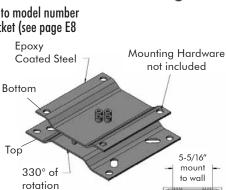
- Epoxy coated black steel
- Fits all T&S 3/8" x 50' and all 1/2" hose reels
- Add "-PSB" suffix to model number to specify this bracket (see page E8 for configurator)







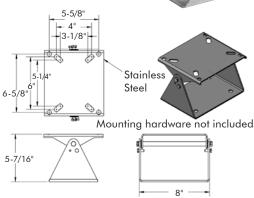
- Fits all T&S 1/4", 3/8" and 1/2" hose reels
- Add "-PPB" suffix to model number to specify this bracket (see page E8 for configurator)
   FDOXY



5-5/16" mount to wall

#### G016737-45 Stainless Steel Bracket (-SSB)

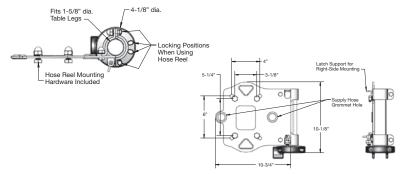
- Stainless steel swing bracket
- Fits all T&S 1/4", 3/8" and 1/2" hose reels
- Add "-SSB" suffix to model number to specify this bracket (see page E8 for configurator)





- Stainless steel hose reel swing bracket
- Fits all T&S 3/8" and 1/2" hose reels
- Spring loaded latch
- Add "-STB" suffix to model number to specify this bracket (see page E8 for configurator)







The options shown here represent the entire T&S hose reel line, but please note that not all combinations are available. This chart outlines the combinations we currently offer.

- Flow rates at 60 PSI
- This Washdown section of the G-11 has additional information about all our hose reel models and spray valves and water guns

#### **Hose Reel Options**

					Hose N	ee	I Optioi	15						
<b>B-7245</b> Open 3/8" x 50'	<b>B-7242-C</b> Enclosed 3/8" x 50'	<b>B-7242</b> Open 3/8" x 50'	<b>B-7232</b> Open 3/8" x 35'	<b>B-7222-C</b> Enclosed 3/8" x 30'	<b>B-7212</b> Open 3/8" x 15'	PAINTED STEEL	<b>B-7142-C</b> Enclosed 3/8" x 50'	<b>B-7142</b> Open 3/8" x 50'	<b>B-7132</b> Open 3/8" x 35'	<b>B-7122-C</b> Enclosed 3/8" x 30'	<b>B-7112</b> Open 3/8" x 15'	<b>B-7102</b> Open 3/8" x 12'	STAINLESS STEEL	
	<b>B-7242-C01</b> 3.2 GPM 12.11 LPM	<b>B-7242-01</b> 3.2 GPM 12.11 LPM	<b>B-7232-01</b> 3.4 GPM 12.87 LPM	<b>B-7222-C01</b> 3.5 GPM 13.5 LPM	<b>B-7212-01</b> 3.7 GPM 14 LPM	STEEL	<b>B-7142-C01</b> 3.2 GPM 12.11 LPM	<b>B-7142-01</b> 3.2 GPM 12.11 LPM	<b>B-7132-01</b> 3.4 GPM 12.87 LPM	<b>B-7122-C01</b> 3.5 GPM 13.5 LPM	<b>B-7112-01</b> 3.7 GPM 14 LPM	<b>B-7102-01</b> 3.5 GPM 13.25 LPM	SS STEEL	<b>EB-0107</b> -01 suffix
	<b>B-7242-C01M</b> 1.42 GPM 5.38 LPM	<b>B-7242-01M</b> 1.42 GPM 5.38 LPM	<b>B-7232-01M</b> 1.42 GPM 5.38 LPM	<b>B-7222-C01M</b> 1.42 GPM 5.38 LPM	<b>B-7212-01M</b> 1.42 GPM 5.38 LPM		<b>B-7142-C01M</b> 1.42 GPM 5.38 LPM	<b>B-7142-01M</b> 1.42 GPM 5.38 LPM	<b>B-7132-01M</b> 1.42 GPM 5.38 LPM	<b>B-7122-C01M</b> 1.42 GPM 5.38 LPM	<b>B-7112-01M</b> 1.42 GPM 5.38 LPM	<b>B-7102-01M</b> 1.42 GPM 5.38 LPM		<b>B-0107</b> -01M suffix
	<b>B-7242-C02</b> 3.7 GPM 14 LPM	<b>B-7242-02</b> 3.7 GPM 14 LPM	<b>B-7232-02</b> 4.1 GPM 15.52 LPM	<b>B-7222-C02</b> 4.3 GPM 16.28 LPM	<b>B-7212-02</b> 4.8 GPM 18.17 LPM		<b>B-7142-C02</b> 3.7 GPM 14 LPM	<b>B-7142-02</b> 3.7 GPM 14 LPM	<b>B-7132-02</b> 4.1 GPM 15.52 LPM	<b>B-7122-C02</b> 4.3 GPM 16.28 LPM	<b>B-7112-02</b> 4.8 GPM 18.17 LPM			MV-2516-24 -02 suffix
<b>B-7245-03</b> 11.0 GPM 41.64 LPM														MV-2516-34 -03 suffix
<b>B-7245-04</b> 11.0 GPM 41.64 LPM														MV-2516-44 -04 suffix
	<b>B-7242-C05</b> 3.7 GPM 14 LPM	<b>B-7242-05</b> 3.7 GPM 14 LPM	<b>B-7232-05</b> 4.1 GPM 15.52 LPM	<b>B-7222-C05</b> 4.3 GPM 16.28 LPM	<b>B-7212-05</b> 4.8 GPM 18.17 LPM		<b>B-7142-C05</b> 3.7 GPM 14 LPM	<b>B-7142-05</b> 3.7 GPM 14 LPM	<b>B-7132-05</b> 4.1 GPM 15.52 LPM	<b>B-7122-C05</b> 4.3 GPM 16.28 LPM	<b>B-7112-05</b> 4.8 GPM 18.17 LPM			MV-2522-24 -05 suffix
<b>B-7245-06</b> 10.9 GPM 41.26 LPM														MV-2522-34 -06 suffix
<b>B-7245-07</b> 10.9 GPM 41.26 LPM														MV-2522-44 -07 suffix
	<b>B-7242-C08H</b> 3.0 GPM 11.36 LPM	<b>B-7242-08H</b> 3.0 GPM 11.36 LPM	<b>B-7232-08H</b> 3.2 GPM 12.11 LPM	<b>B-7222-C08H</b> 3.3 GPM 12.49 LPM	<b>B-7212-08H</b> 3.0 GPM 11.36 LPM		<b>B-7142-C08H</b> 3.0 GPM 11.36 LPM	<b>B-7142-08H</b> 3.0 GPM 11.36 LPM	<b>B-7132-08H</b> 3.2 GPM 12.11 LPM	<b>B-7122-C08H</b> 3.3 GPM 12.49 LPM	<b>B-7112-08H</b> 3.6 GPM 13.63 LPM	<b>B-7102-08H</b> 3.3 GPM 12.49 LPM		<b>B-0108-H</b> -08H suffix
			<b>B-7232-08M</b> 1.48 GPM 5.6 LPM	<b>B-7222-C08M</b> 1.48 GPM 5.6 LPM	<b>B-7212-08M</b> 1.48 GPM 5.6 LPM		<b>B-7142-C08M</b> 1.48 GPM 5.6 LPM	<b>B-7142-08M</b> 1.48 GPM 5.6 LPM	<b>B-7132-08M</b> 1.48 GPM 5.6 LPM	<b>B-7122-C08M</b> 1.48 GPM 5.6 LPM	<b>B-7112-08M</b> 1.48 GPM 5.6 LPM	<b>B-7102-08M</b> 1.48 GPM 5.6 LPM		<b>B-0108</b> -08M suffix
		<b>B-7242-10</b> 3.4 GPM 12.87 LPM	<b>B-7232-10</b> 3.6 GPM 13.63 LPM	<b>B-7222-C10</b> 3.9 GPM 14.76 LPM	<b>B-7212-10</b> 4.2 GPM 15.9 LPM		<b>B-7142-C10</b> 3.4 GPM 12.87 LPM	<b>B-7142-10</b> 3.4 GPM 12.87 LPM	<b>B-7132-10</b> 3.6 GPM 13.63 LPM	<b>B-7112-C10</b> 3.9 GPM 14.76 LPM	<b>B-7112-10</b> 4.2 GPM 15.9 LPM			EB-2322 -10 suffix
			<b>B-7232-11</b> 4.2 GPM 15.9 LPM	<b>B-7222-C11</b> 4.2 GPM 15.9 LPM	<b>B-7212-11</b> 4.7 GPM 17.79 LPM									MV-3516-24 -11 suffix

# Spray Valve / Water Gun Options



Our T&S pre-configured hose reel systems are designed for ease of specification and installation. They include all the components, piping and accessories needed to install a complete hose reel system in your facility.

	B-1430	B-1431	B-1432
Hose Reel Model/Type	B-7222-C01 Painted Steel/Enclosed/30'	B-7232-01 Painted Steel/Open/35'	B-7222-CO1 Painted Steel/Enclosed/30'
Spray Valve Model	EB-0107 High-Flow	EB-0107 High-Flow	EB-0107 High-Flow
Water Gun Model	N/A	N/A	N/A
Connector Hose	HW-4B-36	HW-4B-36	HW-4B-36
Vacuum Breaker Model	B-0963	B-0963	B-0963
Upper Riser	3/8" NPT x 40"	3/8" NPT x 40"	(2) 3/8" NPT x 22"
Control Valve	ORK3 and B-0462 3/8" Angle Flange	ORK3 and B-0462 3/8" Angle Flange	ORK2
Lower Riser	3/8" NPT x 26"	3/8" NPT x 26"	3/8" NPT x 12"
Wall Bracket(s)	B-0109-07	B-0109-07	B-0109-07
Mixing Valve	B-0513 3" Concealed w/Lever Handles	B-0513 3" Concealed w/Lever Handles	B-0513 3" Concealed w/Lever Handles
Check Valves	(2) B-CVH1-2	(2) B-CVH1-2	(2) B-CVH1-2
Special Configurations	Partially concealed installation	Partially concealed installation	Concealed installation

	B-1432-01	B-1432-7122-C01	B-1433
Hose Reel Model/Type	B-7232-01 Painted Steel/Open/35'	B-7122-C01 Stainless Steel/Enclosed/30'	B-7222-C01 Painted Steel/Enclosed/30'
Spray Valve Model	EB-0107 High-Flow	EB-0107 High-Flow	EB-0107 High-Flow
Water Gun Model	N/A	N/A	N/A
Connector Hose	HW-4B-36	HW-4B-36	HW-4B-36
Vacuum Breaker Model	B-0963	B-0963	B-0963
Upper Riser	(2) 3/8" NPT x 22"	(2) 3/8" NPT x 22"	3/8" NPT x 40"
Control Valve	ORK2	ORK2	ORK3
Lower Riser	3/8" NPT x 12"	3/8" NPT x 12"	3/8" NPT x 16"
Wall Bracket(s)	B-0109-07	B-0109-07	(2) B-0109-07
Mixing Valve	B-0513 3" Concealed w/Lever Handles	B-0513 3" Concealed w/Lever Handles	002832-40 8" Wall Mount
Check Valves	(2) B-CVH1-2	(2) B-CVH1-2	Eternas with Spring Checks
Special Configurations	Concealed installation	Concealed installation	N/A

#### Complete Hose Reel Systems Comparison Chart, cont. on p. E12





	B-1433-01	B-1433-02	B-1433-04
Hose Reel Model/Type	B-7232-01 Painted Steel/Open/35'	B-7222-C01 Painted Steel/Enclosed/30'	B-7222-C05 Painted Steel/Enclosed/30'
Spray Valve Model	EB-0107 High-Flow	EB-0107 High-Flow	N/A
Water Gun Model	N/A	N/A	MV-2522-24
Connector Hose	HW-4B-36	B-0020-H2A S.S. Flex. Water Connector	HW-4B-36
Vacuum Breaker Model	B-0963	B-0963	B-0963
Upper Riser	3/8" NPT x 40"	3/8" NPT x 40"	3/8" NPT x 40"
Control Valve	ORK3	ORK3	ORK3
Lower Riser	3/8" NPT x 16"	3/8" NPT x 16"	3/8" NPT x 16"
Wall Bracket(s)	(2) B-0109-07	(2) B-0109-07	(2) B-0109-07
Mixing Valve	002832-40 8" Wall Mount	002832-40 8" Wall Mount	002832-40 8" Wall Mount
Check Valves	Eternas with Spring Checks	Eternas with Spring Checks	Eternas with Spring Checks
Special Configurations	N/A	N/A	N/A

	B-1433-7132-01M	B-1433-7212-01	
Hose Reel Model/Type	B-7132-01M Stainless/Open/35'	B-7212-01/Painted Steel/Enclosed/15'	
Spray Valve Model	B-0107	EB-0107 High-Flow	
Water Gun Model	N/A	N/A	
Connector Hose	HW-4B-36	HW-2B-36	
Vacuum Breaker Model	B-0963	B-0963	
Upper Riser	3/8" NPT x 40"	3/8" NPT x 40"	
Control Valve	ORK3	ORK3	
Lower Riser	3/8" NPT x 16"	3/8" NPT x 16"	
Wall Bracket(s)	(2) B-0109-07	(2) B-0109-07	
Mixing Valve	002832-40 8" Wall Mount	002832-40 8" Wall Mount	
Check Valves	Eternas with Spring Checks	Eternas with Spring Checks	
Special Configurations	N/A	N/A	

	B-1433-CR-SC	B-1433-SC01	B-1434-RG
Hose Reel Model/Type	B-7142-02 Stainless/Open/50'	B-7122-C01 Stainless/Enclosed/30'	B-7142-01 Stainless/Open/50'
Spray Valve Model	N/A	EB-0107 High-Flow	EB-0107 High-Flow
Water Gun Model	MV-2516-24	N/A	N/A
Connector Hose	HW-4B-36	Hard Pipe Supply Included	HW-4B-36
Vacuum Breaker Model	B-0963	B-0975	B-0963
Upper Riser	3/8" NPT x 40"	3/8" NPT x 20"	3/8" NPT x 32"
Control Valve	ORK3	ORK3	ORK3
Lower Riser	3/8" NPT x 16"	3/8" NPT x 20"	3/8" NPT x 16"
Wall Bracket(s)	(2) B-0109-07	B-0109-07	(2) B-0109-07
Mixing Valve	B-0131-LN-CR-SC 8" Wall Mount	002832-40 8" Wall Mount	002832-40 8" Wall Mount
Check Valves	Ceramas with Check Valves	Eternas with Spring Checks	Eternas with Spring Checks
Special Configurations	N/A	N/A	N/A

	B-1436	B-1437	B-1439
Hose Reel Model/Type	B-7132-01 Stainless/Open/35'	B-7232-05 Painted Steel/Open/30'	B-7142-05 Stainless/Open/50'
Spray Valve Model	EB-0107 High-Flow	N/A	N/A
Water Gun Model	N/A	MV-2522-24 Front Trigger	MV-2522-24 Front Trigger
Connector Hose	HW-4B-24	HW-4B-36	HW-4B-36
Vacuum Breaker Model	B-0963	B-0963	B-0963
Upper Riser	3/8" NPT x 2" with 3/8" NPT Union	3/8" NPT x 40"	3/8" NPT x 40"
Control Valve	ORK3	ORK3	ORK3
Lower Riser	(2) 3/8" NPT x 12"	3/8" NPT x 16"	3/8" NPT x 16"
Wall Bracket(s)	Included	(2) B-0109-07	(2) B-0109-07
Mixing Valve	002829-40 8" Deck Mount	002832-40 8" Wall Mount	002832-40 8" Wall Mount
Check Valves	Eternas with Spring Checks	Eternas with Spring Checks	Eternas with Spring Checks
Special Configurations	Stainless steel backplate	N/A	N/A

	B-1444	B-1444-CV	B-1453
Hose Reel Model/Type	B-7142-CO1 Stainless/Enclosed/50'	B-7142-C01 Stainless/Enclosed/50'	B-7232-05 Painted Steel/Open/35'
Spray Valve Model	EB-0107 High-Flow	EB-0107 High-Flow	N/A
Water Gun Model	N/A	N/A	MV-2522-24 Front Trigger
Connector Hose	HW-4B-36	HW-4B-36	HW-4B-36
Vacuum Breaker Model	B-0963	B-0963	B-0963
Upper Riser	3/8" NPT x 40"	3/8" NPT x 40"	3/8" NPT x 40"
Control Valve	ORK3	ORK3	ORK3
Lower Riser	3/8" NPT x 16"	3/8" NPT x 16"	3/8" NPT x 16"
Wall Bracket(s)	(2) B-0109-07	(2) B-0109-07	(2) B-0109-07
Mixing Valve	002832-40 8" Wall Mount	002832-40 8" Wall Mount	B-1035 Concealed Bypass Mixing Valve
Check Valves	Eternas with Spring Checks	(2) B-CVH1-2	(2) B-CVH1-2
Special Configurations	N/A	N/A	N/A

	B-1454	B-1458	B-1459
Hose Reel Model/Type	B-7232-05 Painted Steel/Open/35'	B-7122-C01M Stainless/Enclosed/30'	B-7122-C01 Stainless/Closed/30'
Spray Valve Model	N/A	B-0107	EB-0107 High-Flow
Water Gun Model	MV-2522-24 Front Trigger	N/A	N/A
Connector Hose	HW-4B-36	HW-4B-36	HW-4B-36
Vacuum Breaker Model	B-0963	B-0963	B-0963
Upper Riser	3/8" NPT x 40"	3/8" NPT x 40"	3/8" NPT x 18" EasyInstall with Elbow Flange
Control Valve	ORK3	ORK3	N/A
Lower Riser	3/8" NPT x 16"	3/8" NPT x 16"	N/A
Wall Bracket(s)	(2) B-0109-07	(2) B-0109-07	B-0109-01
Mixing Valve	B-1035 Concealed Bypass Mixing Valve	002832-40 8" Wall Mount	B-0512 3" Concealed with 4-Arm Handles
Check Valves	(2) B-CVH1-2	(2) B-CVH1-2	(2) B-CVH1-2
Special Configurations	B-0674-BSTP Service sink faucet included	N/A	For concealed or remote applications



	B-2339	B-2339-02
Hose Reel Model/Type	B-7222-CO1 Painted Steel/Closed/3/8" x 30'	B-7222-C05 Painted Steel/Enclosed/3/8" x 30'
Spray Valve Model	EB-0107 High-Flow	N/A
Water Gun Model	N/A	MV-2522-24 Front Trigger
Connector Hose	Supplied by others	HW-4B-24
Vacuum Breaker Model	007842-45	B-0963
Upper Riser	N/A	N/A
Control Valve	011927-25*	011927-25*
Lower Riser	N/A	N/A
Wall Bracket(s)	N/A	B-0109-06
Mixing Valve	ORK1*	ORK1*
Check Valves	(2) B-CVH1-2*	(2) B-CVH1-2*
Special Configurations	* Rinse control cabinet includes Control Valve, Dual Check Valves, Thermometer and Water Hammer Arrestor	* Rinse control cabinet includes Control Valve, Dual Check Valves, Thermometer and Water Hammer Arrestor

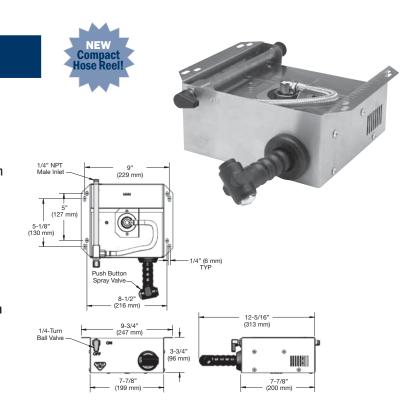
T&S Hose Reel Spray Outlet SUFFIX GUIDE								
Suffix Spray Valve	Suffix	Spray Valve	Suffix	Spray Valve	Suffix	Spray Valve	Suffix	Spray Valve
<b>-01</b> EB-0107	-02	MV-2516-24	<u>-05</u>	MV-2522-24	-08H	B-0108-H	-10	EB-2322
<b>-C01</b> EB-0107	-C02	MV-2516-24	-C05	MV-2522-24	-C08H	B-0108-H	-C10	EB-2322
<b>-01M</b> B-0107	-03	MV-2516-34	-06	MV-2522-34	<u>-08M</u>	B-0108	-11	MV-3516-24
<b>-C01M</b> B-0107	-04	MV-2516-44	-07	MV-2522-44	-C08M	B-0108	-C11	MV-3516-24

#### **Compact Hose Reel**

#### B-7161-C 6 Ft. Compact Hose Reel

- 6 ft. compact hose reel with stainless steel enclosed housing
- Designed for light-duty cleaning
- Reinforced 1/4" x 6 ft. black hose secured around an enclosed metal reel
- Anti-lockout feature ensures full retraction of hose even when fully extended
- All brass main swivel
- Push-button single stream spray valve
- 1/4" NPT supply nipple; 1/4-turn easy access shut-off valve on front panel
- 1/4" NPT brass inlet pipe and stainless steel braided flexible line
- Includes ratchet and hose guide repair kits

## Note: A mounting bracket cannot be specified with this this hose reel



#### **Complete Hose Reel Assemblies**

#### B-1430 Enclosed 30' Hose Reel Assembly

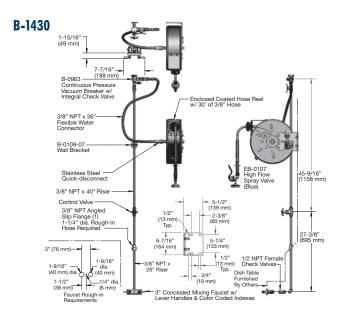
- All-in-one system with exposed piping and accessories
- Enclosed hose reel (B-7222-C01) with EB-0107 blue high-flow spray valve
- Continuous pressure vacuum breaker (B-0963)
- Shut-off control valve (ORK3)
- Angled slip flange
- 3" C/C concealed mixing faucet (B-0513)
- 36" (922 mm) flexible connecting hose with guick-disconnect
- Shipped with all components needed for installation
- Wall bracket (B-0109-07)

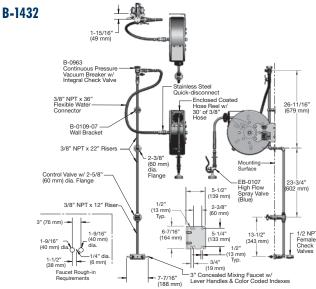
#### B-1432 Enclosed 30' Hose Reel Assembly

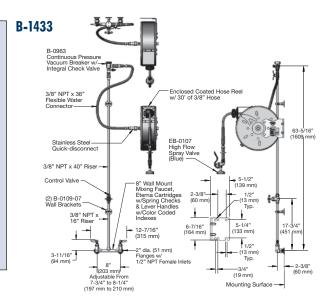
- All-in-one system with exposed piping and accessories
- Enclosed hose reel (B-7222-C01) with EB-0107 blue high-flow spray valve
- Continuous pressure vacuum breaker (B-0963)
- Shut-off control valve (ORK2)
- 2-3/8" (60 mm) dia. wall flange
- 3" C/C concealed mixing faucet (B-0513)
- Wall bracket (B-0109-07)
- 36" (922 mm) flexible connecting hose with quick-disconnect
- Shipped with all components needed for installation

#### B-1433 Enclosed 30' Hose Reel Assembly

- All-in-one system with exposed piping and accessories
- Enclosed hose reel (B-7222-C01) with EB-0107 blue high-flow spray valve
- Continuous pressure vacuum breaker (B-0963)
- Shut-off control valve (ORK3)
- 8" wall-mount mixing faucet (002832-40) with Eterna cartridges with spring checks
- Two (2) wall brackets (B-0109-07)
- 36" (922 mm) flexible connecting hose with quick-disconnects
- Shipped with all components needed for installation
- **B-1433-01** Same as B-1433 except with B-7232-01 open hose reel
- **B-1433-02** Same as B-1433 except with 20" flexible stainless steel hose supply and quick-disconnect
- **B-1433-04** Same as B-1433 except with front trigger water gun
- B-1433-7132-01M Same as B-1433 except with open stainless steel hose reel with 35' hose (B-7132-01M) and B-0107 spray valve
- **B-1433-01M-QDS** Same as B-1433 except with 35' open painted steel hose reel (B-7232); includes two (2) quick-disconnect spray valves (B-0107-QD and EB-2322-QD)
- **B-1433-CR** Same as B-1433 except with Cerama cartridges with check valves
- B-1433-CR-QDS Same as B-1433-01M-QDS except with Cerama cartridges with check valves
- **B-1434-RG** All-in-one system with exposed piping and accessories; includes B-7142-01 hose reel, 8" wall-mount mixing faucet, shut-off valve (ORK3), vacuum breaker (B-0963), flexible connecting hose and EB-0107 high-flow spray valve







## Tas

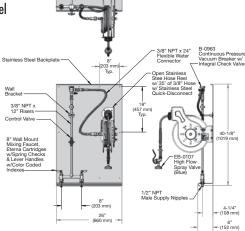
#### **Complete Hose Reel Assemblies**

#### B-1436 Open 35' Stainless Steel Hose Reel Assembly with Backplate

- All-in-one, convenient-to-install complete hose reel assembly
- Open hose reel (B-7132-01) with blue high-flow spray valve (EB-0107)
- Continuous pressure vacuum breaker (B-0963)
- Shut-off control valve (ORK3)
- 8" deck-mount mixing faucet (002829-40) with Eterna cartridges with spring checks

 Stainless steel backplate

 Arrives completely assembled for easy installation



**B-1444-CV** Same as

B-1444 except with two

B-CVH1-2 check valves

#### B-1444 Enclosed Stainless Steel Hose Reel Assembly with 50' Hose

- All-in-one system with exposed piping and accessories
- Enclosed stainless steel hose reel (B-7142-C01) with EB-0107 blue high-flow spray valve
- Continuous pressure vacuum breaker (B-0963)
- Two (2) wall brackets (B-0109-07)
- Shut-off control valve (ORK3)
- 8" wall-mount mixing faucet (002832-40) with Eterna cartridges with spring checks
- Includes 36" (922 mm) flexible connecting hose assembly

Shipped with all components needed for installation

B-0883
Continuous Pressure Vacuum Breaker w/ Integral Check
Valve

3/8" NPT x 36" Flexible Water
Connector

Stainless Steel
Quick-disconnect

Control Valve

(13 mm)

3/8" NPT x 40" Riser

Stainless Steel
Quick-disconnector

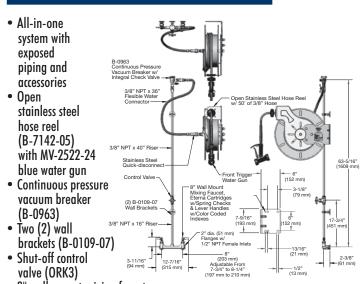
Bellono

(13 mm)

1/2" dia Norm

(15 mm)

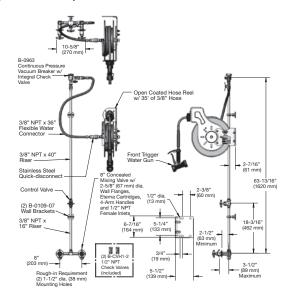
#### B-1439 Open Stainless Steel Hose Reel Assembly with 50' Hose



- 8" wall-mount mixing faucet (002832-40) with Eterna cartridges with spring checks
- Includes 36" (922 mm) flexible connecting hose assembly
- Shipped with all components needed for installation

#### B-1453 Open Painted Steel Hose Reel Assembly with 35' Hose

- All-in-one system with exposed piping and accessories
- Open hose reel (B-7232-05) with 35' hose and MV-2522-24 blue front trigger water gun
- Shut-off control valve (ORK3)
- B-1035 concealed mixing valve with 1/2" NPT female inlets
- 3/8" NPT x 40" riser
- B-0963 continuous pressure vacuum breaker with integral check valve (B-CVH1-2)
- Two (2) wall brackets (B-0109-07)
- Shipped with all components needed for installation





#### **Complete Hose Reel Assemblies**

#### B-1457 Enclosed Painted Steel Hose Reel Assembly with 30' Hose

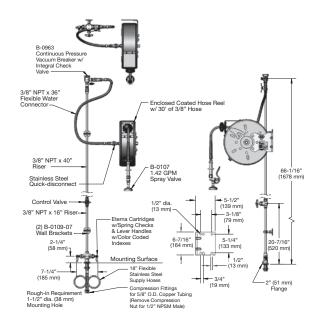
- All-in-one system with exposed piping and accessories
- Enclosed hose reel with 30' hose (B-7222-C01)
- 1.42 GPM spray valve (B-0107)
- Continuous pressure vacuum breaker (B-0963)
- Single hole deck-mount faucet with spring checks and lever handles with color coded indexes (002824-40)
- 18" flexible stainless steel supply hoses
- Shut-off control valve (ORK3)
- Two (2) wall brackets (B-0109-07)
- 3/8" NPT x 36" flexible water connector to hose reel (HW-4B-36)
- Shipped with all components needed for installation

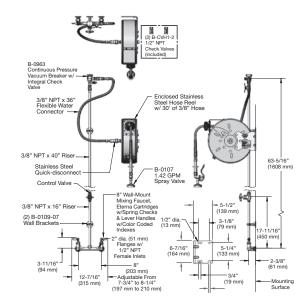
#### B-1458 Enclosed Stainless Steel Hose Reel Assembly with 30' Hose

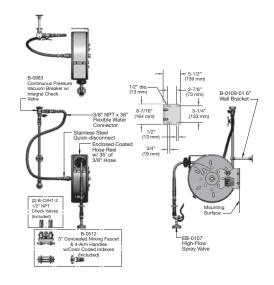
- All-in-one system with exposed piping and accessories
- Enclosed stainless steel hose reel with 30' hose (B-7122-C01)
- Blue high-flow spray valve (EB-0107)
- Continuous pressure vacuum breaker (B-0963)
- 8" wall-mount faucet with spring checks (002832-40)
- Shut-off control valve in riser (ORK3)
- Two (2) wall brackets (B-0109-07)
- Flexible water connector to hose reel (HW-4B-36)
- Two (2) check valves (B-CVH1-2)
- Shipped with all components needed for installation

#### B-1459 Enclosed Stainless Steel Hose Reel Assembly with 30' Hose

- All-in-one system with exposed piping and accessories
- Enclosed stainless steel hose reel with 30' hose (B-7122-C01)
- Blue high-flow spray valve (EB-0107)
- Continuous pressure vacuum breaker (B-0963)
- 3" concealed mixing faucet (B-0512)
- 6" wall bracket (B-0109-01)
- Flexible water connector to hose reel (HW-4B-36)
- Two (2) check valves (B-CVH1-2)
- Shipped with all components needed for installation





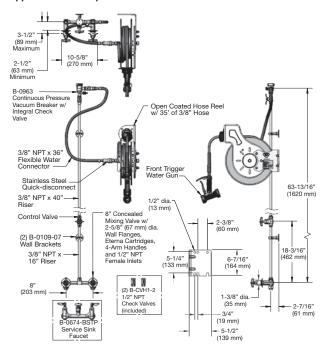




#### **Complete Hose Reel Assemblies**

#### B-1454 Open Painted Steel Hose Reel Assembly with 35' Hose

- All-in-one system with exposed piping and accessories
- Open hose reel (B-7232-05) with 35' hose and MV-2522 blue front trigger water gun
- Shut-off control valve (ORK3)
- 8" wall-mount service sink faucet (B-0674-BSTP)
- 8" concealed mixing valve with 1/2" NPT female inlets (B-1035)
- 3/8" NPT x 40" riser
- B-0963 continuous pressure type vacuum breaker with (2) inline check valves included (B-CVH1-2)
- Two (2) B-0109-07 wall brackets
- Shipped with all components needed for installation



# Suggested Configuration for T&S Hose Reels and Accessories

This illustration is a suggested hose reel configuration using T&S Hose Reel Accessories shown on pages E8 and E19-E22. These accessories allow you to design a hose reel assembly to meet any of your requirements.

All T&S accessories are made to our high-quality standards for ease of installation, minimum maintenance and long life. Order each part separately by the part number shown.

**Note:** The B-1433 is used here as an example; other models will vary slightly in their specifications.

#### **All-In-One Hose Reel Assemblies**

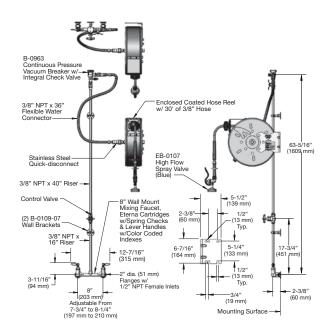
#### B-2339 Control Unit and Hose Reel Assembly with 30' Hose

- Enclosed hose reel with 30' hose and EB-0107 high flow spray valve (B-7222-C01)
- Stainless steel control cabinet which includes all components gauges, vacuum breaker and check valves
- Hose reel can be mounted on ceiling, wall or under the counter
- Allows total tamper-resistant control, convenient and compact
- 1/2" NPT female inlets to control cabinet



**B-2339-02** Same as B-2339 except with MV-2522-24 water gun with riser, B0963 vacuum breaker and 24" flexible water connector (HW-4B-24)

**B-2339-LR** Same as B-2339 except with only control unit, without B-7222-C01. Can be used with any T&S hose reel





#### **Heavy-Duty Water Guns**

T&S heavy-duty water guns are designed for washdown stations and general sanitizing operations in a broad variety of commercial and institutional applications.

#### MV-2516 Series Rear Trigger Water Guns

- Heavy-duty stainless steel construction, designed for long life
- Adjustable stream from solid to soft spray
- Excellent for cleaning jobs
- Controls water supply easily and efficiently
- 1/2" NPT female inlet
- Automatic shut-off conserves water
- Rated up to 200 psi
- Blue rubber cover

#### MV-2522 Series Front Trigger Water Guns

- Heavy-duty stainless steel construction, designed for long life
- Adjustable stream from solid to soft spray
- Excellent for cleaning jobs
- Controls water supply easily and efficiently
- 1/2" NPT female inlet
- Automatic shut-off conserves water
- Rated up to 200 psi
- Blue rubber cover

#### **T&S Water Gun Replacement Parts:**

	5/16" and 7/16" Orifice, Rear Trigger Cartridge Assembly 9/16" Orifice, Rear Trigger Cartridge Assembly
	5/16" and 7/16" Orifice, Front Trigger Cartridge Assembly
014131-45	9/16" Orifice, Front Trigger Cartridge Assembly
014187-45	Blue Rubber Cover (used on both style guns)

#### MV-3516-25 Aluminum Rear Trigger Water Gun

- Lightweight gluminum water gun with 5/16" flow orifice
- Blue rubber cover
- Includes 1/2" NPT male x 3/8" NPT female adapter (not shown)
- 1/2" NPT female inlet
- Variable spray patterns
- Drip-free automatic shut-off

#### MV-3516 Models and Kit:

MV-3516-21	1/2 NPT x 1/2" hose barb
MV-3516-22	1/2 NPT x 3/4" hose barb
MV-3516-23	1/2 NPT x 1" hose barb
MV-3516-24	1/2 NPT female inlet
MV-3516-24-RK	MV-3516-24 rengir kit

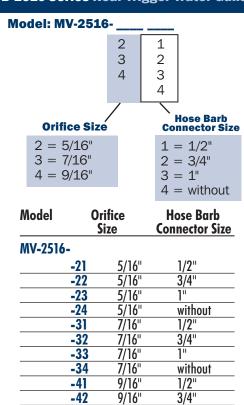
#### EB-2322 Spray Valve, Extension Unit

- Spray valve (EB-0107) with self-closing squeeze valve and extension for 21-3/4" (552 mm) total length
- 3/8" NPT female inlet
- Blue grip handle with hold-down ring
- Removable spray head



Caution: these Water Guns are <u>not</u> designed for use on steam lines

#### **B-2516 Series Rear Trigger Water Guns**



#### **B-2522 Series Front Trigger Water Guns**

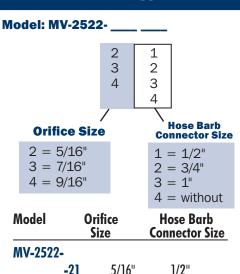
9/16"

9/16"

without

-43

-44





#### **Spray Valves**

#### B-0107 Spray Valve

- 1.42 GPM at 60 PSI
- Connects directly to hose grip handles

 Designed for heavy use in industrial kitchens

- Shuts off when handle is released
- Add "-01M" suffix to hose reel model to specify this spray valve



#### B-0108 JeTSpray Valve

- Ergonomically designed spray valve for hose reels
- 1.48 GPM at 60 PSI
- Requires (016154-25) adapter to connect to hose reel hose (sold separately)
- Designed for heavy use in kitchens
- Shuts off when handle is released
- Add "-08M" suffix to hose reel model to specify this spray valve





#### EB-0107 High Flow Spray Valve

- Blue spray valve
- Connects directly to hose grip handles
- Designed for heavy use in industrial kitchen settings



- Shuts off when handle is released
- Add "-01" suffix to hose reel model to specify this spray valve

#### B-0108-H JeTSpray High Flow Spray Valve

- Ergonomically designed spray valve for hose reels
- Connects directly to T&S hose reel hose
- Designed for heavy use in industrial settings
- Shuts off when handle is released
- Add "-08H" suffix to hose reel model to specify this spray valve

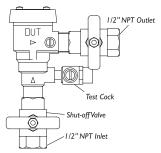


#### **Vacuum Breaker**

#### B-0963 Continuous Pressure Vacuum Breaker Assembly

- Designed for continuous pressure
- Furnished with quarter-turn ball valves
- 1/2" NPT female inlet and outlet
- 001359-40 adapters available for 3/8" NPT female connections
- ASSE 1056
- Order a B-0963-RK repair kit:







#### **Hose Reel Kits / Replacement Parts**

S		
Part Number	Hose I.D.	Hose Length
014946-45	3/8"	ALL except 12' (B-7102)
017355-45	3/8"	12' (B-7102)

Spring Assemblies				
Part Number	Hose I.D.	Hose Length		
014932-45	3/8" and 1/2"	15' /30' /35'		
014934-45	3/8" and 1/2"	50'		
Stainless Reels				
014933-45	3/8" and 1/2"	15' /30' /35'		
014935-45	3/8" and 1/2"	50'		
017362-45	3/8"	12' (B-7102)		

Hose Stop Kits				
Part Number	Hose I.D.	Hose Length		
014949-45	3/8"	ALL except 12' (B-7102)		
016590-45	3/8"	12'		
014950-45	1/2"	ALL		

R		
Part Number	Hose I.D.	Hose Length
014940-45	3/8" and 1/2"	ALL except 12' (B-7102)
017359-45	3/8"	12'

#### **Roller Kits Hose Length Part Number** Hose I.D. 014938-45 3/8" and 1/2" 15'/35'/50' **Enclosed Small** 014936-45 3/8" 30' **Enclosed Large** 014937-45 3/8" and 1/2" 50' 017352-45 3/8" 12'

	1030 11113		
Part Number	Hose I.D.	Hose Length	PSI
014944-45	3/8"	15'	300
014943-45	3/8"	30'	300
014941-45	3/8"	35'	300
014942-45	3/8"	50'	300
014945-45*	1/2"	50'	300
017938-45	3/8"	12'	300

<sup>\*</sup> Availability is limited on 1/2" specific parts

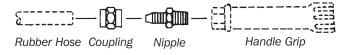
**Hose Kits** 

Swive	el 'O'-Ring F	Kit
Part Number	Hose I.D.	Hose Length
014948-45	ALL	ALL

#### **Other Parts and Kits**

#### 045A Reel Hose Repair Kit

- Field repair kit for 3/8" hose and fitting
- Includes coupling and nipple insert



#### B-CVV1-2 Check Valve

- 1/2" vertical check valve
- Rough brass finish
- 1/2" NPT female inlet and outet
- Designed for water use only

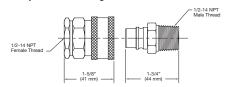


#### **Check Valves**

B-CVH1-2 for horizontal or vertical use, 1/2" NPT female B-CVH3-4 for horizontal or vertical use, 3/4" NPT female Furnished in rough brass

#### B-0273-QD Washdown Quick-Disconnect

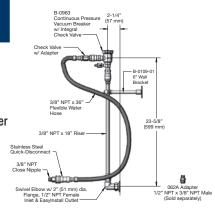
- Washdown quick-disconnect assembly
- Chrome plated
- Not rated for potable/drinking water



#### ORK-SK Hose Reel Connector Kit

Kit includes (1) each:

- 1/2" NPT inlet elbow
- 3/8" NPT x 18" riser
- B-0963 continuous pressure vacuum breaker
- 3/8" NPT x 36" flexible water connector
- Quick-disconnect

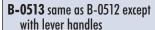




#### **Shut-Off Valves and Mixing/Control Valves**

#### B-0512 <u>Shut Off</u> Control Valve

- Wall mounted
- 3/8" NPT inlets and outlet
- 3" C/C
- Eterna cartridges with color coded indexes
- 4-arm handles





#### B-1025-ST Concealed Straight Valve

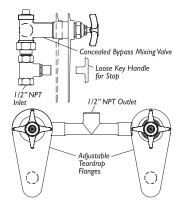
- 1/2" NPT female outlet
- Straight loose key stop with 1/2" NPT female inlet
- Adjustable tear drop escutcheon
- Four-arm handle with blue index
- Eterna cartridge
- Includes T-handle and screw



#### B-1035-ST Concealed Bypass Mixing Valve



- 8" (203 mm) centers
- Loose key straight stops
- 1/2" NPT female union inlets
- 1/2" NPT female outlet
- Four arm handles
- Adjustable wall flanges
- Eterna cartridges



## **0RK1 Mixing Valve**

- Mixing valve with removable seats
- Removable loose key T-handles
- 1/2" NPT female inlets
- 4" (102 mm) centers
- Rough chrome finish
- 3/8" NPT female outlet between valves at opposite side of inlets
- Versatile design for use with vertical pipes (wall) or horizontal piping (ceiling or under sink)



Note: T&S check valves should be installed in lines leading to ORK1 mixing valve

## ORK2 Shut Off Control Valve

- Concealed body type
- 3/8" NPT inlet and outlet
- Rough brass body
- Polished chrome plated handle and 2-3/4" dia. adjustable wall flange
- Designed for installation in line between mixing valve and hose reel
- Eterna cartridge
- 4-arm handle with blue index

#### ORK3 Shut Off Control Valve

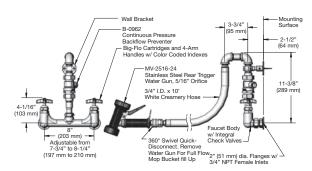
- Exposed body type
- 1/2" NPT female inlet and outlet
- Polished chrome plated finish
- Designed for installation on exposed piping between mixing valve and hose reel
- 3/8" NPT female bushings (included)
- Big-Flo spindle assembly
- Removable seat
- 4-arm handle with blue index





#### **Single Temperature Valves and Washdown Stations**

#### B-0273 Washdown Station



- Big-Flo base faucet
- Furnished with check valves
- 3/4" NPT female eccentric flanged inlets
- Continuous back flow pressure preventer (B-0962)
- 10' creamery hose with quick-disconnect
- Rear trigger water gun (MV-2516-24)
- 4-arm handles with color coded indexes

#### MV-0771-12C Mixing Valve

- Chrome plated
- 3/4" check valves
- 3/4" unions
- 3/4" globe valves with color coded handles



#### MV-0771-12R Water Mixing Station

- Hot and cold mixing valve enclosed in galvanized steel recessed cabinet with tamper-resistant screws (bit included) and stainless steel covers
- Inline check valves (B-CVV3-4)
- Mixing valve with 3/4" NPT male inlets
- Hose swivel elbow
- 50 ft. white creamery hose
- Stainless steel rear trigger water gun (MV-2516-44), 9/16" orifice
- Stainless steel hose rack (002970-45)

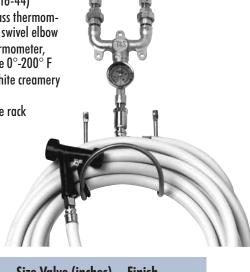
MV-0771-12R-VB Same as MV-0771-12R except with backflow preventers (B-0962)



#### MV-0771-12CW Mixing Valve

- MV-0771-12C mixing valve (3/4")
- Stainless steel rear trigger water gun (MV-2516-44)
- Chrome plated brass thermometer tee with hose swivel elbow
- Stainless steel thermometer, temperature range 0°-200° F
- 50 ft. (15.25 m) white creamery hose

 Stainless steel hose rack (002970-45)



Model No.	Size Valve (inches)	Finish
MV-0771-11CW	1/2"	Chrome Plated
MV-0771-11NW	1/2"	Brass
MV-0771-12CW	3/4"	Chrome Plated
MV-0771-12NW	3/4"	Brass

#### MV-1907-12C Chrome Plated Valve

valve
• 3/4" NPT x 2-1/2" nipple
• Two B-0109-01 wall brack-

• 3/4" chrome plated globe

 Two B-0109-01 wall brackets, adjustable from 2" to 6" from wall

Supply piping furnished by others

MV-1907-12



Model No. Size Valve (inches) 1/2"

3/4"

Note: furnished in chrome (add suffix "C") or natural finish (no suffix)



#### **Single Temperature Valves and Washdown Stations**

#### MV-1907-12CW Single Temperature Valve

- MV-1907 valve
- Water gun
- 50 ft. (15.2 m) 3/4" white creamery hose
- Brass swivel connector for water gun
- Brass thermometer tee
- Stainless steel thermometer, temperature range 0°-200° F
- Stainless steel hose rack
- Chrome finish

Model No. Size Valve (inches)
MV-1907-11CW 1/2"
MV-1907-12CW 3/4"

MV-1907-11CW-ER Same as MV-1907-11CW except with 10' hose and water gun



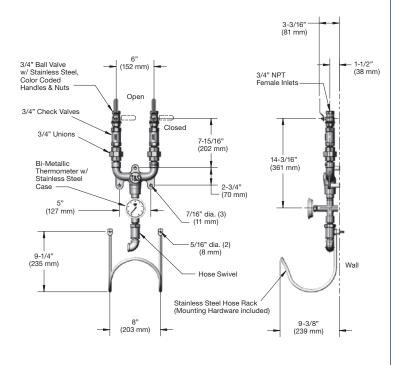
#### MV-1907-04C Accessory Kit

Washdown station accessory kit includes:

- (2) Anchor shields
- (2) Hose rack spacers
- (2) Hex cap screws
- (1) Thermometer
- (1) Stainless steel hose rack
- (1) 3/4" swivel assembly
- (1) 50 ft. creamery hose assembly (004980-40)

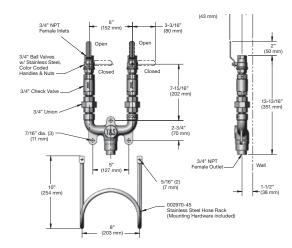
## MV-0771-12N-BVT Washdown Station

- 3/4" NPT natural finish washdown station
- (2) 3/4" ball valves (hot and cold) with stainless steel, color coded handles and nuts
- (2) 3/4" check valves
- Thermometer tee with 3/4" hose swivel elbow
- Stainless steel hose rack with mounting hardware



## MV-0771-12N-BV Washdown Station

- 3/4" NPT mixing valve
- (2) 3/4" ball valves (hot and cold) with stainless steel, color coded handles and nuts
- (2) 3/4" check valves
- Stainless steel hose rack with mounting hardware
- 3/4" NPT outlet













## **G-11** General Product Catalog

#### **Table of Contents**

## Safe-T-Link Appliance Connectors – F

## INTRODUCTORY PAGES NEW FEATURED T&S PRODUCTS

 SwiveLink, FreeSpin and POSI-SET Wheel Placement System Page F3

# Gas Appliance Connectors and Accessories ...... F3-9

HG-2 Series (with FreeSpin fittings)	F4-5
HG-2S Series (with SwiveLink fittings)	F4-5
• HG-4 Series (with one quick-disconnect fitting)	F4-5
HG-4S Series (with quick-disconnect and SwiveLink fittings)	F4-5
<ul> <li>HG-6 Series (with reversed quick-disconnect fittings)</li> </ul>	F4-5
<ul> <li>HG-S Series (stationary appliance gas connectors)</li> </ul>	F5
<ul> <li>Safe-T-Link Gas Hose fittings</li> </ul>	F4-5
<ul> <li>How to Specify a Gas Appliance</li> </ul>	
Connector	F6
Gas Hose Installation Kit	F7
Gas Appliance Connector Parts and	
Components	F7
• POSI-SET <sup>TM</sup> Wheel Placement	
System for Gas Appliances/Models	F7-8
Gas Hose and Stationary Gas Hose	
Appliance Connector Capacities	F8

#### 

• SwiveLink Installation Instructions

HW-2 Series (hose only)	F10
HW-4 Series (with quick-disconnect fittings)	F10
<ul> <li>HW-6 Series (with reversed quick-disconnect fittings)</li> </ul>	F10
Water Appliance Connector Parts and	
Components	F10
<ul> <li>How to Specify a Water Appliance</li> </ul>	
Connector	F11

F9

Index By Model Number and	
Description	F12

#### NOTE

A comprehensive Index By Model or Part Number and Page can be found in the G-11 General Product Catalog Master Index section (IN).





# More Reasons Than Ever To Connect With T&S

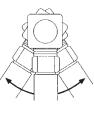
#### **SwiveLink Performance Advantages**

- Provides a consistent, stress-free torque-free swivel motion
- Eliminates kinking, allowing entire connector length to be used
- Optimal wall clearance. Castered appliances come out further to facilitate clean up, installation and maintenance, and may be pushed closer to the wall without connector interference
- Allows restraining devices to be set to engage just before the connector is fully extended
- Minimum folded length
- No lock-up during use
- Allows for full gas flow
- Double sealed, and machined from steel and brass for strength
- Available factory-attached on Safe-T-Link gas connector hoses, or as separate accessories for appliance and/or gas line attachment
- In popular sizes: ½" to 1¼"



#### A True Gas Connector Swivel

Our patented SwiveLink can't lock up and meets ANSI Z21.69 for B.T.U. capacity, where gasoline swivels are limiting



## Usable length of hose with SwiveLink



## Usable length of hose WITHOUT SwiveLink



#### FreeSpin Performance Advantages

- 360° rotatable hex nut rotates completely and freely, even when tight. No more twisted hoses!
- Optimum torsional relief improves safety, increases connector life
- No more struggling with multiple fitting pieces and extra threads
- No more turning hoses to tighten fittings
- Provides efficient, full gas flow in every size
- Tapered fittings provide a tighter fit than traditional flared fittings
- Simple, easy to install
- Standard on both ends of every Safe-T-Link gas connector hose
- Available in sizes ½" through 1¼"

#### **POSI-SET™ Wheel Placement System**

- Wheel placement system for moveable cooking equipment
- Designed for the positive placement of moveable gas equipment
- Ensures proper relocation of equipment after moving, cleaning or repairs
- Made of flame retardant thermoplastic resin
- Virtually indestructible
- Includes mounting hardware for proper installation
- Designed to meet the requirements of NFPA 17A 5.6.4 2009 Edition
- Patent No. US 7,581,623













See page F7 - F8 for more POSI-SET™ information

#### Safe-T-Link SwiveLink

(optional, gas only)

Specify the new SwiveLink swivel, the ultimate connector accessory, and you gain increased mobility and critical space savings over fixed-end products. For the first time, let SwiveLink connect you to the ultimate convenience of utilizing 100% of the connector's overall length.



#### Safe-T-Link FreeSpin

(standard, gas only)

With the new **FreeSpin** feature, you hook up with the most technically advanced end fitting available in the industry. These "live" ends - standard on both ends of the T&S Safe-T-Link gas connectors - provide a constant 360° rotation for reducing stress while extending connector life. Plus, the entire fitting design helps increase operational safety.



#### **Quick-Disconnect Advantages**

- · For use when you need a Quickdisconnect located at the back of the appliance
- Quick-disconnect socket acts as shut-off valve when the plug and socket are disconnected
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)
- High quality construction
- CSA approval
- · Easy operation



- · For use when you need a Quickdisconnect located at the wall
- Quick-disconnect socket acts as shut-off valve when the plug and socket are disconnected
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)
- · High quality construction
- CSA approval
- Easy operation







#### **Welded Fittings**

A gas connector is only as good as its weakest link. Trust our welded fittings to remain gas-tight long after a competitor's crimped assembly begins to loosen.

#### **Extruded Coating**

Strong does not have to mean less flexible. Our extruded coating stays out of the braid and keeps a constant wall thickness, providing strength and flexibility. Dipped coatings invade the stainless steel braid and stress the wires while reducing flexiblity.

#### **Safest Stainless Braid**

Stainless braids protect the thin inner hose from presure and stress. Trust our tight braid pattern to prevent punctures or dents more than a gapped braid.



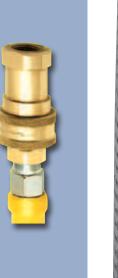




Hot and cold water appliance connectors are also available; see pages F10-11

#### **Attention: California Residents**

California's Proposition 65 requires that California consumers receive warnings about any products which contain chemicals known to the State of California to cause cancer or birth defects or other reproductive harm. The State of California requires the following notice: WARNING: This product contains chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm.



## SAFETLINK

#### **Gas Appliance Connectors** • Welded fittings

- Extruded coating
- Stainless braid
- Available in sizes from ½" to 1¼" NPT
- See p. F6 for available configurations

#### **HG-2 Series** with FreeSpin Fittings

- FreeSpin rotating gas fittings on both ends, male to male
- Welded fitting connections
- Safe stainless braid
- Extruded coating
- ½ PSI max. gas pressure
- Includes (2) elbows

#### **HG-4 Series** with Quick-Disconnect End

- Quick-disconnect one end, FreeSpin rotating gas fitting other end
- Welded fitting connections
- Safe stainless braid
- Extruded coating
- ½ PSI max. gas pressure
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)
- Includes (1) elbow and (1) street elbow

#### **HG-6 Series Reversed Quick-Disconnect**

- Male to quick-disconnect plug (reversed quickdisconnect) one end, FreeSpin rotating gas fitting other end
- Welded fittings
- Extruded coating
- Stainless steel braid hose
- ½ PSI max. gas pressure
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)
- Includes (1) elbow and (1) street elbow
- HG-6-S Series includes (2) elbows

## **Gas Hose Fittings**

#### **FreeSpin Fittings**

- Standard on both gas hose ends
- Freely rotates 360° even when tight, ending twisted hoses
- Hose does not have to turn to tighten fittings
- Available in sizes 1/2" through 11/4" NPT male
- ½ PSI max. gas pressure



CE (C)

#### **HG-2-S Series** with SwiveLink Fittings

Add an "S" to include SwiveLink swivels at both ends

- Maximum clearance from wall
- Minimum folded length
- Stress-free and torque-free motion
- No lock-up position
- ½ PSI max. gas pressure
- Includes (2) elbows

#### **HG-4-S Series** with Quick-Disconnect and SwiveLink Ends

Add an "S" to include SwiveLink swivels at both ends

- Maximum clearance from wall
- · Minimum folded length
- Stress-free and torque-free motion
- No lock-up position
- ½ PSI max. gas pressure
- "Fusible link" quick-disconnect gas hoses automatically shut off gas supply to the appliance when temperatures exceed 350°F (177°C)
- Includes (2) elbows

#### **HG-S Series Stationary Appliance Gas Connectors**

- Stainless steel stationary appliance gas connector
- 3/4" NPT female threads
- 36" to 48" length
- ½ PSI max. gas pressure

#### **SwiveLink Fittings**

- Provides the most reach with the shortest hose
- Reduces stress on the hose, eliminating kinking
- Keeps gas flow unrestricted
- Patented design; can't lock up
- Meets ANSI Z21.69 for B.T.U. capacity
- Available in sizes 1/2" through 11/4"
- ½ PSI max. gas pressure

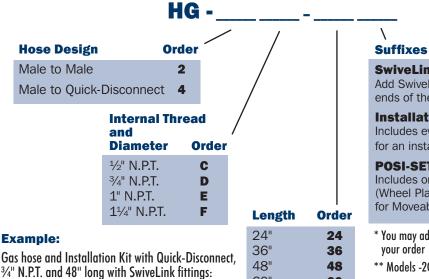




#### **Gas Appliance Connectors - Specifications**

HG-2	(2) FreeSpin fittings
HG-2-S	(2) SwiveLink fittings
HG-4	(1) FreeSpin fitting, (1) Quick-disconnect fitting
HG-4-S	(2) SwiveLink fittings
HG-6	(1) FreeSpin fitting, (1) Male to Quick-disconnect fitting
HG-S	(2) Stationary fittings

#### Specifying An HG-2 and HG-4 Gas Appliance Connector



#### SwiveLink Add SwiveLink fitting to both ends of the hose assembly

**Installation Kit** Includes everything necessary for an installation K\*

#### POSI-SET™

Includes one pair POSI-SET (Wheel Placement System for Moveable Cooking Equip.) PS\*\*

- \* You may add an "S" and/or "K" suffix to your order
- \*\* Models -2C, -2D, -4C, -4D and -4E only



HG-2

**Order** 

S\*



**HG-2S** 



HG-4

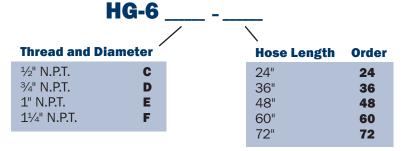


**HG-4S** 

#### **Specifying An HG-6 Gas Appliance Connector**

60"

72"



60

72



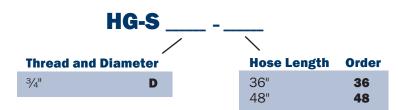
**Example:** 

Gas hose with Reverse Quick-Disconnect, 3/4" N.P.T., 48" long:

HG - 4D - 48SK

HG - 6D - 48

#### **Specifying A Stationary Appliance Connector**





#### **Example:**

Stationary gas hose,  $\frac{3}{4}$ " diameter, 48" long: HG - SD - 48





**Gas Appliance Installation Kit** 

#### Gas Hose with Installation Kit

Add a "K" suffix to hose model number (see p. F6) to include all necessary pieces to install a gas appliance.

#### Each kit includes:

- One 90° street elbow
- One CSA-certified foodservice gas ball valve
- One SureLink restraining cable, adjustable from 3' to 5' lengths (#010625-45)
- All necessary hardware



#### K Model Installation Kit

Order with these model numbers when you only want the kit: 1/2" Kit AG-KC
3/4" Kit AG-KD
1" Kit AG-KE
11/4" Kit AG-KF
5' cable w/ hardware AG-RC

#### **Gas Appliance Parts, Components and Accessories**

#### Two-Piece Quick-Disconnect

1/2"	AG-5C
3/4"	AG-5D
1"	AG-5E
1½"	AG-5F



#### **Gas Ball Valve**

1/2"	AG-7C
3/4"	AG-7D
1"	AG-7E
14"	AG-7F



#### **SwiveLink**

1/2"	AG-6C
3/4"	AG-6D
1"	AG-6E
14"	AG-6F



#### **Elbows**

• All Elbows are in compliance with ASTM standards

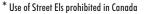
## Female-Male Street El\* 1/2" AG-8C-MF

3/4" AG-8D-MF 1" AG-8E-MF 11/4" AG-8F-MF

#### **Female-Female Elbow**

(not shown)

1/2" AG-8C-FF 3/4" AG-8D-FF 1" AG-8E-FF 11/4" AG-8F-FF



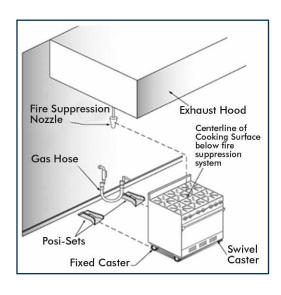


#### POSI-SET™ Wheel Placement System

- Wheel placement system for moveable cooking equipment
- Designed for the positive placement of moveable gas equipment
- Ensures proper relocation of equipment after moving, cleaning or repairs
- Made of flame retardant thermoplastic resin
- Virtually indestructible
- Includes mounting hardware for proper installation
- Designed to meet the requirements of NFPA 17A 5.6.4 2009 Edition
- Patent No. US 7.581.623



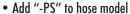
See Page F8 for POSI-SET™ GAS HOSE MODELS!





#### Safe-T-Link Gas Appliance Hoses and POSI-SET™ Models

- POSI-SET™ is also available bundled together with our most popular Safe-T-Link Gas Hose models
- · Refer to the list at right for available model numbers
- One pair of POSI-SET™ included with each gas hose model





HG-2C-36-PS	HG-4D-36SK-PS	HG-4D-60-PS
HG-2C-48-PS	HG-4D-48-PS	HG-4D-60S-PS
HG-4C-48K-PS	HG-4D-48K-PS	HG-4D-60SK-PS
HG-4C-48SK-PS	HG-4D-48S-PS	HG-4E-48K-PS
HG-4D-36-PS	HG-4D-48SEL-PS	HG-4E-48SK-PS
HG-4D-36K-PS	HG-4D-48SK-PS	

## **Gas Appliance Connectors Capacity**

Minimum BTU per hour (in thousands)

Ref: ANSI Z21.69 / CSA 6.16

		12"	24"	36"	48"	60"	<b>72</b> "
	C= ½"	166	150	125	106	95	86
HG-2	D= 3/4"	320	291	250	215	200	174
110-2	E= 1"	639	582	515	443	395	348
	F= 1½"	1185	1075	945	818	735	634
		12"	24"	36"	48"	60"	72"
	C= ½"	140	129	111	97	90	84
HG-2-S	D= 3/4"	320	291	250	215	200	174
110-2-0	E= 1"	639	582	515	443	395	348
	F= 1½"	1144	1042	926	809	735	634
		12"	24"	36"	48"	60"	72"
	C= ½"	<b>12"</b> 92	<b>24</b> " 85	<b>36"</b> 75	<b>48"</b> 70	<b>60"</b> 65	<b>72"</b> 55
HG-4	$\frac{C = \frac{1}{2}"}{D = \frac{3}{4}"}$						
HG-4 HG-4-S	D= 3/4"	92	85	75	70	65	55
	D= 3/4"	92 259	85 235	75 220	70 180	65 160	55 140
	D= 3/4" E= 1"	92 259 455	85 235 420	75 220 380	70 180 335	65 160 290	55 140 280
	D= 3/4" E= 1"	92 259 455	85 235 420	75 220 380	70 180 335	65 160 290	55 140 280
	D= 3/4" E= 1"	92 259 455 770	85 235 420 700	75 220 380 620	70 180 335 540	65 160 290 475	55 140 280 420
HG-4-S	$\frac{D = \frac{3}{4}^{n}}{E = 1^{n}}$ $F = \frac{1}{4}^{n}$	92 259 455 770	85 235 420 700	75 220 380 620 <b>36"</b>	70 180 335 540	65 160 290 475 <b>60</b> "	55 140 280 420 <b>72</b> "
	$\frac{D = \frac{3}{4}^{n}}{E = 1^{n}}$ $F = \frac{11}{4^{n}}$ $C = \frac{1}{2^{n}}$	92 259 455 770 <b>12"</b> 92	85 235 420 700 <b>24"</b> 85	75 220 380 620 <b>36"</b> 75	70 180 335 540 <b>48</b> " 70	65 160 290 475 <b>60"</b> 65	55 140 280 420 <b>72"</b> 55

#### **Stationary Appliance Connectors Capacity**

Minimum BTU per hour (in thousands)

**36" 48" HG-S** D= 3/4" 128 106

Ref: ANSI Z21.24 / CSA 6.10 ANSI Z21.75 / CSA 6.27





Specify the T&S SwiveLink swivel, the ultimate connector accessory, and you gain increased mobility and critical space savings over fixed-end products.

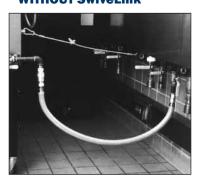
For the first time, let SwiveLink connect you to the ultimate convenience of utilizing 100% of the connector's overall length.

- Provides the most reach with the shortest hose
- Reduces stress on the hose. eliminating kinking
- Keeps gas flow unrestricted
- Patented design; can't lock up
- Meets ANSI Z21.69 for B.T.U. capacity
- Available in sizes 1/2" through 11/4"
- ½ PSI max. gas pressure

#### **Usable length of hose** with SwiveLink

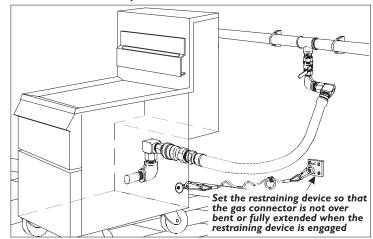


#### **Usable length of hose WITHOUT SwiveLink**

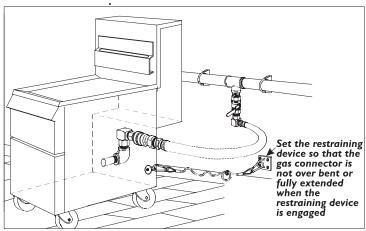


SwiveLink Installation Instructions WARNING: Per the ANSI Z21.69 / CSA 6.16 Standard, Gas Connectors cannot be reused when an appliance is being replaced or moved to a new location.

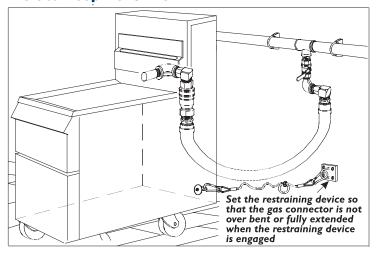
#### **Combination Loop with SwiveLink**



#### **Horizontal Loop with SwiveLink**



#### **Vertical Loop with SwiveLink**



#### **Water Appliance Connectors**

- Welded fittings
- · Extruded coating
- Available in sizes: 3/8", 1/2" and 3/4"

#### HW-2 Series Water Appliance Connectors

- Male to male end fittings
- Welded fitting connections
- Coated stainless steel hose
- Extruded coating



- Hot and cold water appliance connectors
- Stainless braid Rated to 175°F maximum
- See p. F11 for available model numbers





## HW-4 Series with Quick-Disconnect

- Male to quick-disconnect fittings
- Welded fitting connections
- Coated stainless steel hose



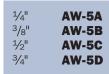
#### HW-6 Series Reversed Quick-Disconnect Cold Water Hoses

- Male to quick-disconnect plug (reversed quick-disconnect)
- Welded fittings
- Extruded coating
- Stainless steel braid hose

# Water Appliance Parts and Components

#### **Stainless Steel Quick-Disconnect**

 Both socket and plug are valved for leak free disconnection





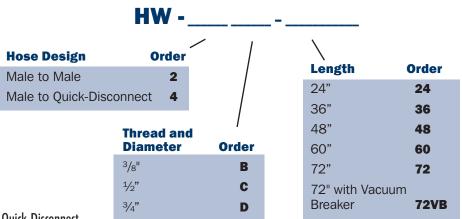






#### **Water Appliance Connectors - Specifications**

#### Specifying An HW-2 and HW-4 Water Appliance Connector





HW-2



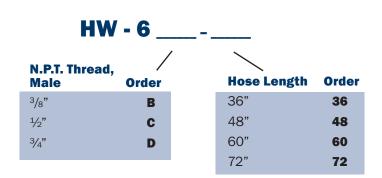
#### **Example:**

Water hose with Quick-Disconnect, 3/4" diameter and 48" long:

**HW - 4D - 48** 

Note: Not all combinations are available. Check the "Index By Model Number" on page F12 for availability, or call T&S Customer Service.

#### **Specifying An HW-6 Water Appliance Connector**





HW-6

#### **Example:**

Water hose with Reverse Quick-Disconnect, ½" N.P.T. and 36" long:

HW - 6C - 36







Listed alphabetically by model number

Model	Description	Model	Description	Model	Description
GAS APPLIA	NCE CONNECTORS				
AG-5C	Gas QUICK-DISCONNECT-1/2"	HG-2E-48SK	Gas Hose 1" x 48" SW KIT	HG-4E-60	Gas Hose 1" NPT x 60" LNG Q-D
AG-5D	Gas QK-DISCONNECT-3/4" NPT	HG-2E-60	Gas Hose 1" NPT x 60" Lngth.	HG-4E-60K	Gas Hose 1" x 60" Q-D KIT
AG-5E	Gas QK-DISCONNECT-1" NPT	HG-2E-60K	Gas Hose 1" x 60" KIT	HG-4E-60S	Gas Hose 1" x 60" SW Q-D
AG-5F	Gas QUICK-DISCONNECT-11/4"	HG-2E-60S	Gas Hose 1" x 60" SWIVELS	HG-4E-60SK	Gas Hose 1" x 60" Q-D SW KIT
AG-6C	Gas SWIVELINK-1/2" NPT MA	HG-2E-72	Gas Hose 1" NPT x 72" Lngth.	HG-4F-48	Gas Hose 11/4" x 48" LNG Q-D
AG-6D	Gas SWIVELINK-3/4" NPT MA	HG-2E-72K	Gas Hose 1" x 72" KIT	HG-4F-48K	Gas Hose 11/4" x 48" Q-D KIT
AG-6E	Gas SWIVELINK-1" NPT MA x	HG-2E-72S	Gas Hose 1" x 72" SWIVELS	HG-4F-48S	Gas Hose 11/4" x 48" SW Q-D
AG-6F	Gas SWIVELINK-11/4" NPT	HG-2F-48	Gas Hose 11/4" x 48" Lngth.	HG-4F-48SK	Gas Hose 11/4" x 48" Q-D SW
AG-7D	Gas BALL VALVE-3/4" NPT	HG-2F-48K	Gas Hose 11/4" x 48" KIT	HG-4F-60	Gas Hose 11/4" NPT x 60" Q-D
AG-8C-MF	Gas STREET EL-1/2" NPT M x F	HG-2F-48SK	Gas Hose 1 <sup>1</sup> / <sub>4</sub> " x 48" SW KIT	HG-4F-60K	Gas Hose 1 <sup>1</sup> / <sub>4</sub> " x 60" Q-D KIT
AG-8D-FF	Gas ELBOW-3/4" NPT FE x FE	HG-4C-36	Gas Hose ½" x 36" Q-D	HG-4F-60S	Gas Hose 1 <sup>1</sup> / <sub>4</sub> " x 60" SW Q-D
AG-8D-MF	Gas STREET EL-3/4" NPT M x F	HG-4C-36K	Gas Hose ½" x 36" Q-D KIT	HG-4F-60SK	Gas Hose 11/4" x 60" Q-D SW K
AG-8E-MF	Gas STREET EL-1" NPT M x F	HG-4C-36S	Gas Hose ½" x 36" SW Q-D	HG-6D-48	Gas Hose RVS-Q-D 3/4" x 48"
AG-KC	Gas Kit-CABLE VALVE EL-1/2"	HG-4C-36SK	Gas Hose ½" x 36" Q-D SW KIT	HG-6D-72	Gas Hose RVS-Q-D 3/4" x 72"
AG-KD	Gas Kit CABLE VALVE EL-3/4"	HG-4C-48	Gas Hose ½" x 48" Q-D	HG-SD-36	Gas Hose Stationary 3/4" x 36"
AG-KE	Gas Kit CABLE VALVE EL-1"	HG-4C-48K HG-4C-48S	Gas Hose ½" x 48" Q-D KIT	HG-SD-48	Gas Hose Stationary 3/4" x 48"
AG-KF	Gas Kit CABLE VALVE EL-11/4"	HG-4C-48SK	Gas Hose ½" x 48" SW Q-D Gas Hose ½" x 48" Q-D SW KIT		
AG-RC HG-2C-36	5 ft. CABLE w/ HARDWARE  Gas Hose ½" NPT x 36" Lngth.	HG-4C-60	Gas Hose ½ x 60" Q-D 3W KIT	WATER APP	LIANCE CONNECTORS
HG-2C-36K	Gas Hose ½" X 36" KIT	HG-4C-60K	Gas Hose ½" x 60" KIT	AW-5B	%" Brass O-Disconnect
HG-2C-36S	Gas Hose ½" x 36" SWIVEL	HG-4C-60S	Gas Hose ½ x 60" SW Q-D	AW-5C	½" Brass Q-Disconnect
HG-2C-48	Gas Hose ½" NPT x 48" Lngth.	HG-4C-60SK	Gas Hose ½" x 60" Q-D SW KIT	AW-5D	3/4" Brass Q-Disconnect
HG-2C-48K	Gas Hose ½" x 48" KIT	HG-4C-72	Gas Hose ½" x 72" Q-D	HW-2B-24	Water Hose, Male, 3/8" x 24"
HG-2C-48S	Gas Hose ½" x 48" SWIVEL	HG-4C-72K	Gas Hose ½" x 72" KIT	HW-2B-36	Water Hose, Male, %" x 36"
HG-2C-48SK	Gas Hose ½" x 48" SW KIT	HG-4C-72S	Gas Hose ½" x 72" SW Q-D	HW-2B-48	Water Hose, Male, %" x 48"
HG-2C-60	Gas Hose ½" NPT x 60" Lngth.	HG-4D-24	Gas Hose 3/4" x 24" Q-D	HW-2B-72	Water Hose, Male, %" x 72"
HG-2C-72	Gas Hose ½" NPT x 72" Lngth.	HG-4D-24K	Gas Hose 3/4" x 24" Q-D KIT	HW-2C-36	Water Hose, Male, 1/2" x 36"
HG-2C-72K	Gas Hose ½" NPT x 72" KIT	HG-4D-24S	Gas Hose 3/4" x 24" SW Q-D	HW-2C-48	Water Hose, Male, 1/2" x 48"
HG-2D-24	Gas Hose 3/4" NPT x 24" Lngth.	HG-4D-24SK	Gas Hose 3/4" x 24" Q-D SW KIT	HW-2C-60	Water Hose, Male, ½" x 60"
HG-2D-24K	Gas Hose 3/4" x 24" KIT	HG-4D-36	Gas Hose 3/4" X 36" Q-D	HW-2C-72	Water Hose, Male, ½" x 72"
HG-2D-24S	Gas Hose 3/4" x 24" SWIVEL	HG-4D-36K	Gas Hose 3/4" x 36" Q-D KIT	HW-2D-48	Water Hose, Male, 3/4" x 48"
HG-2D-24SK	Gas Hose 3/4" x 24" SW KIT	HG-4D-36S	Gas Hose 3/4" x 36" SW Q-D	HW-4B-24	Water Hose w/Q-D, %" x 24"
HG-2D-36	Gas Hose ¾" NPT x 36" Lngth.	HG-4D-36SK	Gas Hose 3/4" x 36" Q-D SW KIT	HW-4B-36	Water Hose w/Q-D, %" x 36"
HG-2D-36K	Gas Hose ¾" x 36" KIT	HG-4D-48	Gas Hose <sup>3</sup> / <sub>4</sub> " x 48" Q-D	HW-4B-48	Water Hose w/Q-D, %" x 48"
HG-2D-36S	Gas Hose <sup>3</sup> / <sub>4</sub> " x 36" SWIVEL	HG-4D-48K	Gas Hose <sup>3</sup> / <sub>4</sub> " x 48" Q-D KIT	HW-4B-72	Water Hose w/Q-D, %" x 72"
HG-2D-36SK	Gas Hose <sup>3</sup> / <sub>4</sub> " x 36" SW KIT	HG-4D-48S	Gas Hose 3/4" x 48" SW Q-D	HW-4B-72VB	Water Hose w/Q-D, Vacuum Breaker, %" x 72"
HG-2D-48	Gas Hose <sup>3</sup> / <sub>4</sub> " NPT x 48" Lngth.	HG-4D-48SK	Gas Hose 3/4" x 48" Q-D SW KIT	HW-4C-36	Water Hose w/Q-D, ½" x 36"
HG-2D-48K	Gas Hose 3/4" x 48" KIT	HG-4D-60 HG-4D-60K	Gas Hose 3/4" x 60" Q-D Gas Hose 3/4" x 60" Q-D KIT	HW-4C-48	Water Hose w/Q-D, ½" x 48"
HG-2D-48S HG-2D-48SK	Gas Hose <sup>3</sup> / <sub>4</sub> " x 48" SWIVEL Gas Hose <sup>3</sup> / <sub>4</sub> " x 48" SW KIT	HG-4D-60S	Gas Hose 3/4" x 60" SW Q-D	HW-4C-60	Water Hose w/Q-D, ½" x 60"
HG-2D-60	Gas Hose 3/4" NPT x 60" Lngth.	HG-4D-60SK	Gas Hose 3/4" x 60" Q-D SW KIT	HW-4C-72	Water Hose w/Q-D, ½" x 72"
HG-2D-60S	Gas Hose 3/4" x 60" SWIVEL	HG-4D-72	Gas Hose <sup>3</sup> / <sub>4</sub> " x 72" Q-D	HW-4C-72VB	Water Hose w/Q-D, Vacuum
HG-2D-60SK	Gas Hose 3/4" x 60" SW KIT	HG-4D-72K	Gas Hose <sup>3</sup> / <sub>4</sub> " x 72" Q-D KIT		Breaker, ½" x 72"
HG-2D-72	Gas Hose 3/4" NPT x 72" Lngth.	HG-4D-72S	Gas Hose <sup>3</sup> / <sub>4</sub> " x 72" SW Q-D	HW-4D-48	Water Hose w/Q-D, 3/4" x 48"
HG-2D-72K	Gas Hose 3/4" x 72" KIT	HG-4D-72SK	Gas Hose 3/4" x 72" Q-D SW KIT	HW-6C-36	Water Hose w/RVS-Q-D, ½" x 36"
HG-2D-72S	Gas Hose <sup>3</sup> / <sub>4</sub> " x 72" SWIVEL	HG-4E-36	Gas Hose 1" NPT x 36" LNG Q-D	HW-6C-48	Water Hose w/RVS-Q-D, ½" x 48"
HG-2D-72SK	Gas Hose 3/4" x 72" SW KIT	HG-4E-36K	Gas Hose 1" x 36" Q-D KIT	HW-6D-48	Water Hose w/RVS-Q-D, 3/4" x 48"
HG-2E-36	Gas Hose 1" NPT x 36" Lngth.	HG-4E-36S	Gas Hose 1" x 36" SW Q-D		
HG-2E-36K	Gas Hose 1" x 36" KIT	HG-4E-36SK	Gas Hose 1" x 36" Q-D SW KIT		
HG-2E-36S	Gas Hose 1" x 36" SWIVELS	HG-4E-48	Gas Hose 1" NPT x 48" LNG Q-D		
HG-2E-36SK	Gas Hose 1" x 36" SW KIT	HG-4E-48K	Gas Hose 1" x 48" Q-D KIT		
HG-2E-48	Gas Hose 1" NPT x 48" Lngth.	HG-4E-48S	Gas Hose 1" x 48" SW Q-D	See Pag	e F8 For POSI-SET™
HG-2E-48K	Gas Hose 1" x 48" KIT	HG-4E-48S-RC	Gas Hose 1" x 48" SW Q-D, RC KIT		se Models!
HG-2E-48S	Gas Hose 1" x 48" SWIVELS	HG-4E-48SK	Gas Hose 1" x 48" Q-D SW KIT		











## **G-11** General Product Catalog

## **Table of Contents**

Parts Kits – ©	
Pre-Rinse Units G3	
• Pre-Rinse Units – Repair, Installation	G3
Spray Valves <b>G3-4</b> Repair Kits:	
• B-0107 (1.42 GPM)	G3
<ul><li>EB-0107 High Flow Spray Valve</li><li>B-0107-C (0.65 GPM) and</li></ul>	G4
B-0107-J (1.07 GPM) Spray Valves • B-0108 (1.48 GPM) and	G4
B-0108-C (0.65 GPM) JeTSpray Valves	G4
Cartridges and Spindle Assemblies	G5-7
Faucets <b>G7-8</b> • Faucet Parts and Repair Kits	G7-8
Handles <b>G8</b> • Handle Parts and Replacement Kits	G8
Plumbing and Waste Valves <b>G9</b> • Parts and Repair Kits	G9
Parts Kits for Installation <b>G9</b>	
Glass Filler Repair Kits <b>G10</b>	
Vacuum Breaker Repair Kits <b>G10</b>	



A comprehensive *Index By Model or Part Number* and Page can be found in the **G-11 General Product** Catalog Master Index section (IN).



Note: Some individual items listed in parts kits may be ordered separately. Contact T&S factory Customer Service representatives for availability.

#### Repair and Installation Kits - Pre-Rinse Units

#### B-0114-RK Roto-Flex Repair Kit



- B-0114 style pre-rinse unit repair kit
- Includes materials to repair both knuckles and elbow

#### B-PRU-RK Pre-Rinse Repair Kit

Includes:

3	(012665-45) (001014-45)	Lubricant Hose barrel washers
	(010476-45)	#27 Washers
	(001074-45)	Swivel 'O'-Ring
	(011429-45)	Swivel sleeve
	(001065-45)	EasyInstall 'O'-ring
1	(014200-45)	Serrated lock washer
2	(001019-45)	Coupling nut washers

#### BF-PRU-RK Big-Flo Pre-Rinse Repair Kit

Includes:

1	(012665-45)	Lubricant
3	(001014-45)	Hose barrel washers
2	(010476-45)	#27 Washers
3	(000764-20)	Removable seat
1	(016807-45)	Serrated lock washer
4	(001068-45)	EasyInstall 'O'-rings
2	(001019-45)	Coupling nut washers

#### B-0113-K Pre-Rinse Spare Parts Kit

• Includes:

1 (000821-40)	Spring body
1 (000358-40)	3/8" x 3" nipple
1 (000888-45)	Overhead spring

#### **B-0107 Spray Valve Repair Kits**



#### B-10K B-0107 (1.42 GPM) Spray Valve Repair Kit

2	(000895-45)	Spring
2	(000974-45)	Bonnet washer
2	(010476 45)	Hoco wachor

- 2 (010476-45) Hose washer 2 (001100-45) Stem packing
- 2 (009306-20) Valve stem 2 (001040-45) Bonnet binding washer
- 2 (012915-45) Seat washer
- 1 (007861-45) Spray head ring
- 1 (000913-45) Spray face screw
- 1 (001121-45) Spray face

#### 002856-40 B-0107 Spray Valve Bonnet Assembly

B-0107 spray valve bonnet assembly



#### B-16K B-0107 (1.42 GPM) Pre-Rinse Sprays Parts Kit

• Parts included:

1 (000894-45) Spring

2 (000974-45) B-0107 Bonnet Washer

2 (010476-45) #27 Washer

1 (001062-45) 'O'-Ring

2 (009650-45) Seat Washer

2 (001100-45) Stem packing

#### B-24K B-0107 Spray Face Repair Kit

• Repairs B-0107 Spray Valve Face:

1 (007861-45) Spray head ring

1 (000913-45) Spray face screw

1 (001121-45) B-0107 Spray face

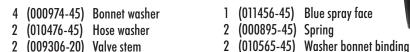




Note: Some individual items listed in parts kits may be ordered separately. Contact T&S factory Customer Service representatives for availability.

#### **EB-0107 High Flow Spray Valve Repair Kit**

#### **EB-10K EB-0107 Spray Valve Repair Kit**



1 (011475-45) Blue spray head ring 2 (014615-45) Packing seal

1 (000913-45) Spray face screw 2 (010563-45) Seat washer



#### **B-10K-C** B-0107-C (0.65 GPM) **Low Flow Spray Valve Repair Kit**

- Parts included for the B-0107-C Spray Valve:
  - (000895-45) Spring
  - (000974-45) Bonnet Washer
- 2 (010476-45) #27 hose washer
- 2 (001040-45) Bonnet Binding Washer
- 2 (002659-45) Shield
- 2 (001100-45) Packing Seal
- (009306-20) Valve Stem 2
- (012915-45) Seat Washer

#### **B-10K-J** B-0107-J (1.07 GPM) Spray Valve Repair Kit



- (000895-45) Spring
- 2 (000974-45) Bonnet washer brass
- 2 (010476-45) #27 hose washer
- 2 (001040-45) Bonnet binding washer
- 2 (018292-45) Grey shield
- 2 (001100-45) Packing Seal
- 2 (009306-20) Valve Stem
- (012915-45) Seat Washer



₩ JeTSpray

## **B-0108 and B-0108-C JeTSpray Valve Repair Kits**

Note: Individual items for the B-0108 spray valve are not sold separately.

#### 108V-RK **B-0108 JeTSpray Valve Repair Kit**

#### Kit includes:

- Spanner bit
- End plug assembly
- Silicon grease
- Valve assembly
- Compression spring

#### 108SF-RK **B-0108 JeTSpray Spray Face Repair Kit**

#### Kit includes:

- Washer
- EPAct 2005 compliant B-0108 spray face (1.48 GPM)



#### 108T-RK **B-0108 JeTSpray Trigger** Repair Kit

#### Kit includes:

- 6-32 x 3/8" screws (2)
- Silicon grease
- Spring trigger catch sub-assembly
- Stainless steel trigger
- Thread locking compound
- Pivot pin assembly

#### 108CSF-RK **B-0108-C Low Flow JeTSpray** Spray Face Repair Kit

#### Kit includes:

- Washer
- EPAct 2005 compliant B-0108-C spray face (0.65 GPM)



#### 108S-RK **B-0108 JeTSpray Screen/ Washer Repair Kit**

#### Kit includes:

Inlet filter



#### 108HSF-RK **B-0108-H JeTSpray High Flow** Spray Face Repair Kit

#### Kit includes:

- Washer
- Non-EPAct 2005 compliant B-0108-H high flow spray face (4.0 GPM)











Note: some individual items listed in parts kits may be ordered separately. Contact our T&S factory Customer Service representatives for availability.

#### **Repair Kits - Cartridges and Spindle Assemblies**

#### B-0290-K Repair Kit for Big-Flo Faucets

2 (001075-45) 'O'-Rings

2 (009752-45) Bonnet washers

2 (000933-45) Seat washer screws

2 (000976-45) Washer

2 (002726-45) Bonnet washer

2 (001042-45) Bonnet washer

2 (002721-45) 'O'-Rings

2 (001088-45) Seat washers

2 (000764-20) Removable seats

#### B-1K Eterna Parts Kit

2 (000933-45) Seat washer screws

2 (001022-45) Bottom gaskets

2 (002601-45) Top gaskets

2 (001092-45) Seat washers

2 (013430-45) Eterna packing seals

#### B-6RK Cartridge Repair Kit

4 (000933-45) Seat washer screws

4 (001022-45) Bottom gaskets

4 (002601-45) Top aaskets

1 (002001-45) Top guskers

8 (001092-45) Seat washers

8 (003164-45) Spring check washers

2 (012915-45) B-0107 seat washers

4 (013430-45) Eterna packing seals

2 (001040-45) Bonnet binding washers

4 (000974-45) Bonnet washers

4 (001479-45) Spring check springs

2 (001100-45) Stem packing

4 (001014-45) Hose barrel washers

6 (010476-45) #27 washers



#### B-5K Old Style B-0230 Faucet Repair Kit

Note: Used on B-0230 spindles prior to barrel

type assemblies (old style):

1 Right-hand spindle

1 Left-hand spindle

6 Removable seats

4 Seat screws

12 Washers

12 Bonnet washers

12 Washers

22 Seat washers

12 Big-Flo Bonnet Assemblies



l (000788-20) Right-hand Eterna insert

(000789-20) Left-hand Eterna insert

1 (000811-25) Right-hand spindle insert

1 (000812-25) Left-hand spindle insert

4 (000933-45) Seat washer screws

10 (001022-45) Bottom Gaskets

12 (002601-45) Top Gaskets

22 (001092-45) Seat washers

6 (001098-45) Spindle Packing



#### B-7K Master Parts Kit for Eterna Spindles

• Included in box:

12 (000788-20) Right-hand Eterna inserts

6 (000789-20) Left-hand Eterna inserts

12 (000811-25) Right-hand spindle inserts

6 (000812-25) Left-hand spindle inserts

6 (000718-25) Packing nuts

12 (000922-45) Lever handle screws

32 (000933-45) Seat washer screws

25 (002601-45) Top gaskets

25 (001022-45) Bottom gaskets

25 (001074-45) Swing nozzle '0'-rings

32 (001092-45) Seat washers

50 (001098-45) Packings





Note: some individual items listed in parts kits may be ordered separately. Contact our T&S factory Customer Service representatives for availability.

#### Parts and Repair Kits - Cartridges and Spindle Assemblies

#### B-8K Push Button Metering Parts Kit

• Included in sorting tray and case:

6 (000788-20) Right-hand removable Insert, Hot 6 (000789-20) Left-hand removable Insert, Cold 10 (001022-45) Bottom Gasket

 10
 (001022-45)
 Bottom Gask

 10
 (001092-45)
 Seat Washer

 6
 (014152-40K)
 Seal Kit

 25
 (012596-45)
 Bottom Seal

3 (000812-25) Left-hand Eterna Spindle Assembly, Cold 3 (000811-25) Right-hand Eterna Spindle Assembly, Hot

1 (014193-40) Blank Push Button Cap Assembly w/ Spanner Bit

1 (238A) Cartridge

2 (014152-40) Metering Cartridge Assembly

10 (000922-45) Lever Handle Screw 10 (000933-45) Seat Washer Screw 12 (002601-45) Top Gasket

12 (013430-45) Eterna Bonnet Packing Seal

6 (000718-45) Packing Nut

#### B-20K B-1100 Faucets Parts Kit



#### • Included:

1 (000800-25) Right-hand spindle 1 (000801-25) Left-hand spindle

2 (000933-45) Seat washer screws 2 (000986-45) Bonnet washers

2 (002726-45) Bonnet washers, S/Steel

2 (001074-45) 'O'-rings 2 (001092-45) Seat washers

4 (010196-25) B-1100 Bonnet assembly (includes 'O'-Rings & Washer)

2 (001047-25) Bonnet washers 2 (000763-20) Removable seats

#### B-21K Eterna Replacement Parts Kit

Included:

1 (000788-20) Removable Eterna Insert, Hot 1 (000789-20) Removable Eterna Insert, Cold

2 (009646-45) Washers for Inserts



#### B-11K Eterna Cartridge Spindle Kit

• Included:

1 (000811-25) Right-hand spindle assembly with seat washer and screw

l (000812-25) Left-hand spindle assembly with seat washer and screw



#### B-12K B-1100 Spindle Parts Kit

• Included:

1 (000800-25) Right-hand Spindle assembly

with Seat Washer and Screw

1 (000801-25) Left-hand Spindle assembly with Seat Washer and Screw



**B-12K-T** Same as B-12K except with teflon seat washers (001136-45)

#### B-13K Eterna Spring Check Spindle Assembly Kit

• Included:

1 (001907-25) Right-hand spindle insert 1 (001908-25) Left-hand spindle insert

2 (003164-45) Seat washer — spring check

2 (001479-45) Spring



#### 012555-40 Wrist-Action Metering Cartridge Repair Kit

• Included:

1 (012467-45) Bushing

1 (016301-20) Spacer

1 (012451-45) Linear cam

1 (012452-45) Rotary cam

1 (012465-45) Washer

1 (010317-45) Return spring 1 (011676-45) Grease pack









Note: some individual items listed in parts kits may be ordered separately. Contact our T&S factory Customer Service representatives for availability.

#### Parts and Repair Kits - Cartridges and Spindle Assemblies

#### **B-23K Spring Check Spindle Assembly Replacements**

Note: Kit supplied with components unassembled

- Parts included:
  - 2 (006557-40) Bonnet Assembly
  - 2 (001466-20) Quarter-turn Spindle Sleeves
  - 1 (001908-25) Eterna Spindle Assembly (LH)
  - 1 (001907-25) Eterna Spindle Assembly (RH) 2 (001479-45) Check Spring
  - 2 (003164-45) Seat Washer
  - 1 (000789-20) Removable Insert Assembly (LH)
  - 1 (000788-20) Removable Insert Assembly (RH)

#### **B-238RK Push Button Metering Cartridge Repair Kit**

- Included:
  - 1 (010150-45) Top Washer
  - **Bottom Seal Filter Washer** 1 (017182-45)
  - 1 (009391-45) 'O'-Ring
  - 1 (012596-45) Bottom Stem Seal

#### **B-2800-WA-KIT Wrist-Action Metering Cartridge Kit**

Parts included:

(2) Wrist-action metering cartridges with EasyInstall concealed widespread flanges, 4" wrist-action handles with screws and snap-in indexes



#### **Parts and Repair Kits - Faucets**

### **EasyInstall Concealed Widespread Faucet Parts Kit**

Parts included in box:

12	(000922-45)	Lever handle screw
32	(000933-45)	Screw
50	(001098-45)	Eterna spindle packing seal
6	(009002-25)	Packing nut/lock nut
25	(002601-45)	Gasket
25	(001074-45)	'O'-Ring
32	(001136-45)	Teflon seat washer
25	(001022-45)	Bottom gasket
6	(000789-20)	Left hand removable insert assembly
6	(000812-25CWS)	Left hand spindle assembly
12	(000788-20)	Right hand removable insert assembly
12	(000811-25CWS)	Right hand spindle assembly

#### 011643-45 **Swivel Repair Kit**









2 (011429-45) Swivel sleeves 1 (001074-45) 'O'-Ring

'O'-Rina lubricant



#### **B-17K** "Old Style" B-0230 Faucets **Parts Kit**

Included:

1 (009194-25) Right-hand Spindle

1 (009195-25) Left-hand Spindle 2 (000933-45) Seat Washer Screw

2 (009649-45) Seat Washer



#### **B-30K Chinese Wok Wand Faucet Parts Kit**

Included:

1 (001625-45) Spring 4 (001069-45) 'O'-Ring 2 (009268-45) 'O'-Ring 2 (001621-20) Bearing

2 (009267-45) 'O'-Ring

#### 017208-40 **Concealed Widespread Faucet Diverter Repair Kit**

- Included:
  - Diverter and extension
  - Center shank with swivel deck flange and flange nut
  - Compression nut and fitting 1







Note: Some individual items listed in parts kits may be ordered separately. Contact T&S factory Customer Service representatives for availability.

#### **Parts and Repair Kits - Faucets**

## B-2730-DRK Diverter Valve Replacement Kit

- Parts included:
  - 1 Diverter valve stem
  - 1 Diverter valve seal
  - 2 Diverter valve 'O'-Rings
  - 1 Diverter valve body
  - 1 Diverter valve stem seal



#### **Parts and Replacement Kits - Handles**

#### B-9K Lever Handle Kit

- Lever handle kit includes:
  - 1 (001661-45) Index button, red (hot)
  - 1 (001660-45) Index button, blue (cold)
  - 2 (000922-45) Lever handle screw
  - ? (001638-45) Lever handles, blank



#### B-18K Four Arm Handle Kit–Lab

- Parts included:
  - 2 (000059-40) Four arm handle
  - 2 (000925-45) Handle screw
  - 1 (001191-45) Index button, green cold (CW)
  - 1 (001194-45) Index button, red hot (HW)



#### B-19K Four Arm Handle Kit – Kitchen



2 (002521-45) Four arm handles

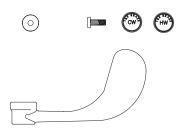
2 (000922-45) Handle screws

1 (001661-45) Index button, red (hot)

1 (001660-45) Index button, blue (cold)

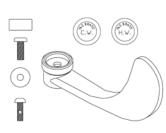


- Wrist-action handle kit includes:
  - 1 Seat washer screw
- 1 Teflon seat washer
- 1 Handle screw
- 1 Cold water index
- 1 Hot water index
- 1 4" Wrist-action handle



#### B-WH4-K Wrist-Action Handle and Quarter-Turn Eterna Parts Kit

- For B-WH4 handle:
  - 2 (001466-20) Quarter-turn sleeve
  - 2 (000925-45) Handle screw
  - 2 (001136-45) Teflon seat washer
  - 2 (000933-45) Seat washer screw
  - 1 (001686-45) Index button, blue (cold)
  - 1 (001194-45) Index button, red (hot)
  - 2 (000078-45) 4" Wrist-action handle





Note: some individual items listed in parts kits may be ordered separately. Contact our T&S factory Customer Service representatives for availability.

#### **Plumbing and Waste Valve - Parts and Repair Kits**

#### **B-50P Foot Pedal Valve Parts Kit**

- Parts included:
  - (009306-20) Valve stem
  - (003690-45) Spring
  - (000974-45) Bonnet washer
  - (001040-45) Washer
  - (001100-45) Stem packing

  - (012915-45) B-0107 Seat washer (new style)
  - (012665-45) Silicon grease tube



#### **B-39K Waste Valve Repair Kit**

- Parts included:
- 1 3-1/2" Head gasket
- 3" Head gasket
- Plunger 'O'-Ring
- Outlet coupling washer
- Drain bushing
- 1 Twist handle washer
- Twist handle 'O'-Ring
- Twist handle 'C'-Ring
- Rod nut 'O'-Ring

#### **Parts Kits For Installation**

#### EZ-K **Easylnstall Retro-Fit Kit**

• Parts include (1) each: EasyInstall nut EasyInstall bushing '0'-Ring Lock washer LocTite capsule 3/8" Hex key



#### **B-0230-KIT Inlet Parts Kit**

- Parts included:
  - (017420-45) 24" flexible supply hoses
  - 2 (B-0230-K) 1/2" NPT male elbow

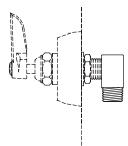
installation kit



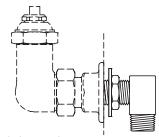
#### **B-1100-K Parts Kit**

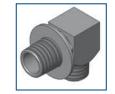
• Includes 2 each: 1/2" NPT Male x Female short ELs





#### **B-0230-K** 1/2" NPT Male Elbow **Installation Kit**





• Includes 2 each: 1/2" NPT Supply nipple, lock nut and washer 1/2" NPT Male x Female short EL

#### B-0230-K-M12 Master Pack of 12

#### **B-1105-KIT Parts Kit**

• Includes 2 each: (B-1100-K) 1/2" NPT Close elbows (017420-45) 24" flexible supply hoses







Note: some individual items listed in parts kits may be ordered separately. Contact our T&S factory Customer Service representatives for availability.

#### **Repair Kits for Glass Fillers**

## **B-1255** Repair Kit for "Old Design" Glass Filler

Includes:

2 (001062-45) '0'-Rings 2 (001094-45) Seat washers

2 (000894-45) Springs

1 (003199-45) Handle screw

2 (001100-45) Stem packings 1 (003198-45) Handle nut

1 (001145-45) Blue lever arm

2 (000974-45) **Bonnet washers** 

1 (003090-45) Blue outlet

1 (012665-45) Silicon grease tube





- Valve assembly, 3/4-20 UN threads
- Stainless steel spring





#### **B-1256** Repair Kit for Glass Filler



• Includes:

1 (015588-40) 1 (015589-40) 1 (015550-45)

Adjustable outlet with hex key Valve assembly with valve spring Lever arm repair kit with screw and nut

#### 015550-45 **Lever Arm Repair Kit** for New Glass Filler

- Includes:
- Dark blue lever arm with screw and nut



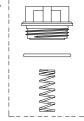
#### **Repair Kits for Vacuum Breakers**

#### B-0963-RK **Repair Kit**

For B-0963 and includes:

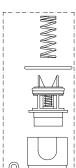
## **Bonnet Repair Kit**

- with (1) each: Bonnet
- Bonnet 'O'-Ring
- Spring



#### **Check Assembly** Repair Kit with (1) each:

- Spring
- '0'-Ring
- Vent 'O'-Ring
- Check Assembly
- Retainer
- Bleed screw '0'-Ring



#### **B-0966-RK Repair Kit**

For B-0967 and includes 1 each:

- Seat (0.875 O.D.)
- 'O'-Ring (Buna)
- Diaphragm (1/4-1/3 SVB)
- Atmospheric (1/4-1/2 OV-15 Neoperl) check valve
- EPDM 'O'-ring

#### **B-0967-RK Repair Kit**

For B-0967 and includes 1 each:

- Seat (0.875 O.D.)
- 'O'-Ring (Buna)
- Diaphragm (1/4-1/3 SVB)
- Atmospheric (1/4-1/2 OV-15 Neoperl) check valve
- EPDM 'O'-ring

#### B-0968-RK01 **Repair Kit**

For B-0968 and includes:

- 2 Self-tapping screws
- 3/8" NPT vacuum breaker insert
- 1 Insert '0'-ring
- Piston 'O'-ring
- 1 3/8" NPT vacuum breaker piston





#### B-0969-RK01 **Repair Kit**

For B-0969 and includes:

- 2 Coverplate screws
- 1 Brass insert
- 1 Insert 'O'-ring
- 1 Disc seal
- 1 Float piston







# 

medically superior Response





Introducing AXION MSR™ by Haws, the first and only eyewash and eye/face wash specifically designed to operate in concert with standard healthcare protocols and the natural function of the human eye.

In addition to the AXION MSR medical innovations, this exciting new patent-pending product has a number of features that set it apart from any other eyewash on the market:

- Inverted eyewash and eye/face wash streams
   AXION eyewash streams are inverted compared with the traditional eyewash. AXION streams contact the eyes at the inner canthus or corner, adjacent to the bridge of the nose. Contaminants are then swept to the outer edge of the eye, where gravity takes over and runs them into the eyewash bowl.
- Laminar flow eyewash streams for greater stream consistency
   Another first is the use of laminar flow engineering in the eyewash streams. In simple terms, a laminar flow is one in which there is an absence of turbulence, because the stream is "built" in layers. The result? An even, comfortable, predictable stream height and circumference.
- "Zero vertical velocity" engineering for maximum victim comfort
   Next, because AXION eyewash streams are almost vertically oriented, they "stall" at a prescribed height.
   When the stream exhausts its vertical velocity, it softly turns outward and begins to fall off horizontally.
   This action causes a slight puddling of the flow in midair before it returns to the eyewash bowl. It occurs directly at the optimal contact point with the eye, making for a more pleasant and effective irrigation experience.



The medical profession teaches and practices irrigating eyes by introducing flushing fluid at the inner corner of the eye – adjacent to the nose – letting it run across the eye to the outer edge. This is specifically done to avoid driving contaminants into the lacrimal punctum and the nasal cavity. The accepted medical practice is counter to the way that traditional eyewashes operate and can result in further injury to the splash or blown-particulate injured victim.

Axion MSR is the only eyewash product that duplicates the methodology used by and recommended by healthcare professionals.





## Tas

#### **Emergency Safety Equipment by Haws For Immediate On-The-Job Eye Safety**

Why do you need to consider installing an eyewash station in your facility? Since OSHA does not require eyewash stations by industry, the need for an eyewash station should be determined by the chemicals that are used in an establishment. Wherever corrosive chemicals are being used, an eyewash station is very important for employee safety and health.

If corrosive chemicals are being used, an eyewash station is very important for employee safety and health.

#### EW-7360B Wall Mounted Eye/Face Wash

- · ABS green plastic eyewash head with built-in 2.5 GPM flow control
- · Integral flip top dust cover
- · Round stainless steel receptor with chrome plated brass stay open ball valve, ½" NPT inlet and outlet, 1¼" NPT waste
- · Universal emergency eyewash sign
- · Includes "Test This Week" tag to record weekly testing record of emergency equipment



#### EW-7501 Nine Gallon Gravity Fed Portable Eyewash Unit

- · Nine gallon capacity, high-density green polyetheylene tank provides full pattern flushing at .4 GPM for a full 15 minutes
- · Fold down eyewash arm has positive upper limit stop that covers and protects spray outlets when not in use
- · Wide-fill opening for easy inspection, cleaning and filling
- · ABS plastic eyewash heads with tripod anchor, stainless steel socket head cap screw and rubber gasket
- · Includes wall bracket
- Eyewash preservative sold separately (EW-9082)
   Note: Unit must be wall hung

EW-9082

#### Accessories:

**EW-9082** Bacteriostatic preservative, four bottles per carton. One 5 oz. bottle preserves five to 20 gallons of water for up to three months.

#### EW-7611 Countertop Mounted Pull Down Eye/Face Wash Unit

- · Polished chrome plated brass eye/face wash swings forward to activate
- · ABS green plastic head with built in 2.5 GPM flow control
- · Integral flip top dust cover
- · Can be mounted on either right or left side of sink
- · Supply: 1/2" O.D. slip joint
- · Universal emergency eyewash sign
- · Includes "Test This Week" tag to record weekly testing record of emergency equipment

#### **EW-7612 Swing Away Eyewash Unit**

- · Countertop mounted polished chrome plated brass eye/face wash unit with swing-away feature to activate
- · Mounted on right side of sink
- · Polyetheylene dust cover
- · Supply: 1/2" O.D. slip joint
- · Universal emergency eyewash sign
- · "Test This Week" tag to record weekly testing record of equipment

#### **EW-7612LH Swing Away Eyewash Unit**

· Same as EW-7612 except mounted on left side of sink







#### **Emergency Safety Equipment by Haws For Immediate On-The-Job Eye Safety**

T&S Emergency Equipment by Haws offers you the simple solution to respond appropriately. Our eye and face wash stations can be used in industrial and foodservice applications, where clean-up personnel and others come in contact with corrosive chemicals.

- · Certified in the U.S. to meet ANSI Z358.1 Standard for Emergency Eyewash and Shower Equipment
- Certified by CE and CSA in Europe and Canada
- · All products tested before shipping
- · Quick-Ship next day shipping available

#### EW-8904 Counter Mounted Laboratory Eye/Face Wash Unit

- · Countertop mounted eye/face and body spray
- · Head positioned at 45° angle
- · Stay open squeeze lever valve
- · 8 ft. swivel hose with ½" NPT inlet and deck flange that incorporates guiding key slot for proper positioning of spray
- · Universal emergency eyewash sign
- · "Test This Week" tag to record weekly testing record of equipment

#### **EW-9201EF Tempered Water Blending Valve**

- Thermostatic mixing valve supplies tempered water to fixtures with flow from 1 to 12 GPM, sufficient for one or two eye/face wash units
- · Includes thermostatic mixing element and outlet temperature gauge
- · Fail-safe back up ensures shut-off of incoming hot water if cold water fails or is interrupted; valve goes into cold water bypass mode
- · Maintains outlet temperature to within  $\pm$  5°F (2.5°C) with as little as 2 GPM water flow
- · Outlet temperature factory setting: 80°F (26°C)
- · Maximum inlet pressure: 125 PSI
- · Maximum inlet temperature: 180°F (82°C); recommended: 140°F; minimum temperature 120°F
- · 1/2" NPT inlet and 3/4" NPT outlet
- · Supplied with check valves

#### **EW-9095 Eyewash Sprayhead Covers (only)**

- · Eyewash sprayhead covers protect eyewash orifices when not in use
- · Ring end installed on eyewash frame (as shown) with covers bent over to cover the opposite eyewash orifice







EW-9095 (installed)

For Eyewash replacement parts, see next page



#### **Emergency Safety Equipment by Haws - Replacement Parts**

#### **EW-SP21FC ABS Plastic Head**

- · Safety green eye/face wash head with built-in 2.5 GPM automatic pressure compensation flow control
- · Assures soft, steady stream of water from 30 to 90 PSI
- · Integral flip top dust covers automatically release with flow of water
- · 1/4" IPS supply



#### **EW-SP90 Stainless Steel Receptor**

· Round 11" stainless steel receptor for model EW-7360B

#### EW-SP131 Cap

· Threaded cap for model EW-7501

#### **EW-SP140 8' Hose**

- · 250 PSI hose with chrome plated swivel fitting at one end for ease of operation
- · For model EW-8904

#### **EW-SP170** Safety Test Cards

- "Test This Week" cards with space to permanently record date and initials of inspector, to record weekly safety testing
- · Printed on waterproof stock, comes with beaded ties
- · Package of 25

#### **EW-SP225 Stainless Steel Push Flag**

- · Stainless steel push flag operates stay-open chrome plated brass ball eyewash valve
- · Stainless steel ball and stem
- · 1/4" NPT female inlet and 1/4" NPT female outlet

#### **EW-SP509 In-Line Mesh Strainer**

- · Fully serviceable 50 x 50 mesh strainer filters debris from reaching the eye or eye/face wash
- · 1/2" x 1/4" strainer, 90°
- · ½" slip-joint nut and washers (not shown) for connecting to combination shower and eyewash units
- · For model EW-7360B



Pre-Rinse Units • Faucets • Hose Reels • Glass Fillers



## **G-11** General Product Catalog Table of Contents



## **Equip Plumbing Products – I**

Equip Electronic Faucets 13		
NEW MODELS!		
Deck-Mount Electronic Faucets		
Wall-Mount Electronic Faucets		
Equip Pre-Rinse Units 14-8	3	
• 4" Deck-Mount Pre-Rinses	14	
Single Hole Deck-Mount Pre-Rinses	14 I5	
8" Wall-Mount Pre-Rinses	15 I6	
8" Deck-Mount Pre-Rinses	17	
Single Supply Deck-Mount Pre-Rinses	18	
Equip Faucets 19-2		
• Single Supply Deck-Mount Faucets	I9 I10-11	
4" Deck-Mount Workboard Faucets     4" Deck-Mount Faucets	110-11 112-13	
Single Hole Deck-Mount Faucets	112-13 114	
4" Wall-Mount Faucets	I14 I15	
Wall-Mount Faucets	I16-17	
8" Deck-Mount Faucets	I18-20	
Centerset Single Lever Deck-Mount	110 20	
Faucet	I21	
Equip Glass Fillers 121	-22	
• Wall-Mount and Deck-Mount	101.00	
Glass Fillers	I21-22	
Glass Filler/Water Station	I22	
Equip Hose Reels I23	-25	
Open Hose Reels/Parts	I23-25	
<ul> <li>Spray Valve and Water Gun Options</li> </ul>	I23, 25	
Equip Accessories 126	-28	
<ul> <li>Pre-Rinse Accessories, Handles, Inlet Kit</li> </ul>		
Add-On Faucets, Spray Valves, Water C		
Spray Valves, Spring, Hose, Cartridges	I26-27	
Swing Nozzles and Swivel and Rigid		
Goosenecks	128	

#### NOTE:

A comprehensive *Index By Model or Part Number* and Page can be found in the **G-11 General Product Catalog Master Index** section (IN).





## 5EF-1D-DG

#### **Electronic Faucet**

- Single hole deck-mount sensor faucet
- Rigid gooseneck with 2.2 GPM vandalresistant aerator
- AC or DC powered control module
- Temperature control mixing valve

#### 5EF-1D-DG-4DP

• Same as 5EF-1D-DG except with 4" center deckplate

#### 5EF-1D-DG-4DPWS

· Same as 5EF-1D-DG-4DP except with 1.5 GPM vandal-resistant aerator

#### 5EF-1D-DGSM

• Same as 5EF-1D-DG except with side mount mixing control and 10" wide deckplate

#### 5EF-1D-DG-TMV

· Same as 5EF-1D-DG except with thermostatic temperature control mixing valve with integral check valves

#### 5EF-1D-DG-VF05

· Same as 5EF-1D-DG except with 0.5 GPM vandal-resistant outlet device

## 5EF-1D-WG

#### **Electronic Faucet**

- Single hole wall-mount sensor faucet
- Rigid gooseneck with 2.2 GPM vandalresistant aerator
- AC or DC powered control module
- Temperature control mixing valve

#### 5EF-1D-WG-TMV

· Same as 5EF-1D-WG except with thermostatic temperature control mixing valve with integral check valves

#### 5EF-1D-WG-VF05

· Same as 5EF-1D-WG except with 0.5 GPM vandal-resistant outlet device

#### **Electronic Faucets Replacement Parts**

- 5EF-0001 Control module • 5EF-0002 AC transformer • 5EF-0003 Flat lens and sensor wire assembly • 5EF-0004 Convex lens and sensor wire assembly • 5EF-0005 Flexible supply hose for 3/8" compression stops • 5EF-0006 Electronic faucet mixing valve
- 5EF-FILTER Electronic faucet control module filter • 5EF-TMV Thermostatic mixing valve with 1/2" NPSM

male fittings

Phone: (800) 891-4808

### 5EF-1D-DS

#### **Electronic Faucet**

- Single hole deck-mount sensor faucet
- · Cast spout with 2.2 GPM vandal-
- resistant aerator
- AC or DC powered control module
- Temperature control mixing valve

#### 5EF-1D-DS-4DP

· Same as 5EF-1D-DS except with 6" wide deckplate

#### 5EF-1D-DS-TMV

· Same as 5EF-1D-DS except with thermostatic temperature control mixing valve with integral check valves

#### 5EF-1D-DS-VF05

· Same as 5EF-1D-DS except with 0.5 GPM vandal-resistant outlet device



5EF-1D-DS

5EF-2D-DS



5EF-1D-DG

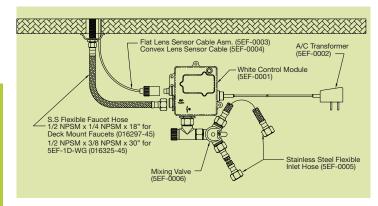
**NEW** 

5EF-1D-WG

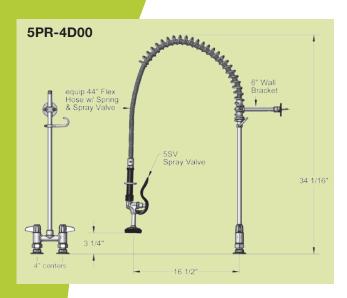
- **Electronic Faucet** • 4" centerset deck-mount sensor faucet
- · Cast spout with 2.2 GPM vandalresistant aerator

· Same as 5EF-2D-DS except with 0.5 GPM vandal-resistant outlet device





Fax: (800) 868-0084 Web: equip.tsbrass.com



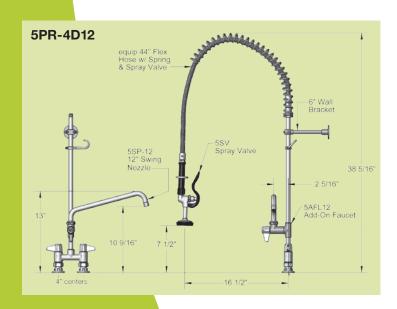
#### **5PR-4D00**

#### 4" Deck-Mount Pre-Rinse Unit

- 4" deck-mount mixing faucet
- In-line check valves
- Quarter-turn ceramic cartridges with lever handles and color coded screws
- 1/2" NPT eccentric flanged female inlets
- 44" flex hose with overhead spring
- 1.42 GPM spray valve
- Includes 6" wall bracket
- Available with add-on faucet:

Model No.: 5PR-4D12 Add-On Faucet with 12" swing nozzle 5PR-4D08 Add-On Faucet with 8" swing nozzle

Note: 1/2" NPT supply nipple kit (B-0425-M) sold separately

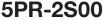










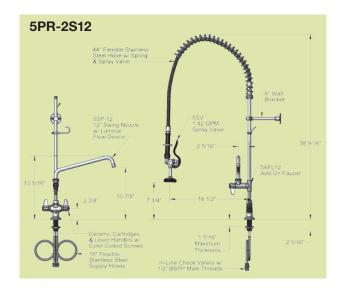


#### Single Hole Deck-Mount Pre-Rinse Unit

- · Single hole deck-mount mixing faucet
- In-line check valves
- · Quarter-turn ceramic cartridges with lever handles and color coded screws
- 18" flexible supply hoses with ½" BSPP male check valve inlets
- 44" flex hose with overhead spring
- 1.42 GPM spray valve
- Includes 6" wall bracket
- · Available with add-on faucet:

Model No.: 5PR-2S14 Add-On Faucet with 14" swing nozzle

5PR-2S12 Add-On Faucet with 12" swing nozzle 5PR-2S10 Add-On Faucet with 10" swing nozzle 5PR-2S08 Add-On Faucet with 8" swing nozzle 5PR-2S06 Add-On Faucet with 6" swing nozzle



#### 5PR-2S00-12WB **Pre-Rinse Unit**

• Same as 5PR-2S00 except with 12" wall bracket

#### 5PR-2S00-C **Pre-Rinse Unit**

• Same as 5PR-2S00 except with 1.2 GPM low-flow spray valve (5SV-C)

#### 5PR-2S12-C **Pre-Rinse Unit**

• Same as 5PR-2S12 except with 1.2 GPM low-flow spray valve (5SV-C)







#### 8" Wall-Mount Pre-Rinse Unit

- 8" wall-mount mixing faucet
- In-line check valves
- Quarter-turn ceramic cartridges with lever handles and color coded screws
- 1/2" NPT eccentric flanged female inlets
- 44" flex hose with overhead spring
- 1.42 GPM spray valve
- Includes 6" wall bracket
- Available with add-on faucet. Model No.:

5PR-8W18 Add-On Faucet with 18" swing nozzle 5PR-8W14 Add-On Faucet with 14" swing nozzle 5PR-8W12 Add-On Faucet with 12" swing nozzle 5PR-8W10 Add-On Faucet with 10" swing nozzle 5PR-8W08 Add-On Faucet with 8" swing nozzle 5PR-8W06 Add-On Faucet with 6" swing nozzle

Note: ½" NPT male elbow kit (B-0230-K) sold separately





Certified to NSF/ANSI 61/9

**EPAct 2005** Compliant

#### 5PR-8W00-C **Pre-Rinse Unit**

5PR-8W00

- Same as 5PR-8W00 except with 1.2 GPM low-flow spray valve (5SV-C)
- Available with add-on faucet:

Model No.:

5PR-8W12-C Add-On Faucet w/

12" swing nozzle

Add-On Faucet w/ 5PR-8W14-C

14" swing nozzle

#### **5PR-8WLS00 Pre-Rinse Unit**

- Same as 5PR-8W00 except with 1/2" NPT male elbow kit (B-0230-K)
- Also available:

Model No.:

5PR-8WWS00 4" Wrist-action handles 5PR-8WWS12

4" Wrist-action handles, add-on Faucet with

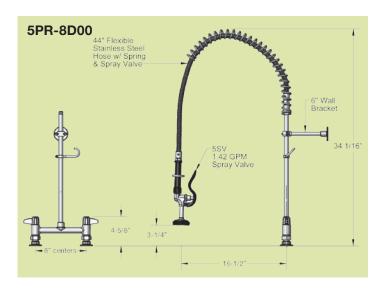
12" swing nozzle

#### **5PR-8WLS12 Pre-Rinse Unit**

· Same as 5PR-8WLS00 except with add-on faucet with 12" swing nozzle (5AFL12)

5PR-8W12





#### 5PR-8D00

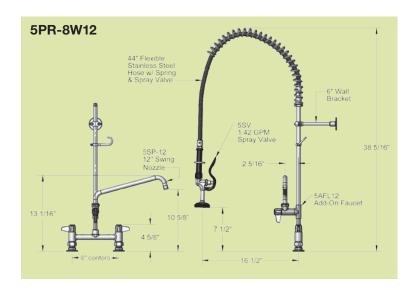
#### 8" Deck-Mount Pre-Rinse Unit

- 8" deck-mount mixing faucet
- In-line check valves
- Quarter-turn ceramic cartridges with lever handles and color coded screws
- 1/2" NPT eccentric flanged female inlets
- 44" flex hose with overhead spring
- 1.42 GPM spray valve
- Includes 6" wall bracket
- Available with add-on faucet:

Model No.: 5PR-8D14 Add-On Faucet with 14" swing nozzle 5PR-8D12 Add-On Faucet with 12" swing nozzle 5PR-8D10 Add-On Faucet with 10" swing nozzle 5PR-8D08 Add-On Faucet with 8" swing nozzle

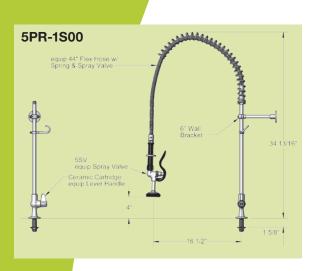
5PR-8D06 Add-On Faucet with 6" swing nozzle

Note: 1/2" NPT supply nipple kit (B-0425-M) sold separately











5PR-1S00





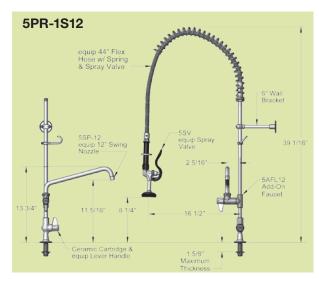
#### **5PR-1**S00 Single Supply Deck-Mount Pre-Rinse Unit

- Single hole, single temperature deck-mount faucet
- In-line check valve
- Quarter-turn ceramic cartridge with lever handle and color coded screw
- ½" NPSM male inlet
- 44" flex hose with overhead spring
- 1.42 GPM spray valve
- Includes 6" wall bracket
- Available with add-on faucet:

Model No.: 5PR-1S18 Add-On Faucet with 18" swing nozzle 5PR-1S14 Add-On Faucet with 14" swing nozzle 5PR-1S12 Add-On Faucet with 12" swing nozzle 5PR-1S10 Add-On Faucet with 10" swing nozzle 5PR-1S08 8" Add-On Faucet with 8" swing nozzle 5PR-1S06 6" Add-On Faucet with 6" swing nozzle

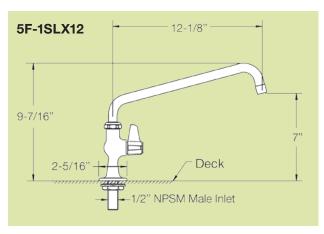
#### 5PR-1S00-60 Single Supply Deck-Mount Pre-Rinse Unit

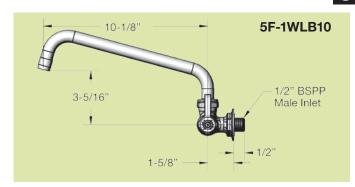
 Same as 5PR-1S00 except with 60" stainless steel hose











#### 5F-1SLX12

#### **Single Supply Deck-Mount Faucet**

- · Single hole, single temperature deck-mount faucet
- 12" swing nozzle with laminar flow device
- Converts to rigid from swivel with lock washer (014200-45)
- Quarter-turn ceramic cartridge with lever handle and color coded screw
- 1/2" NPSM male inlet
- Also available with other length swivel nozzles:

Model No.: 5F-1SLX18 18" swing nozzle 5F-1SLX14 14" swing nozzle 5F-1SLX10 10" swing nozzle 5F-1SLX08 8" swing nozzle 5F-1SLX06 6" swing nozzle

#### 5F-1SLX05 Single Supply Deck-Mount Faucet with 5½" Swivel Gooseneck

• Same as 5F-1SLX12 except with 51/2" swivel gooseneck

5F-1SLX00 Less swing nozzle

• 14-13/16" height; 9-9/16" clearance

#### 5F-1SLX03 Single Supply Deck-Mount Faucet with 3" Rigid Gooseneck

- Same as 5F-1SLX12 except with 3" rigid gooseneck
- 12-11/16" height; 9" clearance

#### 5F-1WLB10

#### **Single Supply Wall-Mount Faucet**

- Single hole, single temperature wall-mount faucet
- 10" swing nozzle with laminar flow device
- Converts to rigid from swivel with lock washer (014200-45)
- Ceramic cartridges with lever handles and color coded screws
- 1/2" BSPP male inlet
- Also available with other length swivel nozzles: Model No.: 5F-1WLB00 Less swing nozzle

Phone: (800) 891-4808

#### 5F-1WLB05C Single Supply Wall-Mount Faucet

- Same as 1WLB10 except with 5-13/16" swivel gooseneck
- 10-5/16" height; 6-1/4" clearance

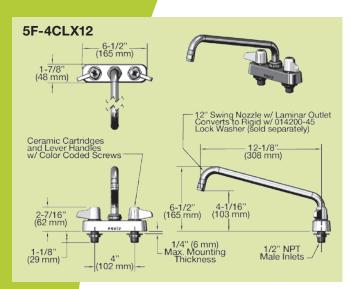




Certified to NSF/ANSI 61/9



Fax: (800) 868-0084 Web: equip.tsbrass.com





#### **5F-4CLX12**

#### 4" Deck-Mount Workboard Faucet

- 4" deck-mount mixing faucet
- 12" swing nozzle with laminar flow device
- Quarter-turn ceramic cartridges with lever handles and color coded screws
- Also available with other length swing nozzles:

Model No.: 5F-4CLX10 10" swing nozzle

5F-4CLX08 8" swing nozzle

**5F-4CLX06** 6" swing nozzle

5F-4CLX00 Less swing nozzle

Note: Converts to rigid with (014200-45) lock washer (sold separately)

#### **5F-4CLX**05

## 4" Deck-Mount Workboard Faucet with 5½" Swivel Gooseneck

- Same as 5F-4CLX12 except with 5½" swivel gooseneck
- 11-7/8" height; 6-5/8" clearance

#### 5F-4CLX03A

## 4" Deck-Mount Workboard Faucet with 3" Swivel Gooseneck

- Same as 5F-4CLX12 except with 3" swivel gooseneck with 2.2 GPM aerator
- 10" height; 6-3/16" clearance



#### NOTE:

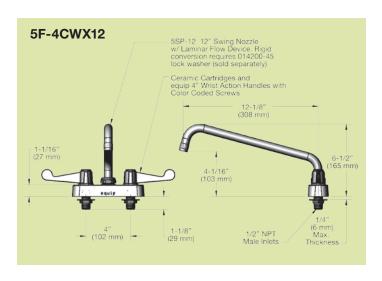
Faucets on this page with lever handles ("L") are also available with 4" wrist-action handles ("W"). Order ex.: 5F-4C<u>W</u>X12

See page I11 for a complete list of these wrist-action handle models.

Certified to NSF/ANSI 61/9

1/4" (6 mm) Max. Thickness









5F-4CWX12

equip

5F-4CWX00

#### 5F-4CWX12

#### 4" Deck-Mount Workboard Faucet

- 4" deck-mount mixing faucet
- 12" swing nozzle with laminar flow device
- Ceramic cartridges with 4" wrist-action handles with color coded screws
- 1/2" NPT male inlets
- · Also available with other length swing nozzles:

Model No.: 5F-4CWX10 10" swing nozzle

5F-4CWX08 8" swing nozzle 5F-4CWX06 6" swing nozzle 5F-4CWX00 Less swing nozzle

Note: Converts to rigid with (014200-45) lock washer (sold separately)

#### 5F-4CWX05

## 4" Deck-Mount Workboard Faucet with 5½" Swivel Gooseneck

- Same as 5F-4CLX12 except with 5 ½" swivel gooseneck with laminar outlet
- 11-7/8" height; 6-5/8" clearance

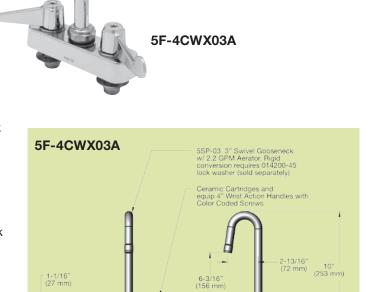
#### 5F-4CWX05A

## 4" Deck-Mount Workboard Faucet with 5½" Swivel Gooseneck

 Same as 5F-4CWX05 except with 5½" swivel gooseneck and 2.2 GPM aerator

#### 5F-4CWX03A 4" Deck-Mount Workboard Faucet

- with 3" Swivel Gooseneck
  Same as 5F-4CWX05A except with 3" swivel gooseneck with 2.2 GPM aerator
- 10" height; 6-3/16" clearance



1/2" NPT Male Inlets

- (102 mm) -

Certified to NSF/ANSI 61/9





- 4" deck-mount mixing faucet
- 12" swing nozzle with laminar flow device
- Ceramic cartridges with lever handles with color coded screws
- 1/2" NPT eccentric flanged female inlets
- ½" NPT supply nipple kit included (B-0425-M)
- Also available with other length swing nozzles:

Model No.: 5F-4DLS14 14" swing nozzle 5F-4DLS12 12" swing nozzle 5F-4DLS10 10" swing nozzle 5F-4DLS08 8" swing nozzle 5F-4DLS06 6" swing nozzle 5F-4DLS00 Less swing nozzle

#### 5F-4DLS09 4" Deck-Mount Faucet with 9" Swivel Gooseneck

- Same as 5F-4DLS12 except with 9" swivel gooseneck
- 16-15/16" height; 9-15/16" clearance

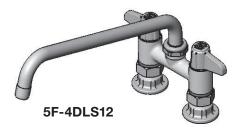
#### 5F-4DLS05 4" Deck-Mount Faucet with 5½" Swivel Gooseneck

- Same as 5F-4DLS12 except with 51/2" swivel gooseneck
- 14" height; 8¾" clearance

#### 5F-4DLS03 4" Deck-Mount Faucet with 3" Rigid Gooseneck

- Same as 5F-4DLS12 except with 3" rigid gooseneck
- 11-7/8" height; 8-3/16" clearance

Certified to NSF/ANSI 61/9









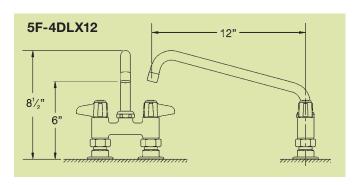




Phone: (800) 891-4808 Fax: (800) 868-0084

Web: equip.tsbrass.com







5F-4DLX05

#### 5F-4DLX12

#### 4" Deck-Mount Faucet

- 4" deck-mount mixing faucet
- 12" swing nozzle with laminar flow device
- Quarter-turn ceramic cartridges with lever handles and color coded screws
- 1/2" NPT eccentric flanged inlets
- Also available with other length swing nozzles:

Model No.: 5F-4DLX14 14" swing nozzle
5F-4DLX10 10" swing nozzle
5F-4DLX08 8" swing nozzle
5F-4DLX06 6" swing nozzle
5F-4DLX05 5½" swivel gooseneck
5F-4DLX03 3" rigid gooseneck
5F-4DLX00 Less swing nozzle

Note: Converts to rigid with (014200-45) lock washer (sold separately) and ½" NPT supply nipple kit (B-0425-M) sold separately



#### 4" Deck-Mount Faucet

- 4" deck-mount mixing faucet
- 12" swing nozzle with laminar flow device
- Quarter-turn ceramic cartridges with 4" wrist action handles and color coded screws
- $\frac{1}{2}$ " NPT supply nipple kit (B-0425-M)
- Also available with other length spouts:

Model No.: 5F-4DWS14 14" swing nozzle 5F-4DWS10 10" swing nozzle 5F-4DWS09 9" swing gooseneck 5F-4DWS08 8" swing nozzle 5F-4DWS06 6" swing nozzle

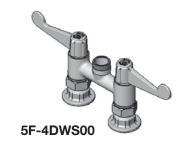
5F-4DWS05 5½" swivel gooseneck 5F-4DWS03 3" rigid gooseneck

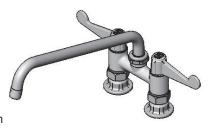
5F-4DWS00 Less swing nozzle and wrist action

handles (shown right)

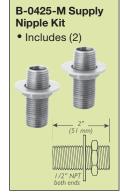
#### NOTE:

Faucets on this page with lever handles ("L") are also available with 4" wrist-action handles ("W"). Order ex.: 5F-4DWX12





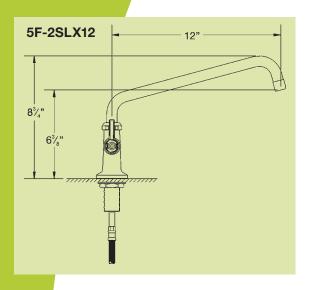




5F-4DLX03

Certified to NSF/ANSI 61/9





#### 5F-2SLX12

#### **Single Hole Deck-Mount Faucet**

- Single hole deck-mount faucet
- 12" swing nozzle with laminar flow device
- Ceramic cartridge with lever handles with color coded screws
- 18" flexible supply hoses with 1/2" compression fittings
- Also available with other length swing nozzles:

Model No.: 5F-2SLX18 18" swing nozzle
5F-2SLX14 14" swing nozzle
5F-2SLX10 10" swing nozzle
5F-2SLX08 8" swing nozzle
5F-2SLX06 6" swing nozzle

5F-2SLX00 Less swing nozzle

## 5F-2SLX05 Single Hole Deck-Mount Faucet with 5½" Swivel Gooseneck

- Same as 5F-2SLX12 except with 5½" swivel gooseneck
- 14-1/4" height; 9" clearance

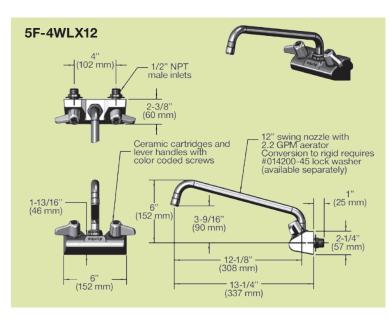
## 5F-2SLX03 Single Hole Deck-Mount Faucet with 3" Rigid Gooseneck

- Same as 5F-2SLX12 except with 3" rigid gooseneck
- 12-3/16" height; 8-7/16" clearance

Certified to NSF/ANSI 61/9









#### 5F-4WWX00

#### 5F-4WLX12

#### 4" Wall-Mount Faucet

- 4" wall-mount mixing faucet
- Quarter-turn ceramic cartridges with lever handles and color coded screws
- 12" swing nozzle with 2.2 GPM aerator
- 1/2" NPT male inlets
- Also available with other length swing nozzles:

Model No.: 5F-4WLX10 10" swing nozzle
5F-4WLX08 8" swing nozzle
5F-4WLX06 6" swing nozzle
5F-4WLX00 Less swing nozzle
5F-4WWX00 Less nozzle w/ 4"
wrist-action handles

Note: Converts to rigid with (014200-45) lock washer (sold separately)

#### 5F-4WLX05 4" Wall-Mount Faucet (right)

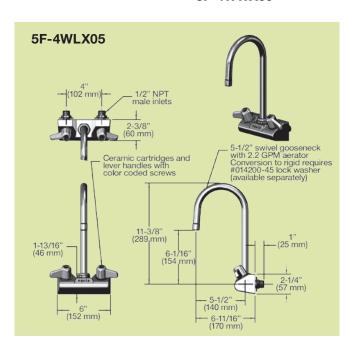
 Same as 5F-4WLX12 except with 5½" swivel gooseneck

#### 5F-4WLX03 4" Wall-Mount Faucet (photo)

- Same as 5F-4WLX12 except with 3" swivel gooseneck
- 9-1/2" height; 5-11/16" clearance

#### 5F-4WLX03-VF05 4" Wall-Mount Faucet

- Same as 5F-4WLX03 except with 0.5 GPM vandalresistant non-aerated outlet device
- · Includes vandal-resistant key
- 9-1/2" height; 5-11/16" clearance

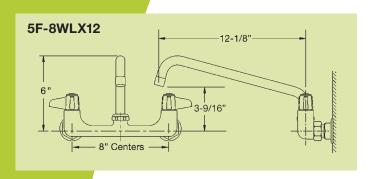


#### Certified to NSF/ANSI 61/9

#### NOTE:

Faucets on this page with lever handles ("L") are also available with 4" wrist-action handles ("W"). Order ex.: 5F-4WWX12







## **5F-8WLX12**

#### 8" Wall-Mount Faucet

- 8" wall-mount mixing faucet
- 12" swing nozzle with laminar flow device
- Quarter-turn ceramic cartridges with lever handles with color coded screws
- ½" NPT eccentric flanged female inlets
- 1/2" NPT male elbow kit (B-0230-K) sold separately

Also av	ailab	le with other lengt	h swing nozzles:
Model	No.:	5F-8WLX18	18" swing nozzle
		5F-8WLX16	16" swing nozzle
		5F-8WLX14	14" swing nozzle
		5F-8WLS12*	12" swing nozzle
		5F-8WLX10	10" swing nozzle
		5F-8WLX08	8" swing nozzle
		5F-8WLX06	6" swing nozzle
		5F-8WLS06*	6" swing nozzle
		5F-8WLX00	Less swing nozzle
		5F-8WLX00-EE	Less swing nozzle
			and with 00EE inlets



<sup>\*</sup> These models include a 1/2" NPT male elbow kit (B-0230-K)

Note: Rigid conversion requires lock washer (014200-45) sold separately

#### 5F-8WLX05

#### 8" Wall-Mount Faucet with 5½" Swivel Gooseneck

- Same as 5F-8WLX12 except with 5½" swivel gooseneck
- 11-3/8" height

#### 5F-8WLX03

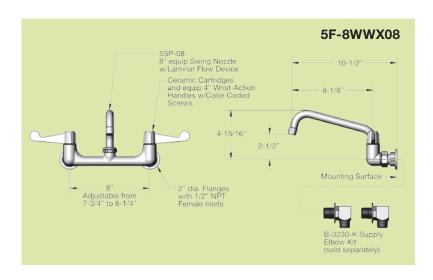
#### 8" Wall-Mount Faucet with 3" Rigid Gooseneck

- Same as 5F-8WLX12 except with 3" rigid gooseneck
- 91/4" height

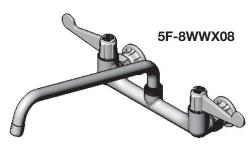


Certified to NSF/ANSI 61/9









#### 5F-8WWX08

#### 8" Wall-Mount Faucet

- 8" wall-mount mixing faucet
- 8" swing nozzle with laminar flow device
- Ceramic cartridges with 4" wrist-action handles with color coded screws
- 1/2" NPT eccentric flanged female inlets
- 1/2" NPT male elbow kit (B-0230-K) sold separately

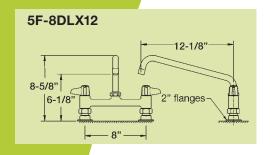
**Note:** Rigid conversion requires lock washer (014200-45) sold separately

#### 5F-8WWX00 8" Wall-Mount Faucet

- Same as 5F-8WWX08 except less swing nozzle
- 3" height



Certified to NSF/ANSI 61/9



5F-8DLX03



5F-8DLX05

#### 5F-8DLX12

#### 8" Deck-Mount Faucet

- 8" deck-mount mixing faucet
- 12" swing nozzle with laminar flow device
- Quarter-turn ceramic cartridges with lever handles with color coded screws
- 1/2" NPT eccentric flanged female inlets
- Also available with other length swing nozzles:

Model No.: 5F-8DLX18 18" swing nozzle 5F-8DLX16 16" swing nozzle 5F-8DLX14 14" swing nozzle 5F-8DLX10 10" swing nozzle 5F-8DLX08 8" swing nozzle 5F-8DLX06 6" swing nozzle 5F-8DLX00 Less swing nozzle

Note: Convert to rigid from swivel with lock washer (014200-45) sold separately; Supply nipple kit (B-0425-M) for installation sold separately

#### **5F-8DLX05**

#### 8" Deck-Mount Faucet with 5½" Swivel Gooseneck

- Same as 5F-8DLX12 except with 5½" swivel gooseneck
- 14" height; 8-11/16" clearance

#### 5F-8DLX03

#### 8" Deck-Mount Faucet with 3" Rigid Gooseneck

- Same as 5F-8DLX12 except with 3" rigid gooseneck
- 11-7/8" height; 8-3/16" clearance

### **5F-8DWX12**

#### 8" Deck-Mount Faucet • 8" deck-mount mixing faucet

- 12" swing nozzle with laminar flow device
- Quarter-turn ceramic cartridges with 4" wrist-action handles with color coded screws
- 1/2" NPT eccentric flanged female inlets
- Also available with other length swing spouts:

Model No.: 5F-4DWX10 10" swing nozzle 5F-4DWX08 8" swing nozzle 5F-4DWX00 Less swing nozzle

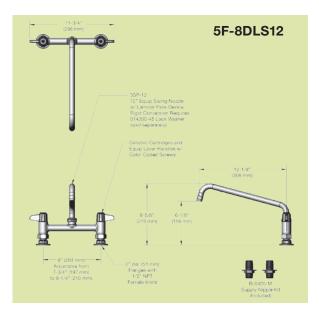
Note: Convert to rigid from swivel with lock washer (014200-45) sold separately; Supply nipple kit (B-0425-M) for installation sold separately



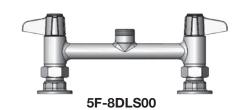
Faucets on this page with lever handles ("L") are also available with 4" wrist-action handles ("W"). Order ex.: 5F-4DWX12

Certified to NSF/ANSI 61/9









B-0425-M Supply Nipple Kit

• Includes (2)

#### 5F-8DLS12

#### 8" Deck-Mount Faucet

- 8" deck-mount mixing faucet
- 12" swing nozzle with laminar flow device
- Ceramic cartridges with lever handles with color coded screws
- 1/2" NPT eccentric flanged female inlets
- Includes ½" NPT supply nipple kit (B-0425-M)
- Also available with other length swing nozzles:

Model No.: 5F-8DLS14 14" swing nozzle

5F-8DLS12 12" swing nozzle 5F-8DLS10 10" swing nozzle

5F-8DLS08 8" swing nozzle 5F-8DLS06 6" swing nozzle

5F-8DLS00 Less swing nozzle



#### 5F-8DLS09

#### 8" Deck-Mount Faucet with 9" Swivel Gooseneck

- Same as 5F-8DLS12 except with 9" swivel gooseneck
- 16-15/16" height; 9-15/16" clearance

#### 5F-8DLS05

#### 8" Deck-Mount Faucet with 51/2" Swivel Gooseneck

- Same as 5F-8DLS12 except with 51/2" swivel gooseneck
- 14" height; 8-3/4" clearance

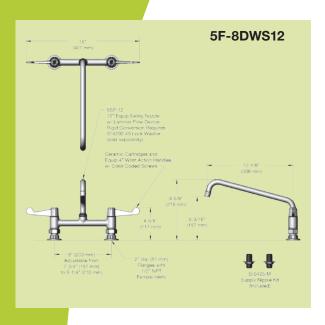
#### 5F-8DLS03

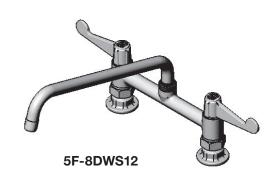
#### 8" Deck-Mount Faucet with 3" Rigid Gooseneck

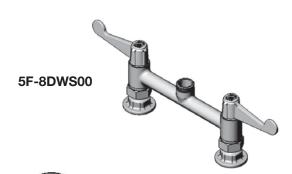
- Same as 5F-8DLS12 except with 3" rigid gooseneck
- 11-7/8" height; 8-3/16" clearance



Certified to NSF/ANSI 61/9







#### **5F-8DWS12**

#### 8" Deck-Mount Faucet

- 8" deck-mount mixing faucet
- 12" swing nozzle with laminar flow device
- Quarter-turn ceramic cartridges and 4" wrist-action handles with color coded screws
- 1/2" NPT eccentric flanged female inlets
- Includes ½" NPT supply nipple kit (B-0425-M)
- Also available with other length swing nozzles:

Model No.: 5F-8DWS14 14" swing nozzle

5F-8DWS10 10" swing nozzle

5F-8DWS08 8" swing nozzle

**5F-8WSX06** 6" swing nozzle

5F-8DWS00 Less swing nozzle

Note: Convert to rigid from swivel with lock washer (014200-45) sold separately

#### **5F-8DW\$**09

#### 8" Deck-Mount Faucet with 9" Swivel Gooseneck

- Same as 5F-8DWS12 except with 9" swivel gooseneck
- 16-15/16" height; 9-15/16" clearance

#### 5F-8DWS05

#### 8" Deck-Mount Faucet with 51/2" Swivel Gooseneck

- Same as 5F-8DWS12 except with 5½" swivel gooseneck
- 14" height; 8-11/16" clearance

#### 5F-8DWS03

#### 8" Deck-Mount Faucet with 3" Rigid Gooseneck

- Same as 5F-8DWS12 except with 3" rigid gooseneck
- 11-7/8" height; 8-3/16" clearance





Certified to NSF/ANSI 61/9

5F-8DWS03



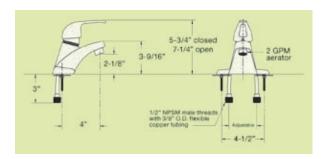
#### 5SL-1000

#### 4" Centerset Single Lever Faucet

- · 4" centers
- 1/2" NPSM inlets with 3/8" O.D. flexible copper tubing
- 2.0 GPM aerator
- Single lever cartridge replacement -(015232-45)



5SL-1000







#### 5GF-W-F **Wall-Mount Glass Filler**

#### • Push back arm design

- 3/8" NPT female inlet
- 2" diameter adjustable slip flange
- Blue self-closing Lexan arm
- Blue Lexan outlet
- · Volume control adjustable with screwdriver

## 5GF-W

#### **Wall-Mount Glass Filler**

- · Push back arm design
- 3/8" NPT male inlet
- Blue self-closing Lexan arm
- Blue Lexan outlet
- · Volume control adjustable with screwdriver





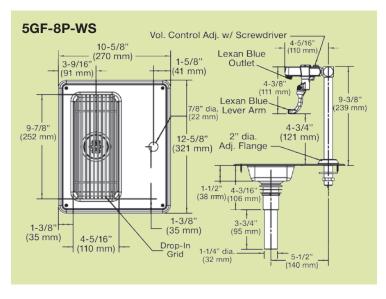
### 5GF-RK

#### Glass Filler Repair Kit (not shown)

Replacement parts kit includes:

- (2) Springs
- (2) Stem packings • (2) Outlet washers
- (1) Handle screw
- (1) Outlet tip
- (1) Handle nut
- (2) Seat washers
- (1) Lever arm
- (2) 'O'-rings
- (1) Silicon grease tube
- (2) Bonnet washers





#### **5G**F-8P

#### **Pedestal Deck-Mount Glass Filler**

- 8" pedestal height (from deck to outlet)
- Push back design
- 1/2" NPT male inlet
- 2" diameter adjustable flange
- Blue self-closing Lexan arm
- Blue Lexan outlet
- Volume control adjustable with screwdriver

### **5GF**-12P

#### Pedestal Deck-Mount Glass Filler

Same as 5GF-8P except with 12" pedestal height

## 5GF-16P Pedestal Deck-Mount Glass Filler

Same as 5GF-8P except with 16" pedestal height

### 5GF-8P-WS

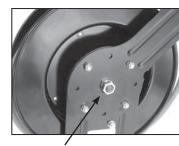
#### **Glass Filler Water Station**

- 8" pedestal glass filler with retro design
- Push back design
- 18 gauge stainless steel drip pan
- 11/4" drain
- 1/2" NPT male inlet
- 2" diameter adjustable flange
- Blue self-closing Lexan arm
- Blue Lexan outlet
- Volume control adjustable with screwdriver
- Stainless steel screws for mounting included
- Suggested drip pan cut-out: 101/2" x 5"

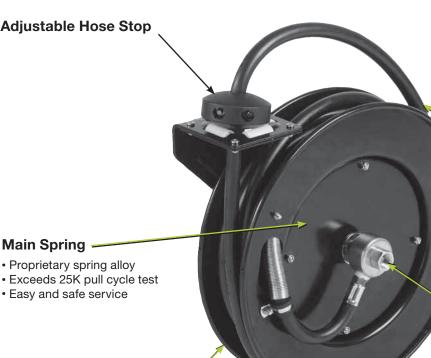




## 5HR-232, 5HR-242 and 5HR-342 **Open Hose Reels FEATURES:**



#### **Adjustable Hose Stop**



#### **Guide Arm**

- 4-position orientation
- Mounted independently
- · Easily adjustable
- Thick steel structure
- Extra ribs for strength

#### Hose

- 3/8" male end
- 3/8" I.D. EPDM tube
- · Reinforced wear-resistant black cover
- 35' and 50' hose lengths
- 300 PSI max.
- 176°F maximum temperature

#### **Reel and Base**

Main Spring

Proprietary spring alloy

· Easy and safe service

- Powder coated steel
- Thick steel structure
- Extra ribs for strength

#### **Heavy-Duty Brass Swivel**

- Outboard of reel
- 3/8" NPT female inlet
- · Easy 'O'-Ring service
- 'O'-Ring: Buna-N nitrile and two nylon wearing rings
- Standard on -GH models:

3' long 3/8" NPT male x garden hose female connector hose

#### 5SV-H **High Flow Spray Valve**

- For washdown applications; not intended for use with pre-rinse units (does not include handle)
- Add "-01" to models to include spray valve with handle
- 3/4-14 inlet
- EPAct 2005 Non-compliant
- Also available: 5SV-H-RK 5SV-WH

Sprayface repair kit High flow spray valve



#### 5WG-1000-01 **Water Gun**

- · Water gun with lockable trigger and adjustable spray nozzle
- Includes quick-disconnect with 3/4" garden hose female inlet
- 1/2" NPSM female and 3/8" NPT female adapters



## **Open Hose Reels**

- 3/8" and 1/2" NPT connections
- · Replacement parts

5HR-232, 5HR-242 and 5HR-342

• Optional spray valve models available

## 5HR-232, 5HR-242 and 5HR-342

#### **Open Hose Reels**

- · Black epoxy coated steel
- 35' and 50' hose lengths
- 3/8" I.D. hose
- Hose is rated at 300 PSI with a maximum temperature of 176°F
- 3/8" NPT male outlet on hose
- 3/8" NPT female inlet in reel

#### **Hose Reel Model Options**

5HR-232 Models:	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		
• 5HR-232	Hose Reel with 35' hose length		
• 5HR-232-01	Includes <b>5SV-WH</b> Spray Valve		
• 5HR-232-09	Includes 5WG-1000-01 Water Gun		
• 5HR-232-12	Includes EMV-0522-24 Front Trigger Water Gun		
• 5HR-232-GH Includes 3 ft. long 3/8" NPT male x 3/4" garden hose female connector hose			
• 5HR-232-01-GH	Includes <b>5SV-WH</b> Spray Valve and 3 ft. long 3/8" NPT male x 3/4" garden hose female connector hose		
5HR-242 Models:			
• 5HR-242	Hose Reel with 50' hose length		
• 5HR-242-01	Includes <b>5SV-WH</b> Spray Valve		
• 5HR-242-09	Includes <b>5WG-1000-01</b> Water Gun		
• 5HR-242-12	Includes EMV-0522-24 Front Trigger Water Gun		
• 5HR-242-GH	Includes 3 ft. long 3/8" NPT male x 3/4" garden hose female connector hose		
• 5HR-242-01-GH	Includes <b>5SV-WH</b> Spray Valve and 3 ft. long 3/8" NPT male x 3/4" garden hose female connector hose		
5HR-342 Models:			
• 5HR-342-01-GH	1/2" x 50' Hose with <b>5SV-WH</b> Spray Valve and 3 ft. long 1/2" NPT male x 3/4" garden hose female connector hose		
• 5HR-342-09-GH	1/2" x 50' Hose with <b>5WG-1000-01</b> Spray Valve and 3 ft. long 1/2" NPT male x 3/4" garden hose female connector hose		
• 5HR-342-GH	1/2" x 50' Hose with 3 ft. long 1/2" NPT male x 3/4" garden hose female connector hose		

#### **Hose Reel Assembly Replacement Parts**

Description	35' Open Reel	50' Open Reel	
Spring Assembly	G016682-45	G016684-45	
Complete Swivel Asy.	5HR-2SA	5HR-2SA	
Seal Kit	014948-45	014948-45	
Hose Assembly	5HR-2HSE-35	5HR-2HSE-50	

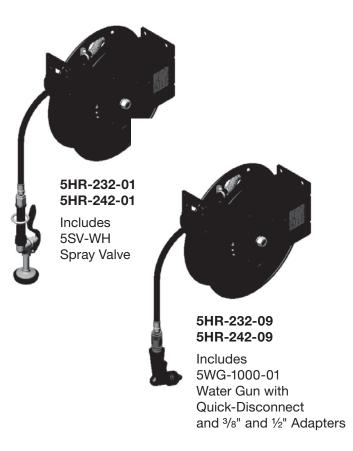


#### 5HR-232 and 5HR-242 Hose Reel Models

## 5HR-232

#### **Hose Reels**

- · Black powder coated steel
- 3/8" x 35' hose
- Stainless steel shaft and brass swivel with 3/8" NPT female inlet (left side of reel)
- Includes mounting bracket with holes and slots

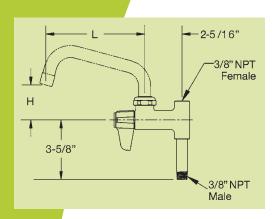


#### **Spray Outlet Options**



#### 5HR-242 Hose Reels

- Black powder coated steel
- 3/8" x 50' hose
- Stainless steel shaft and brass swivel with 3/8" NPT female inlet (left side of reel)
- Includes mounting bracket with holes and slots



## Add-On Faucets with Swing Nozzles in various lengths

- For pre-rinse units
- 3/8" NPT female outlet, 3/8" NPT male inlet
- · Model No.:

5AFL18 18" Swing nozzle and laminar flow device 16" Swing nozzle and laminar flow device 14" Swing nozzle and laminar flow device 12" Swing nozzle and laminar flow device 10" Swing nozzle and laminar flow device 5AFL08 8" Swing nozzle and laminar flow device 5AFL06 6" Swing nozzle and laminar flow device 5AFL00 Faucet less nozzle

Certified to NSF/ANSI 61/9





Model No.	Description	"H" Inches	"L" Inches
5AFL00	No nozzle	N/A	N/A
5AFL06	6" nozzle	2-3/16"	6-1/8"
5AFL08	8" nozzle	2-3/4"	8-1/8"
5AFL10	10" nozzle	3-1/4"	10-1/8"
5AFL12	12" nozzle	3-3/4"	12-1/8"
5AFL14	14" nozzle	4-3/8"	14-1/8"
5AFL16	16" nozzle	4-7/8"	16-1/8"
5AFL18 18" nozzle		5-3/8"	18-1/8"

#### 5HR-HDL Hose Reel Grip Handle Assembly

- Black handle assembly with ½" NPSM inlet
- Attaches to 5SV-H high flow spray valve
- Includes washer



#### 5HR-2SA Swivel Assembly

 3/8" NPT swivel assembly with stainless steel inlet and brass swivel outlet



#### Ceramic Cartridge Assembly

- Quarter-turn
- Hot Cartridge: 013787-45
- Cold Cartridge: 013788-45



#### 5-HDL-W 4" Wrist Action Handle Kit

 Includes one handle and two color coded screws (hot and cold)



## **5F-VF05** Vandal Resis

#### Vandal Resistant Non-Aerated Spray Device

- Water-saving 0.5 GPM flow
- 3/4-27UN female thread
- Can be substituted on any Equip faucet
- Includes vandal resistant key



#### 5-HDL-L Lever Handle Kit

 Includes one handle and two color coded screws (hot and cold)



Phone: (800) 891-4808

#### B-0425-M Deck Mount Inlet Kit

- ½" NPT on both ends of 2" long nipples (2)
- Includes lock nuts and lock washers



Fax: (800) 868-0084

## B-0230-K Wall Mount Inlet Kit

- ½" NPT close nipples, lock nuts and washers
- 1/2" NPT male and female short el
- Includes (2)



Web: equip.tsbrass.com

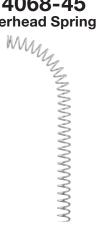


#### 000369-40

#### Riser

- 3/8" NPT ends
- 18" long
- Pre-rinse riser

#### 014068-45 **Overhead Spring**



#### **5HSE44 Stainless Steel Hose**

- 44" length
- · Flexible stainless steel outer cover
- Rubber inner hose
- Includes (2) washers and grip handle
- Other hose lengths available:

**5HSE68 5HSE84 5HSE96** 

68" hose 84" hose 96" hose

#### **5HR-2HSE-35 Black Hose Assembly**

- 35' black hose
- · Max. pressure: 300 PSI
- · Max. temp.: 176°F
- Stainless steel spring protector
- 3/8" NPT both ends

5WG-1000-01

• With 3/4" garden hose female

quick-disconnect, and 1/2" and 3/8"

**Water Gun** 

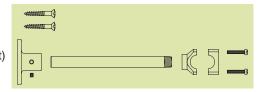
adapters

· Also available: 5HR-2HSE-50 50' black hose



#### 013716-40 6" Wall Bracket

(shown, right)



#### **5SV**

#### Spray Valve for All Pre-Rinse Units

- 3/4-14 inlet
- EPAct 2005 Compliant
- 1.42 GPM at 60 PSI
- Does not include handle
- Also available:

5SV-B Spray valve bonnet assembly SV-RK Spray valve repair kit

(includes bumper ring, spray face and screw)

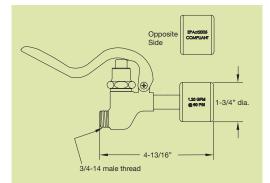


## 5SV-C

## **Low Flow Spray Valve**

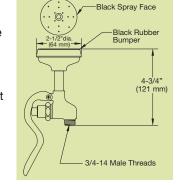
- for All Pre-Rinse Units
- 1.2 GPM at 60 PSI
- Does not include handle





#### 5SV-H **High Flow Spray Valve**

- Not intended for warewashing
- Does not include handle
- EPAct 2005 Non-compliant



#### 5SV-WH Spray Valve, Handle and Ring

- · Same as 5SV-H spray valve except includes handle and ring
- EPAct 2005 Non-compliant

Phone: (800) 891-4808

Fax: (800) 868-0084 Web: equip.tsbrass.com





#### STANDARD - Goosenecks/Nozzles

#### **Swing Nozzles**

- 3/4-27 Laminar outlet
- Available:

5SP-18	18" swing nozzle
5SP-16	16" swing nozzle
5SP-14	14" swing nozzle
5SP-12	12" swing nozzle
5SP-10	10" swing nozzle
5SP-08	8" swing nozzle
5SP-06	6" swing nozzle



Certified to NSF/ANSI 61/9

#### **5SP-03** 3" Rigid Gooseneck

- 3/4-27 Laminar outlet
- 5" clearance
- 8-3/4" height



## **5SP-05**Swivel Gooseneck

- 3/4-27 Laminar outlet
- 5-3/4" clearance
- 11-1/16" height



#### **OPTIONS - Goosenecks/Nozzles**

#### 5SP-03A 3" Swivel Gooseneck

- 3/4-27 2.2 GPM aerator outlet
- 5-5/16" clearance
- 9-1/8" height



## **5SP-08A** 8" Swing Nozzle

- 3/4-27 2.2 GPM aerator outlet
- 4-5/8" height



#### 5SP-05A 5½" Swivel Gooseneck

- 3/4-27 2.2 GPM aerator outlet
- 5-3/4" clearance
- 11-1/16" height



## **5SP-10A** 10" Swing Nozzle

- 3/4-27 2.2 GPM aerator outlet
- 5-1/8" height



## **5SP-06A** 6" Swing Nozzle

- 3/4-27 2.2 GPM aerator outlet
- 4-1/16" height



## **5SP-12A** 12" Swing Nozzle

- 3/4-27 2.2 GPM aerator outlet
- 5-11/16" height



Certified to NSF/ANSI 61/9

Phone: (800) 891-4808 Fax: (800) 868-0084 Web: equip.tsbrass.com

## **Pet-Care Plumbing Products**



## **T&S Brass Pet-Care** Plumbing Specialty Products

For Grooming Pets and Cleaning/Sanitizing Cages, Kennels & Stables



## T&S Quality Pet-Care Plumbing Products



#### Wash and Rinse Products



#### PG-4DREV Lighweight Aluminum Spray Unit

- 4" (102 mm) deck-mount faucet (B-0326-LN)
- 1/2" NPT female eccentric flanged inlets (00AA)
- Vacuum breaker outlet
- 9 ft. coiled hose and aluminum spray valve
- Lightweight spray valve for easy, all-day use
- Wall hook

**PG-1DREV** Same as PG-4DREV except single hole single temperature deck mount faucet with vacuum breaker

PG-8DREV Same as PG-4DREV except with 8" centers



Replacement Parts
Model # Description
EB-10K Repair Kit
013539-45 Replacement Hose
PG-35AV Aluminum Valve

#### PG-35AV-CH Coiled Hose and Spray Valve

- Lightweight aluminum handle with rubber grip and hold down clip
- 1/4" NPT male inlet
- Coiled polyurethane hose with maximum stretching length of 9 ft.

PG-35AV-CH01 Same as PG-35AV-CH except with 3/4" female garden hose inlet (PG-0001)

PG-35AV-CH02 Same as PG-35AV-CH except with 3/8" NPT female inlet (PG-0002)

PG-35AV-CH03 Same as PG-35AV-CH except with 1/2" NPT female inlet (PG-0003)

PG-35AV-CH05 Same as PG-35AV-CH except with 3/4" x 14 female inlet (052A)



#### PG-8WREV Lighweight Aluminum Spray Unit

- 8" (203 mm) wall-mount faucet
- ½" NPT female eccentric flanged inlets (00AA)
- Vacuum breaker outlet
- 9 ft. coiled hose and aluminum spray valve
- · Lightweight spray valve for easy, all-day use
- Wall hook



#### PG-8WSAV-08 Lighweight Aluminum Spray Unit

- 8" (203 mm) wall-mount faucet
- 1/2" NPT female eccentric flanged inlets (00AA)
- Vacuum breaker
- 9 ft. coiled hose and aluminum spray valve
- Swivel adapter
- Add-on faucet with 8" swing nozzle and stream regulator outlet
- Lightweight spray valve for easy, all-day use
- Wall hook

PG-1WSAV-06 Same as PG-8WSAV-08 except single hole wall-mount faucet with vacuum breaker, 9 ft. coiled hose and 6" swing nozzle



## PG-0123 Overhead Wash and Rinse Unit

- 8" (203 mm) deck-mount faucet
- EB-0107 high flow blue spray valve
- 43" high
- ½" NPT female eccentric flanged inlets (00AA)
- 44" flexible stainless steel hose (B-0044-H)

PG-0123-B Same as PG-0123 except with wall bracket for support

Note: this model is EPAct 2005 Non-Compliant



## PG-0133 Overhead Wash and Rinse Unit

- 8" (203 mm) wall-mount faucet
- EB-0107 high flow blue spray valve
- 341/2" high
- ½" NPT female eccentric flanged inlets (00AA)
- 44" flexible stainless steel hose (B-0044-H)

PG-0133-B Same as PG-0133 except with wall bracket for support

Note: this model is EPAct 2005 Non-Compliant

## - Our Pedigree is Your Quality Assurance



#### **RINSE UNITS**

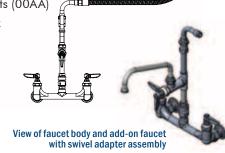
#### Wash and Rinse Products

#### P3-8WESV-08M Sink Faucet with Hose Spray

- 8" (203 mm) wall-mount faucet
- EB-0107-035 high flow angled blue spray valve
- Vacuum breaker
- Add-on faucet with 8" swing nozzle and stream regulator outlet
- Swivel adapter with 96" flexible stainless steel hose (EB-0096-H)
- Hanger hook assembly (B-0166)
- ½" NPT female eccentric flanged inlets (00AA)

Note: this model is EPAct 2005 Non-Compliant





#### PG-2187 Overhead Wash and Rinse Unit

- 8" (203 mm) wall-mount faucet
- 46<sup>13</sup>/16" high
- EB-0107 high flow blue spray valve
- Add-on faucet with 14" swing nozzle and stream regulator outlet
- ½" NPT female eccentric flanged inlets
- Wall bracket for support
- 72" (1829 mm) PVC hose

Note: this model is EPAct 2005 Non-Compliant



#### **B-1171** Sink Faucet with Side Spray

- 4" (102 mm) deck-mount faucet
- Side spray with 4 ft. reinforced vinyl hose and hose guide
- 8" (203 mm) swing nozzle
- 1/2" NPT male inlets
- Built-in diverter
- **B-1171-07** Same as B-1171 except with 7 ft. hose
- **B-1172** Same as B-1171 except with 8" centers
- **B-1172-07** Same as B-1172 except with 7 ft. hose

## B-2743 Single Lever Faucet with Side Spray (right)

- Single hole deck-mount faucet
- Swivel gooseneck assembly with aerator
- Two 17" flexible supply hoses with ½" NPSM compression fittings
- Integral diverter for water flow through side spray or gooseneck



## B-2730 Swivel Base Faucet with Side Spray

- 9" spout Deck plate
- Single lever handle and ceramic cartridge
- Flexible supply hoses
- 4 ft. vinyl hose with hose guide

B-2730-LH Same as B-2730 except with 6" long handle

**B-2730-07** Same as B-2730 except with 7 ft. hose



For more than half a century, **T&S Brass** has been setting the standard of excellence in the commercial plumbing business.

Today, we manufacture a full line of quality grooming and petcare plumbing products to make cleaning – and cleaning up after – even your toughest customers easy, safe, thorough and fast.

T&S pet-care products offer a wide range of tools and accessories designed to be versatile and withstand heavy use in kennels, grooming stations, veterinary clinics, boarding facilities and stables. T&S quality pet-care products are certified, always in stock and available worldwide. Plus, only T&S can get your order to you next day thanks to our exclusive T&S Brass 24-Hour Quick Ship program.

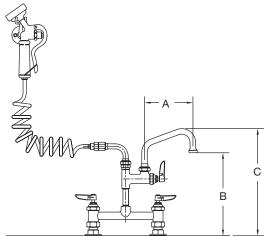
#### T&S delivers:

- Heavy-duty, commercial-grade products
- A wide range of features and options including sanitizing and interior/exterior capabilities
- Durable, corrosion-resistant stainless steel construction
- Easy to use, fully adjustable products
- Custom designed systems to meet your individual needs



#### PG-8DSAN-XX Pet Grooming Station

- 8" (203 mm) deck-mount faucet ½" NPT female eccentric flanged inlets (00AA)
- 034A swivel adapter
- 9 ft. coiled hose and aluminum spray valve
- Lightweight spray valve for easy, all-day use
- Add-on faucet with swing nozzle and stream regulator outlet

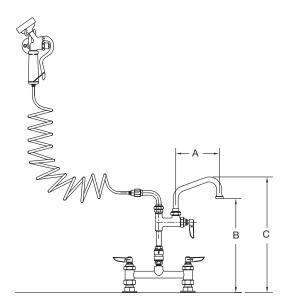




Model No.	"A" Nozzle Spread	"B" Clearance	"C" Height
PG-8DSAN-06	6" (152 mm)	10-1/4" (260 mm)	13-1/4" (336 mm)
PG-8DSAN-08	8" (203 mm)	10-9/16" (268 mm)	13-5/16" (338 mm)
PG-8DSAN-10	10" (254 mm)	11-1/4" (285 mm)	14" (356 mm)
PG-8DSAN-12	12" (305 mm)	11-3/8" (289 mm)	14-1/8" (359 mm)
PG-8DSAN-14	14" (356 mm)	12-5/8" (320 mm)	15-3/8" (391 mm)
PG-8DSAN-16	16" (406 mm)	13-7/16" (341 mm)	16-3/16" (411 mm)
PG-8DSAN-18	18" (457 mm)	14" (356 mm)	16-3/4" (426 mm)

#### PG-8DSAV-XX Pet Grooming Station

- 8" (203 mm) deck-mount faucet
- ½" NPT female eccentric flanged inlets (00AA)
- 034A swivel adapter
- Vacuum breaker
- 9 ft. coiled hose and aluminum spray valve
- Lightweight spray valve for easy, all-day use
- Add-on faucet with swing nozzle and stream regulator outlet



Model No.	"A" Nozzle Spread	"B" Clearance	"C" Height
PG-8DSAV-06	6" (152 mm)	12-7/8" (327 mm)	15-7/8" (403 mm)
PG-8DSAV-08	8" (203 mm)	13-3/16" (335 mm)	15-15/16" (405 mm)
PG-8DSAV-10	10" (254 mm)	13-7/8" (352 mm)	16-5/8" (422 mm)
PG-8DSAV-12	12" (305 mm)	14" (356 mm)	16-3/4" (426 mm)
PG-8DSAV-14	14" (356 mm)	15-1/4" (387 mm)	18" (457 mm)
PG-8DSAV-16	16" (406 mm)	16-1/16" (408 mm)	18-13/16" (478 mm)
PG-8DSAV-18	18" (457 mm)	16-5/8" (422 mm)	19-3/8" (492 mm)

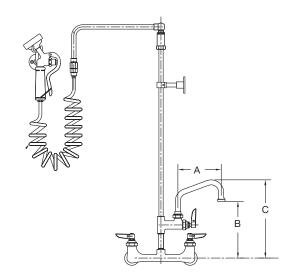






#### PG-8WOAN-XX Pet Grooming Station

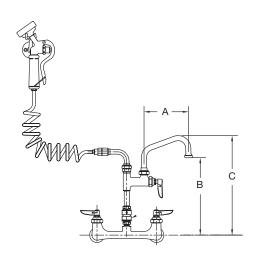
- 8" (203 mm) wall-mount faucet ½" NPT female eccentric flanged inlets (00AA)
- 12" (305 mm) overhead arm with swivel
- 9 ft. coiled hose and aluminum spray valve
- Lightweight spray valve for easy, all-day use
  2-3/8" wall bracket (B-0109-07)
- Add-on faucet with swing nozzle and stream regulator outlet



Model No.	"A" Nozzle Spread	"B" Clearance	"C" Height
PG-8WOAN-06	6" (152 mm)	7-13/16" (198 mm)	10-3/4" (274 mm)
PG-8WOAN-08	8" (203 mm)	8-1/16" (206 mm)	10-7/8" (276 mm)
PG-8WOAN-10	10" (254 mm)	8-13/16" (223 mm)	11-9/16" (293 mm)
PG-8WOAN-12	12" (305 mm)	8-15/16" (226 mm)	11-11/16" (297 mm)
PG-8WOAN-14	14" (356 mm)	10-3/16" (258 mm)	12-15/16" (328 mm)
PG-8WOAN-16	16" (406 mm)	11" (279 mm)	13-3/4" (349 mm)
PG-8WOAN-18	18" (457 mm)	11-9/16" (293 mm)	14-5/16" (363 mm)

#### PG-8WSAV-XX Pet Grooming Station

- 8" (203 mm) wall-mount faucet
- ½" NPT female eccentric flanged inlets (00AA)
- Vacuum breaker
- 034A swivel adapter
- 9 ft. coiled hose and aluminum spray valve
- Lightweight spray valve for easy, all-day use
- Wall hook
- Add-on faucet with swing nozzle and stream regulator outlet



Model No.	"A" Nozzle Spread	"B" Clearance	"C" Height
PG-8WSAV-06	6" (152 mm)	10-7/16" (265 mm)	13-3/8" (340 mm)
PG-8WSAV-08	8" (203 mm)	10-3/4" (272 mm)	13-1/2" (343 mm)
PG-8WSAV-10	10" (254 mm)	11-7/16" (290 mm)	14-3/16" (360 mm)
PG-8WSAV-12	12" (305 mm)	11-9/16" (293 mm)	14-5/16" (363 mm)
PG-8WSAV-14	14" (356 mm)	12-13/16" (325 mm)	15-9/16" (395 mm)
PG-8WSAV-16	16" (406 mm)	13-5/8" (346 mm)	16-3/8" (416 mm)
PG-8WSAV-18	18" (457 mm)	14-3/16" (360 mm)	16-15/16" (430 mm)





## B-1174 Deck-Mount Faucet with Spray

- 8" (203 mm) deck-mount faucet
- Side spray with 4 ft. reinforced vinyl hose with hose guide
- 8<sup>3</sup>/<sub>4</sub>" swivel gooseneck with stream regulator outlet
- Lever handles
- ½" NPT male inlets
- Includes (150A) tailpieces and nuts for ¼" NPT connections



## B-1176 Deck-Mount Faucet with 7' Spray

- 8" (203 mm) deck-mount faucet
- EB-0107 high flow blue spray valve
- EB-0084-H flexible stainless steel hose (under counter) with hose deck flange
- 8<sup>13</sup>/16" swivel gooseneck assembly with aerator outlet (B-0199-01)
- Wrist action handles
- 1/2" NPT male inlets
- Includes (150A) tailpieces and nuts for 1/4" NPT connections

Note: this model is EPAct 2005 Non-Compliant



## B-1146-01 Wall-Mount Faucet

- 4" (102 mm) centers wall mounted faucet
- 2<sup>13</sup>/<sub>16</sub>" swivel gooseneck assembly with stream regulator outlet (131X)
- Lever handles
- 1/2" NPT male inlets
- Includes (150A) tailpieces and nuts for ¼" NPT connections



## B-1146-04 Wall-Mount Faucet

- 4" (102 mm) wall-mount faucet
- 53¼" swivel gooseneck assembly (133X-AER) with 2.2 GPM aerator (B-0199-01)
- 4" wrist-action handles
- 1/2" NPT male inlets
- Includes (150A) tailpieces and nuts for ¼" NPT connections



## HANDS-FREE FAUCETS Equip Electronic Faucets



## **5EF-1D-DG** Deck-Mount Electronic Faucet

- Single hole deck-mount sensor faucet
- 5<sup>11</sup>/<sub>16</sub>" rigid gooseneck with vandal-resistant aerator
- Hands-free operation



## **5EF-1D-DS** Deck-Mount Electronic Faucet

- Single hole deck-mount sensor faucet
- 49/16 cast spout with vandalresistant aerator
- Hands-free operation



## 5EF-1D-WG Wall-Mount Electronic Faucet

- Single hole wall-mount sensor faucet
- 63/8" rigid/swivel gooseneck with vandal-resistant aerator
- Hands-free operation

## These electronic faucets include:

- AC/DC control module for ease of installation
- Temperature control mixing valve
- Inlet flex lines





#### HANDS-FREE FAUCETS Other Hands-Free Assemblies





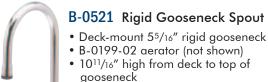
#### B-0502 Double Pedal Valve, Floor-Mount

- Inlets on 2<sup>7</sup>/16" centers
- 1" (25 mm) from floor to center of inlets
- 1/2" NPT female inlets and outlets



#### **B-0527** Swivel Gooseneck Spout

- Wall-mount with 2" dia. adjustable flange
- 3/8" NPT female inlet
- 61/8" swivel gooseneck (133X-AER)
- B-0199-01 aerator (not shown)



Includes (150A) tailpiece and nut

for 1/4" NPT connection



#### **HOSE REELS Epoxy Coated Steel Hose Reels**

- Constructed of heavy-duty painted
- · Long life and easy maintenance

#### These hose reels include:

- EB-0107 high flow blue spray valve
- 3/8" NPT female inlet
- Adjustable hose bumper
- Multi-fit bracket for wall, ceiling or under counter mounting
- Ratcheting system holds the length of hose until a slight tug; retracts automatically

#### Installation Note:

If mixing valve is used, check valves should be installed to prevent crossflow of water

#### B-7242-01 Hose Reel Open Model, 50 ft. Hose

- Open painted steel hose reel
- 50 ft. (15.25 m) of 3/8" I.D. hose

Note: this model is EPAct 2005 Non-Compliant

#### B-7232-01 Hose Reel Open Model, 35 ft. Hose

- Open painted steel hose reel
- 35 ft. (10.7 m) of 3/8" I.D. hose

Note: this model is EPAct 2005 Non-Compliant

#### B-7212-01 Hose Reel Open Model, 15 ft. Hose

- Open painted steel hose reel
- 15 ft. (4.5 m) of 3/8" I.D. hose

Note: this model is EPAct 2005 Non-Compliant





#### **HOSE REELS** Stainless Steel Hose Reels

- · Constructed of heavy-duty, corrosion-resistant stainless steel
- Long life and easy maintenance

#### These hose reels include:

- EB-0107 high flow blue spray valve
- 3/8" NPT female inlet
- Adjustable hose bumper
- · Multi-fit bracket for wall, ceiling or under counter mounting
- Ratcheting system holds the length of hose until a slight tug; retracts automatically

#### Installation Note:

If mixing valve is used, check valves should be installed to prevent crossflow of water



#### B-7142-01 Hose Reel Open Model, 50 ft. Hose

- Open stainless steel hose reel
- 50 ft. (15.25 m) of <sup>3</sup>/8" I.D. hose

Note: this model is EPAct 2005 Non-Compliant

#### B-7132-01 Hose Reel Open Model, 35 ft. Hose

- Open stainless steel hose reel
- 35 ft. (10.7 m) of 3/8" I.D. hose

Note: this model is EPAct 2005 Non-Compliant B-7112-01 Hose Reel Open Model, 15 ft. Hose

- Open stainless steel hose reel
- 15 ft. (4.5 m) of 3/8" I.D. hose
- EB-0107 blue spray valve

Note: this model is EPAct 2005 Non-Compliant



- Constructed of heavy-duty, corrosion-resistant black epoxy coated steel
- · Long life and easy maintenance

#### These Equip hose reels include:

- 5SV-WH black high flow spray valve (not shown)
- 3/8" I.D. hose
- 3/8-18 NPT female inlet on reel
- 3/8-18 NPT male outlet on hose
- Hose is rated to 300 PSI with a maximum temperature of 176°F

#### Installation Note:

If mixing valve is used, check valves should be installed to prevent crossflow of water



#### 5HR-232-01-GH Equip Hose Reel Open Model, 35 ft. Hose

- Open epoxy coated steel hose reel
- 35 ft. (10.7 m) of 3/8" I.D. hose
- Includes ½" male x 3/8" female bushing
- 5SV-WH black high flow spray valve (not shown)
- 3 ft. connector hose with garden hose adapter for optional connection to garden hose threaded hose bibbs

5HR-232-GH Same as 5HR-232-01-GH except without 5SV-WH black high flow spray valve

#### 5HR-242-01-GH Equip Hose Reel Open Model, 50 ft. Hose

- Open epoxy coated steel hose reel
- 50 ft. (15.25 m) of 3/8" I.D. hose
- 5SV-WH black high flow spray valve (not shown)
- 3 ft. connector hose with garden hose adapter for optional connection to garden hose threaded hose bibbs



#### **HOSE REEL ACCESSORIES**

#### Spray Valves and Water Guns



#### MV-2522-24 Front Trigger Water Gun

- Heavy-duty stainless steel construction
- Blue rubber cover
- Adjustable stream from solid to soft spray
- Excellent for cleaning jobs
- Controls water supply easily and efficiently
- Automatic shut-off conserves water
- Rated up to 200 PSI
- ½" NPT male x ½" hose barb (included)
- 1/2" NPT female inlet
- 5/16" orifice



#### EB-0107 High Flow Spray Valve

- Blue spray valve
- Connects directly to hose grip handle
- Hold-down ring for constant water flow
- Shuts off when handle is released



#### EB-0107-035 High Flow 35° Angled Spray Valve

- Blue spray valve with 35° spray head
- Connects directly to hose grip handle
- Hold-down ring for constant water flow
- Shuts off when handle is released



## 5WG-1000-01 Equip Water Gun

· Water gun with quick-disconnect and 1/2" NPSM and 3/8" NPT female adapters

#### EB-2322 Extended Spray Wand

- Spray valve with self-closing squeeze valve and extension for 213/4" total length
- 3/8" NPT female inlet
- Blue handle grip with hold-down ring
- · Removable spray head



## Flow Spray Valve

- For use on all 5HR-series hose reels
- 3/4-14 male inlet
- Includes spray valve and handle (not shown)



#### MV-3516-25 Aluminum Regr Trigger Water Gun

- Aluminum water gun with 5/16" flow orifice
- Blue rubber cover
- Includes ½" NPT x ³/8" NPT female adapter (not shown)



## -

#### **HOSE REELS**

#### Hose Reel Brackets



#### G016636-45 Swing Bracket

- · Epoxy coated steel
- Fits all T&S 3/8" x 15', 30'and 35' epoxy coated hose reels
- Mounting hardware not included



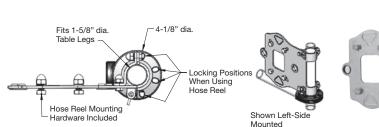
#### G016637-45 Swing Bracket

RELIABILITY BUILT IN"

- · Epoxy coated steel
- Fits all T&S 3/8" x 50' and all 1/2" hose reels
- Mounting hardware not included

#### G018477-45 Table Leg Bracket

- Stainless steel hose reel swing bracket
- Fits all T&S 3/8" and 1/2" hose reels
- Spring loaded latch
- Can be mounted as left- or right-side





#### OTHER MODELS And Accessories

## B-0665-BSTR Service Sink Faucet with Top Wall Brace

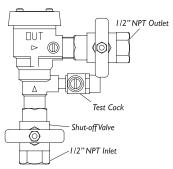
- 8" (203 mm) wall-mount faucet
- Rough chrome plated finish
- Built in screwdriver stops
- Vacuum breaker nozzle with ¾" garden hose thread and pail hook
- 211/16" clearance form wall to center line of faucet
- 91/8" from wall to center of outlet
- ½" NPT female eccentric flanged inlets (00AA)
- Includes spring checks



#### MV-0771-12C Mixing Valve

- 3/4" NPT mixing valve
- 3/4" globe valves with color coded handles
- In-line check valves
- ¾" unions
- Rough plated chrome

MV-0771-12N Same as MV-0771-12C except unplated brass



#### B-0963 Continuous Pressure Vacuum Breaker Assembly

- Designed for continuous pressure
- Furnished with quarter-turn ball valves
- 1/2" NPT inlet and outlet
- 001359-40 adapters available for <sup>3</sup>/<sub>8</sub>" NPT
- Order B-0963-RK repair kit (shown below)





## MV-0771-12CW Washdown Station Assembly

- MV-0771 3/4" mixing valve
- Rear trigger water gun
- Brass thermometer tee
- Stainless steel thermometer, temperature range from 0°F to 200°F
- 50 ft. (15.25 m) high pressure hose with brass couplings and swivel fittings
- Stainless steel hose rack
- Rough plated chrome

MV-0771-12NW Same as MV-0771-12CW except unplated brass



#### All Eyewash Stations include:

- Universal emergency eyewash sign
- "Test This Week" tag to record weekly testing record of equipment



## EW-7360B Wall Mounted Eye/Face Wash

- ABS green plastic eyewash head with laminar flow
- Integral flip top dust cover
- Round stainless steel receptor with chrome plated brass stay open ball valve, ½" NPT inlet, 1¼" NPT waste



#### EW-7611 Countertop Mounted Pull Down Eye/ Face Wash Unit

- Polished chrome plated brass eye/face wash swings forward to activate
- ABS green plastic head with laminar flow
- Integral flip top dust cover
- Can be mounted on either right or left side of sink
- Supply: 1/2" O.D. slip joint

## EW-8904 Counter Mounted Laboratory Eye/Face Wash Unit

- Countertop mounted eye/face and body spray
- Head positioned at 45° angle
- Stay open squeeze lever valve
- 8 ft. swivel hose with ½" NPT inlet and deck flange that incorporates guiding key slot for proper positioning of spray



## EW-7501 Nine-Gallon Portable Gravity Fed Eyewash Unit

- Nine-gallon capacity, high-density green polyetheylene tank provides full pattern flushing at .4 GPM for a full 15 minutes
- Fold down eyewash arm has positive upper limit stop that covers and protects spray outlets when not in use
- Wide-fill opening for easy inspection, cleaning and filling
- ABS plastic eyewash heads with tripod anchor, stainless steel socket head cap screw and rubber gasket
- Includes wall bracket
- Eyewash preservative to permit storage of water for up to three months (sold separately; see EW-9082 bottle, right).

Note: Unit must be wall hung



#### EW-7612 Swing Away Eyewash Unit

- Countertop
   mounted polished
   chrome plated
   brass eye/face
   wash unit with swing-away
   feature to activate
- Mounted on right side of sink
- Polyetheylene dust cover
- Supply: 1/2" O.D. slip joint



#### EW-7612LH Swing Away Eyewash Unit

• Same as EW-7612 except mounted on left side of sink





Our toll-free number, 1-800-476-4103, connects you to T&S Customer Service representatives. You can also access information about these and other T&S products on our website, www.tsbrass.com

#### NOTE

A comprehensive *Index By Model or Part Number* and Page can be found in the **G-11 General Product Catalog Master Index** section (IN).





## FOOD WASTE







# INTRODUCING A REVOLUTIONARY SOLUTION FOR ORGANIC FOOD WASTE DISPOSAL.



Now there's a way to transform 100% of your facility's organic food waste into environmentally safe grey water in 24 hours or less — all with no odors, no sludge buildup and no required system cleanouts. EnviroPure food waste disposal systems provide rapid, on-site breakdown and removal of food waste through a combination of continuous mechanical processing, tightly controlled aerobic decomposition and a proprietary micronutrient additive.

With EnviroPure, you get a custom-designed, fully organic and easy-to-operate system that fits seamlessly into any supermarket, commercial or industrial kitchen — delivering worry-free disposal for years to come.



## TAILORED TO YOUR UNIQUE OPERATION.

From overflowing trash bins to unpleasant odors and pest infestations, facilities with high volumes of food waste experience a wide range of inconvenient and potentially costly issues. EnviroPure makes food waste disposal more efficient and more sanitary while also saving labor and reducing the risk of employee injury.



# DEVELOPED TO REDUCE YOUR CARBON FOOTPRINT.

Of all the garbage that ends up in our landfills, organic waste represents the largest portion — nearly 30%. EnviroPure not only helps increase your diversion rate — it helps take polluting waste management trucks off the roads.



## DESIGNED TO ELIMINATE HAULING COSTS.

In North America alone, the economic impact of picking up, transporting and disposing of food waste tops \$1.2 billion annually. EnviroPure provides immediate relief to facilities by cutting out these costly pickup and hauling fees while delivering an average ROI of just two years or less.



#### FOR YOUR **FACILITY**



## FROM CAFETERIAS TO CRUISE SHIPS. AND EVERYTHING IN BETWEEN.

EnviroPure is designed for easy integration — and that's critical when you need a food waste disposal solution that fits seamlessly into your facility's space and workflow. Each unit is custom-configured with your operation in mind, allowing you to choose the right feed option and capacity for your needs. It's versatile enough to break down vegetables, fruits, meat, fish, poultry and dairy products — and even powerful enough to break down bones, shells and pits.

No matter the size or scope of your operation, EnviroPure is ideal for any commercial or institutional facility that produces high volumes of organic food waste.

## FACILITIES THAT CAN BENEFIT FROM USING ENVIROPURE

- Hotels and resorts
- Hospitals
- Nursing and retirement homes
- · Universities and colleges
- Corporate and factory cafeterias
- Supermarkets
- Banquet facilities
- Casinos
- · Cruise ships
- Prisons
- Stadiums and sporting venues
- · Food processing plants

#### Capacity Ranges

EnviroPure's processing capacity ranges from 120–14,000 pounds per day (depending on unit size), making it the ideal food waste disposal solution for a wide range of facilities.

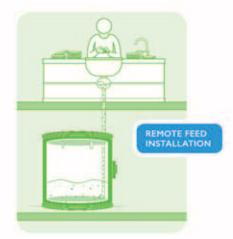
120-14,000 lbs. per day

#### Automatic Operation

With intuitive controls and automatic operation, employees can simply turn on the EnviroPure system and add food waste through either continuous or batch feed — minimizing the risk of injury from repeated, strenuous trips to the dumpster.

#### Remote Feed Options

EnviroPure is available with remote feed options, allowing it to be used with almost any grinding system found in today's commercial kitchens. This space-saving configuration keeps the work area free and clear, as the actual disposal system can be located in another room or on another floor altogether.



## FOR THE



2015 AWARD

## INCREASE YOUR DIVERSION RATE. REDUCE YOUR CARBON FOOTPRINT.

Each day, institutional and commercial kitchens across North America generate more than 120 million pounds of food waste — totaling more than 70 billion pounds annually. So where does all that food waste end up? According to the EPA, more than 97% of it goes straight to the landfill, where it contributes to the production of methane gas.

In addition, the process of transporting all that food waste only compounds the problem even more. The emissions from garbage trucks generate countless volumes of greenhouse gasses through the burning of fossil fuels.

With EnviroPure, your facility can completely eliminate landfill-bound organic food waste once and for all. It's the clear choice for meeting your company's immediate sustainability goals as well as Zero Waste Zone requirements, which are becoming more common in a growing number of major cities each year.



EnviroPure systems are custom-configured to your facility's operational workflow.

#### Optional Recirculation Feature

EnviroPure's optional ozone recirculation feature reuses naturally extracted water from food waste, eliminating the need to add fresh water from your facility's supply after installation.

The result is an average savings of

up to 400 gallons of water per day (based on a typical grinding schedule of 10 times daily).

#### Meeting Today's Standards

The grey water effluent byproduct released by EnviroPure meets today's latest standards for disposal into municipal wastewater sewer systems, with safe levels of BODs, FOGs and TSS.

WAS DISCHARGE	TE WATER	Municipal Limits	EnviroPure Effluent
	SHIRING SHEET	mg/L	mg/L
	BODs	300-500	25-30
	FOGs	100-150	0-10
	TSS	300-500	25-35

#### An All-Natural Process

EnviroPure's proprietary BioMix"
compound is automatically added to
the vessel during breakdown, helping
accelerate the food waste decomposition process.
But unlike non-organic solutions found in other
systems, it doesn't promote coagulation of effluent
that can clog sewer lines. Its all-natural, non-toxic
combination of vitamins, minerals and amino
acids is 100% environmentally safe.

## FOR YOUR BOTTOM LINE



#### REAL SAVINGS. NOW.

When you add up all the ways EnviroPure helps you save — including an ROI of two years or less — it's no surprise that facilities everywhere are taking advantage of this revolutionary system.

With fewer trips to the dumpster, you save valuable time and labor while minimizing the risk of injury to employees.

With no need to store accumulating food waste between pickups, you save space while keeping your facility more sanitary.

And because EnviroPure is designed to reduce your facility's impact on the environment, you save water and energy compared with other food waste disposal solutions while also eliminating harmful methane gas emissions created when organic waste ends up in the landfill.



EnviroPure systems can handle all types of food waste, including bones, shells and pits.

#### Save Thousands Annually

The cost of sending your facility's food waste to the landfill can be staggering. In fact, the total impact on your bottom line can top nearly \$200 per ton when you factor in tipping fees, fuel surcharges, bin rentals and taxes. By eliminating those pickup and hauling costs, EnviroPure can save the typical facility tens of thousands of dollars annually.

waste to the landfill pact on your bottom you factor in tipping axes. By eliminating Pure can save the ars annually.

HAULING FEE

TIPPING FEES

PICKUP CHARGE

FUEL SURCHARGES

FUEL TONNAGE

AMENTAL SURCHAR

#### HOW DOES ENVIROPURE WORK?





EnviroPure's efficient disposal process begins the moment food waste enters the system, beginning with a mechanical breakdown of the waste via grinding and pulverizing. This increases the surface area of the waste, helping accelerate decomposition.

Once the food waste is broken down into significantly smaller pieces, it enters the vessel where a process similar to the combination of digestion and wastewater treatment begins. Because most of the water used comes from the food itself, EnviroPure requires only a very limited amount of additional water from your facility's supply — saving resources and money.

As the treatment process continues, EnviroPure periodically adds the BioMix micronutrient solution, providing for a more rapid breakdown of the food waste.

After stirring and settling, most of the food waste particles are small enough to pass through EnviroPure's self-cleaning filter system. If any larger particles remain, they are held back for further processing before passing through. The resulting effluent then exits the system as environmentally safe grey water.

#### MONITOR THE PROCESS REMOTELY

With EnviroPure's remote monitoring capabilities, staff can easily troubleshoot and keep track of working components, as well as the level of BioMix in the system, the amount of food waste processed and even the calculated carbon footprint reduction for your facility — all without physically being at the unit.





#### **SPECIFICATIONS**



All EnviroPure units are custom-manufactured to your facility's exact needs and are available in a range of capacities, along with optional additional specifications (based on type of food waste, volume and location).



#### iSeries

The iSeries from EnviroPure is ideal for smaller facilities, featuring a 6" sink feed and a traditional disposal-style grinder.

1201 - 2401 - 3601 - 4801 - 6001 - 7201 - 10001 - 15001 - 20001



#### GT Series

The GT Series from EnviroPure uses a shredder-type grinder, which allows it to handle very large volumes of food waste. In fact, the GT Series can process a 32-gallon container of food waste at one time.

240GT • 360GT • 480GT • 600GT • 720GT • 1000GT 1500GT • 2000GT • 3000GT

SYSTEM NAME	LBS per day	MEALS per day	WATER gal/hr	GRINDER style
iSeries	120-2000	375-6000	1.1-15.8	sink
GT Series	240-3000	750-9000	2.0-19.0	bulk

#### INSTALLATION REQUIREMENTS

- 220 volt 3-phase power with cutoff switch (within 6 ft/2 m of installation location)
- Access to tempered water supply (within 10 ft/3 m of installation location)
- Access to drain or waste water hook-up within 15 ft/5 m of installation location
- Minimum 12 in/30 cm clearance on two sides of system
- Optional indoor/outdoor installation (may require additional insulation depending on location)
- Custom feeding systems, loading chutes and lifter configurations are available

#### ABOUT ENVIROPURE SYSTEMS

As a T&S Brass company, EnviroPure is building on more than 60 years of trusted foodservice innovation — a legacy strengthened by T&S' continuing focus on water and energy conservation. Every EnviroPure food waste disposal system is proudly made in America at the T&S Brass manufacturing facility in South Carolina.



## IN

#### G-11 Master Index













						G-11
Model No. Section & Page	Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page
001AS <b>A</b> 24	001014-45	<b>G</b> 3	002521-45AN	M <b>ACS</b> 14	005959-40	<b>ACS</b> 10, 12
004R <b>A</b> 9, 12, 28, 34; <b>B</b> 18	001019-45	<b>G</b> 3	002521-45K	ACS14	005959-40QT	<b>ACS</b> 10, 12
000059-40 <b>G</b> 8	001022-45	<b>ACS</b> 13; <b>G</b> 5-7	002521-45K-	VR ACS14	005960-40	<b>ACS</b> 10, 12
000078-45 <b>G</b> 8	001040-45	<b>G</b> 3, 4, 5, 9	002534-25	<b>ACS</b> 20	005960-40QT	<b>ACS</b> 10, 12
000176-40 <b>B</b> 17	001042-45	<b>ACS</b> 13; <b>G</b> 5	002535-25	<b>ACS</b> 20	005963-40	<b>A</b> 35, 37
000357-40 <b>ACS</b> 20	001047-45	ACS13; G6	002584-25	<b>ACS</b> 19	005969-40	<b>A</b> 39
000358-40 <b>ACS</b> 20; <b>A</b> 44; <b>G</b> 3	001062-45	<b>G</b> 3; <b>G</b> 10	002601-45	<b>ACS</b> 13; <b>G</b> 5-7	006009-40	<b>ACS</b> 10, 12
000361-40 <b>ACS</b> 20	001065-45	<b>G</b> 3	002659-45	<b>A</b> 47; <b>G</b> 4	006009-40QT	<b>ACS</b> 10, 12
000363-40 <b>ACS</b> 20	001068-45	<b>G</b> 3	002662-40	<b>A</b> 47	006010-40	<b>ACS</b> 10, 12
000369-40 <b>ACS</b> 20; <b>A</b> 28, 34;	001069-45	<b>G</b> 7	002709-40	<b>ACS</b> 11, 13	006010-40QT	<b>ACS</b> 10, 12
<b>B</b> 11; <b>I</b> 27	001074-45	<b>G</b> 3, 5-7	002710-40	<b>ACS</b> 11, 13	006101-45	<b>B</b> 4-6; <b>D</b> 37
000372-40 <b>ACS</b> 20; <b>A</b> 9, 12,	001075-45	ACS13; G5	002711-40	<b>A</b> 9, 12; <b>ACS</b> 10, 12	006186-40	ACS3
28, 34	001088-45	ACS13; G5	002712-40	<b>A</b> 9, 12; <b>ACS</b> 10, 12	006477-40	<b>ACS</b> 11, 13
000373-40 <b>A</b> 28	001092-45	ACS13; G5, 6	002713-40	<b>ACS</b> 10, 12	006478-40	<b>ACS</b> 11, 13
000376-40 <b>ACS</b> 20, 27	001094-45	<b>G</b> 10	002714-40	<b>ACS</b> 10, 12	006481-40	<b>ACS</b> 13
000377-40 <b>ACS</b> 27	001098-45	<b>ACS</b> 13; <b>G</b> 5, 7	002721-45	ACS13; G5	006482-40	ACS13; A34; B18
000544-25 <b>ACS</b> 19	001100-45	<b>G</b> 3, 4, 5, 9, 10	002726-45	<b>ACS</b> 13; <b>G</b> 5, 6	006557-40	<b>G</b> 7
000545-25 <b>ACS</b> 19	001120-45	<b>A</b> 46, 47	002781-40	ACS3	006678-45	<b>B</b> 10
000546-25 <b>ACS</b> 19	001121-45	<b>A</b> 46; <b>G</b> 3	002824-40	<b>A</b> 26, 28, 31	006895-20	<b>ACS</b> 19
000549-25 <b>ACS</b> 19	001136-45	ACS13; G6-8	002829-40	<b>A</b> 28, 31, 41	007861-45	<b>A</b> 46; <b>G</b> 3
000550-25 <b>ACS</b> 19	001145-45	<b>G</b> 10	002832-40	<b>A</b> 28, 31, 32, 39	008963-40	<b>A</b> 25
000552-25 <b>ACS</b> 19, 24	001191-45	<b>G</b> 8	002837-40	<b>A</b> 24	008978-40	<b>C</b> 33; <b>D</b> 19
000554-25 <b>ACS</b> 19	001194-45	ACS14; G8	002840-400	V <b>A</b> 34; <b>B</b> 18	009002-25	<b>G</b> 7
000555-25 <b>A</b> 24	001326-40	<b>ACS</b> 15	002848-40	ACS6; B10, 15, 17	009194-25	<b>G</b> 7
000590-25 <b>B</b> 14, 17	001327-40	<b>ACS</b> 15	002850-40	<b>B</b> 17	009195-25	<b>G</b> 7
000592-25 <b>B</b> 14, 17	001328-40	<b>ACS</b> 15	002851-40	<b>B</b> 9, 13, 16	009267-45	<b>G</b> 7
000610-25 <b>D</b> 39	001355-40	<b>ACS</b> 19	002852-40	<b>B</b> 16, 17	009268-25	<b>G</b> 7
000685-20 <b>ACS</b> 13	001357-40	<b>ACS</b> 19	002856-40	<b>A</b> 46, 47; <b>B</b> 16; <b>G</b> 3	009286-40	<b>ACS</b> 11, 13
000718-25 <b>ACS</b> 13; <b>G</b> 5	001359-40	ACS19; J8	002857-40	<b>A</b> 35, 37	009287-40	<b>ACS</b> 11, 13
000718-45 <b>G</b> 6	001466-20	ACS13; G7, 8	002858-40	<b>A</b> 35	009306-20	<b>G</b> 3, 4, 9
000763-20 <b>G</b> 6	001479-45	<b>ACS</b> 13; <b>G</b> 5, 6, 7	002861-40	<b>D</b> 50, 51	009331-41	<b>ACS</b> 14
000764-20 <b>G</b> 3, 5	001621-20	<b>G</b> 7	002864-40	<b>B</b> 9	009332-41	<b>ACS</b> 14
000788-20 <b>ACS</b> 13; <b>G</b> 5-7	001624-25	<b>ACS</b> 19	002865-40	<b>D</b> 50, 51	009391-45	<b>G</b> 7
000789-20 <b>ACS</b> 13; <b>G</b> 5-7	001625-45	<b>G</b> 7	002866-40	<b>B</b> 9	009423-40	<b>ACS</b> 11, 13
000794-25 <b>ACS</b> 13	001636-45	<b>ACS</b> 13, 15	002868-40	<b>B</b> 12	009423-40QT	<b>ACS</b> 11, 13
000800-25 <b>ACS</b> 13; <b>G</b> 6	001636-45AM	<b>ACS</b> 15	002872-40	<b>B</b> 14, 15	009424-40	<b>ACS</b> 11, 13
000801-25 <b>ACS</b> 13; <b>G</b> 6	001637-45	<b>ACS</b> 13, 15	002878-40	<b>c</b> 34	009424-40QT	<b>ACS</b> 11, 13
000811-25 <b>ACS</b> 13; <b>G</b> 5, 6	001637-45AM	<b>ACS</b> 15	002881-40	<b>A</b> 42	009646-45	<b>G</b> 6
000811-25CWS <b>G</b> 7	001638-45	ACS13, 15; G8	002882-40	<b>A</b> 28, 29	009649-45	<b>G</b> 7
000812-25 <b>ACS</b> 13; <b>G</b> 5, 6	001638-45AM	<b>ACS</b> 15	002884-40	<b>A</b> 27, 28	009650-45	<b>G</b> 3
000812-25CWS <b>G</b> 7	001660-45	ACS13, 14; G8	002900-40	<b>B</b> 17	009744-45	<b>ACS</b> 13
000821-40 <b>G</b> 3	001661-45	ACS13, 14; G8	002970-45	<b>E</b> 23	009749-25	<b>ACS</b> 13
000888-45 <b>A</b> 12, 34; <b>G</b> 3	001684-25	<b>ACS</b> 20	002987-40	<b>B</b> 8, 9	009750-25	<b>ACS</b> 13
000894-45 <b>G</b> 3, 10	001686-45	<b>ACS</b> 14; <b>G</b> 8	003090-45	<b>G</b> 10	009752-45	ACS13; G5
000895-45 <b>G</b> 3, 4	001720-40	<b>ACS</b> 19	003105-40	<b>ACS</b> 19	009753-25	<b>ACS</b> 11, 13
000907-45 <b>A</b> 46, 47	001769-40	<b>ACS</b> 20	003164-45	<b>ACS</b> 13; <b>G</b> 5, 6, 7	009753-25QT	<b>ACS</b> 11, 13
000913-45 <b>A</b> 46; <b>G</b> 3, 4	001783-40	<b>ACS</b> 14	003198-45	<b>A</b> 47; <b>G</b> 10	009754-25	<b>ACS</b> 11, 13
000922-45 <b>ACS</b> 13, 14; <b>G</b> 5-8	001784-40	<b>ACS</b> 14	003199-45	<b>A</b> 47; <b>G</b> 10	009754-25QT	<b>ACS</b> 11, 13
000925-45 <b>ACS</b> 14, 15; <b>G</b> 8	001806-25	<b>ACS</b> 19	003690-45	<b>G</b> 9	009937-40	<b>A</b> 39; <b>B</b> 9
000933-45 <b>ACS</b> 13; <b>G</b> 5-8	001907-25	<b>ACS</b> 13; <b>G</b> 6, 7	004710-25	<b>ACS</b> 20	OOAA	ACS17; C3; D43
000974-45 <b>G</b> 3, 4, 5, 9	001908-25	<b>ACS</b> 13; <b>G</b> 6, 7	004741-25	<b>ACS</b> 20	OOBB	ACS17; A34; B18
000976-45 <b>ACS</b> 13; <b>G</b> 5	002337-45	<b>ACS</b> 19	005028-40	<b>D</b> 18, 30		17; <b>c</b> 3, 14, 16, 21
000986-45 <b>ACS</b> 13; <b>G</b> 6	002521-45	<b>ACS</b> 14; <b>G</b> 8	005311-40	<b>A</b> 32	OOEE	ACS17; C3, 17
	I		I		I	



						G-11
Model No. Section & Page	Model No.	Section & Page	Model No	. Section & Page	Model No.	Section & Page
00GG <b>ACS</b> 17; <b>A</b> 25; <b>C</b> 3, 19	011619-25	ACS11, 12	014209-40	<b>A</b> 18, 20	017907-45	<b>C</b> 33; <b>D</b> 19
00GG-RGH <b>D</b> 45	011643-45	<b>G</b> 7	014615-45	<b>G</b> 4	017938-45	<b>E</b> 21
00JJ <b>ACS</b> 17; <b>C</b> 3; <b>D</b> 42	011676-45	<b>G</b> 6	014932-45	<b>E</b> 21	018122-45	<b>B</b> 20
00JJ-XT <b>D</b> 39, 40, 42	012394-25	<b>ACS</b> 10, 12	014933-45	<b>E</b> 21	018160-40	<b>CP</b> 14
00JJ-XT-RGH <b>D</b> 44	012395-25	<b>ACS</b> 10, 12	014934-45	<b>E</b> 21	018163-20	<b>ACS</b> 13
00KK <b>ACS</b> 17; <b>C</b> 12	012442-40	<b>ACS</b> 10, 12	014935-45	<b>E</b> 21	018176-40	<b>D</b> 19
00LL <b>ACS</b> 19; <b>B</b> 18, 19	012443-40	<b>ACS</b> 10, 12	014936-45	<b>E</b> 21	018200-40	<b>ACS</b> 22; <b>A</b> 6-8, 49
00QQ <b>ACS</b> 17	012444-40	<b>ACS</b> 10, 12	014937-45	<b>E</b> 21	018227-45	<b>CP</b> 14
00WW <b>ACS</b> 17; <b>C</b> 3	012445-40	<b>ACS</b> 10, 12	014938-45	<b>E</b> 21	018230-45	<b>CP</b> 14
00XX <b>ACS</b> 17; <b>C</b> 20; <b>D</b> 31, 40	012446-25	<b>ACS</b> 10, 12	014940-45	<b>E</b> 21	018232-45	<b>CP</b> 14
00XX-RGH <b>D</b> 44	012447-25	<b>ACS</b> 10, 12	014941-45	<b>E</b> 21	018233-45	<b>CP</b> 14
00YY <b>ACS</b> 17	012449-40	<b>ACS</b> 13	014942-45	<b>E</b> 21	018282-45	<b>CP</b> 8, 19
010027-40 <b>ACS</b> 15; <b>B</b> 19	012451-45	<b>G</b> 6	014943-45	<b>E</b> 21	018292-45	<b>G</b> 4
010094-40 <b>ACS</b> 6	012452-45	<b>G</b> 6	014944-45	<b>E</b> 21	018507-40	<b>CP</b> 8, 19
010123-45 <b>B</b> 5, 8	012465-45	<b>G</b> 6	014945-45	<b>E</b> 21	018590-45	<b>D</b> 57, 58
010126-45 <b>B</b> 5, 8	012467-45	<b>G</b> 6	014946-45	<b>E</b> 21	018591-45	<b>D</b> 57, 58
010150-45 <b>G</b> 7	012504-40	<b>A</b> 42	014948-45	<b>E</b> 21; <b>I</b> 24	018592-45	<b>D</b> 57, 58
010196-25 <b>C</b> 56; <b>G</b> 6	012555-40	<b>G</b> 6	014949-45	<b>E</b> 21	018593-45	<b>D</b> 57, 58
010317-45 <b>G</b> 6	012596-45	<b>G</b> 6, 7	014950-45	<b>E</b> 21	018594-45	<b>D</b> 57, 58
010381-45 <b>c</b> 37	012665-45	<b>G</b> 3, 9, 10	015232-45	<b>I</b> 21	018595-45	<b>D</b> 57, 58
010382-45 <b>c</b> 37	012915-45	<b>G</b> 3, 4, 5, 9		<b>ACS</b> 7-8, 15; <b>D</b> 78-79	018596-45	<b>D</b> 57, 58
010384-45 <b>C</b> 37	012952-45	<b>B</b> 16, 17	015550-45	<b>B</b> 7, 8; <b>G</b> 10	018597-45	<b>D</b> 57, 58
010385-45 <b>c</b> 37	013146-45	<b>B</b> 4, 5; <b>D</b> 37	015588-40	<b>B</b> 7, 8; <b>G</b> 10	034A	<b>A</b> 38, 40; <b>J</b> 4
010386-45 <b>c</b> 37	013E-36H	<b>A</b> 35; <b>ACS</b> 22	015589-40	<b>B</b> 7, 8; <b>G</b> 10	035A	<b>B</b> 17
010386-45VR <b>C</b> 37	013E-36R	<b>ACS</b> 22	016154-25	<b>E</b> 20	045A	<b>E</b> 21
010387-45 <b>c</b> 37	013E-48H	ACS22	016297-45	<b>I</b> 3	052A	<b>A</b> 41; <b>B</b> 8; <b>J</b> 2
010388-45 <b>c</b> 37	013E-60H	A35; ACS22; D59	016301-20	<b>G</b> 6	053A	<b>A</b> 41; <b>B</b> 8
010389-45 <b>c</b> 37	013E-60V	ACS22; D59	016325-45	<b>I</b> 3	054A	<b>A</b> 41; <b>B</b> 8
010390-45 <b>c</b> 37	013E-72H	<b>A</b> 35; <b>ACS</b> 22	016590-45	<b>E</b> 21	055A	<b>A</b> 35-37, 41; <b>B</b> 8, 9
010391-45 <b>c</b> 37	013E-84H	ACS22	016752-40	<b>ACS</b> 11, 13	056A	<b>A</b> 41; <b>B</b> 8
010392-45 <b>c</b> 37	013429-45	<b>D</b> 4	016753-40	<b>ACS</b> 11, 13	057A	<b>A</b> 41; <b>B</b> 8
010393-45 <b>c</b> 37	013430-45	<b>G</b> 5, 6	016767-25	<b>ACS</b> 11, 12	058A	<b>A</b> 41; <b>B</b> 8
010393-45XL <b>C</b> 37	013433-45	<b>CP</b> 8, 19	016768-25	<b>ACS</b> 11, 12	059A	<b>A</b> 41; <b>B</b> 8
010393-45XS <b>C</b> 37	013434-45	<b>CP</b> 8, 19	016782-40	<b>B</b> 7	059X	ACS3; C4, 26
010394-45 <b>C</b> 37	013539-45	<b>J</b> 2	016783-40	<b>B</b> 8	059XM	ACS3
010394-45XS <b>C</b> 37	013716-40	<b>I</b> 27	016807-45	<b>G</b> 3	060X	ACS3; C4, 26
010476-45 <b>A</b> 41, 46, 47; <b>G</b> 3-5	013787-45	<b>I</b> 26	016887-45	<b>D</b> 19	060XM	ACS3
010563-45 <b>G</b> 4	013788-45	<b>I</b> 26	016925-40	ACS11, 13	060XP	ACS3
010565-45 <b>G</b> 4	014068-45	<b>I</b> 27	016926-40	ACS11, 13	061X	ACS3; C4, 26
011276-45 <b>ACS</b> 12	014086-45	<b>E</b> 19	017181-41	ACS14	061XM	ACS3
011277-45 <b>ACS</b> 12	014087-45	<b>E</b> 19	017182-45	<b>G</b> 7		2, 28; <b>ACS</b> 3; <b>C</b> 4, 26
011278-25 <b>ACS</b> 10, 12	014131-45	<b>E</b> 19	017208-40	<b>G</b> 7	062XM	ACS3
011279-25 <b>ACS</b> 10, 12	014132-45	<b>E</b> 19	017229-45	ACS14	062XP	ACS3
011311-25 <b>ACS</b> 12	014145-45	ACS13	017352-45	<b>E</b> 21	063X	ACS3
011312-25 <b>ACS</b> 12	014152-40	ACS13; G6	017355-45	<b>E</b> 21	063XM	ACS3
011355-45 <b>C</b> 37 011356-45 <b>C</b> 37	014187-45	<b>E</b> 19	017359-45	<b>E</b> 21	064X 064XM	<b>ACS</b> 3 <b>ACS</b> 3
	014193-40	ACS13, 14; <b>G</b> 6	017362-45	<b>E</b> 21		
011429-45 <b>G</b> 3, 7	014193-40AM		017420-45	<b>G</b> 9	065X	ACS3; C4, 10, 26
011456-45 <b>G</b> 4 011475-45 <b>G</b> 4	014194-40	<b>ACS</b> 13, 14 <b>ACS</b> 13, 14	017439-45	<b>D</b> 55, 56	065XM	AC\$3: C6
	014195-40		017441-45	<b>D</b> 55, 56	066X 067X	AC\$3; C6
011616-25 <b>ACS</b> 11, 12 011617-25 <b>ACS</b> 11, 12	014200-45 014207-40	<b>D</b> 10, 11; <b>G</b> 3; <b>I</b> 9 <b>A</b> 38	017443-45	<b>D</b> 55, 56 <b>D</b> 55, 56	067X 067-HR	ACS3; C6 B15
011617-25 ACS11, 12 011618-25 ACS11, 12	014207-40	A14-16	017444-45	•	067-HK 068X	ACS3; C6, 9, 26
011010-20 <b>AC3</b> 11, 12	017200-40	A14-10	017670-45	<b>C</b> 42	UUUA	<b>AUJ</b> U, <b>U</b> U, <b>3</b> , 20



			G-11
Model No. Section & Page	Model No. Section & Page	Model No. Section & Page	Model No. Section & Page
069X <b>ACS</b> 3	132XP <b>ACS</b> 3; <b>CP</b> 20	5AFL18 <b>I</b> 26	5F-4CWX03A <b>I</b> 10, 11
073X <b>A</b> 17	133X ACS3; C6, 20-21; CP20	5EF-0001 <b>I</b> 3	5F-4CWX05 <b>I</b> 10, 11
076F <b>ACS</b> 15; <b>D</b> 48	133X-AER <b>ACS</b> 3; <b>CP</b> 20	5EF-0002 <b>I</b> 3	5F-4CWX05A <b>I</b> 11
076F-C <b>ACS</b> 15	133X-LAM <b>ACS</b> 3; <b>CP</b> 20	5EF-0003 <b>I</b> 3	5F-4CWX06 <b>I</b> 10, 11
076F-H <b>ACS</b> 15	133X-LAM-VR <b>ACS</b> 3; <b>CP</b> 20	5EF-0004 <b>I</b> 3	5F-4CWX08 <b>I</b> 10, 11
084A <b>D</b> 77	133XM <b>ACS</b> 3; <b>CP</b> 20	5EF-0005 <b>B</b> 4; <b>D</b> 37; <b>I</b> 3	5F-4CWX10 <b>I</b> 10, 11
098A <b>A</b> 41; <b>B</b> 8	133XP <b>ACS</b> 3; <b>CP</b> 20	5EF-0006 <b>I</b> 3	5F-4CWX12 <b>I</b> 10, 11
0CS6 <b>ACS</b> 4; <b>C</b> 6, 9, 15, 18, 19	134X ACS3	5EF-1D-DG <b>I</b> 3; <b>J</b> 6	5F-4DLS00 <b>I</b> 12
OCS8 ACS4; D17	134XP <b>ACS</b> 3; <b>CP</b> 20	5EF-1D-DG-4DP <b>I</b> 3	5F-4DLS03 <b>I</b> 12
OCS8-LT ACS4	135X <b>ACS</b> 3	5EF-1D-DG-4DPWS <b>I</b> 3	5F-4DLS05 <b>I</b> 12
ORK1 <b>E</b> 22	135X-LAM <b>ACS</b> 3	5EF-1D-DGSM I3	5F-4DLS06 <b>I</b> 12
ORK2 <b>E</b> 22	135X-LAM-VR ACS3	5EF-1D-DG-TMV <b>I</b> 3	5F-4DLS08 <b>I</b> 12
ORK3 <b>E</b> 13, 22	135XM <b>ACS</b> 3; <b>CP</b> 20	5EF-1D-DG-VF05 <b>I</b> 3	5F-4DLS09 <b>I</b> 12
ORK-SK <b>E</b> 21	135XP <b>ACS</b> 3; <b>CP</b> 20	5EF-1D-DS <b>I</b> 3; <b>J</b> 6	5F-4DLS10 <b>I</b> 12
108CSF-RK <b>G</b> 4	136X ACS3	5EF-1D-DS-4DP <b>I</b> 3	5F-4DLS12 <b>I</b> 12
108HSF-RK <b>G</b> 4	148X <b>ACS</b> 19; <b>B</b> 4; <b>D</b> 37	5EF-1D-DS-TMV I3	5F-4DLS14 <b>I</b> 12
108S-RK <b>G</b> 4	150A <b>ACS</b> 20; <b>B</b> 10	5EF-1D-DS-VF05 <b>I</b> 3	5F-4DLX00 <b>I</b> 13
108SF-RK <b>G</b> 4	150X <b>ACS</b> 19	5EF-1D-WG <b>I</b> 3; <b>J</b> 6	5F-4DLX03 <b>I</b> 13
108T-RK <b>G</b> 4	151X ACS3	5EF-1D-WG-TMV <b>I</b> 3	5F-4DLX05 <b>I</b> 13
108V-RK <b>G</b> 4	152X <b>ACS</b> 3	5EF-1D-WG-VF05 <b>I</b> 3	5F-4DLX06 <b>I</b> 13
112X ACS6	153X <b>ACS</b> 3	5EF-2D-DS <b>I</b> 3	5F-4DLX08 <b>I</b> 13
114X <b>ACS</b> 6; <b>B</b> 18, 20	160X <b>ACS</b> 4; <b>C</b> 19	5EF-2D-DS-TMV <b>I</b> 3	5F-4DLX10 <b>I</b> 13
115X <b>ACS</b> 6; <b>B</b> 18, 20	161X ACS4	5EF-2D-DS-VF05 <b>I</b> 3	5F-4DLX12 <b>I</b> 13
116X <b>ACS</b> 6; <b>B</b> 18, 20	162X ACS4	5EF-FILTER <b>I</b> 3	5F-4DLX14 <b>I</b> 13
117X ACS6	163X <b>ACS</b> 4	5EF-TMV <b>I</b> 3	5F-4DWS00 <b>I</b> 13
118X ACS6	165X ACS4; CP20	5F-1SLX00 <b>I</b> 9	5F-4DWS03 <b>I</b> 13
119X <b>ACS</b> 4; <b>CP</b> 20, 24	166X <b>D</b> 13	5F-1SLX03 <b>I</b> 9	5F-4DWS05 <b>I</b> 13
119XP <b>ACS</b> 4	172A <b>A</b> 41; <b>ACS</b> 20; <b>B</b> 8	5F-1SLX05 <b>I</b> 9	5F-4DWS06 <b>I</b> 13
120X ACS4; CP20, 22-25; C22;	175F <b>A</b> 38	5F-1SLX06 <b>I</b> 9	5F-4DWS08 <b>I</b> 13
<b>D</b> 7	175FC <b>ACS</b> 14; <b>D</b> 77	5F-1SLX08 <b>I</b> 9	5F-4DWS09 <b>I</b> 13
120X-LAM <b>ACS</b> 4; <b>CP</b> 20	175FH <b>ACS</b> 14	5F-1SLX10 <b>I</b> 9	5F-4DWS10 <b>I</b> 13
120X-LAM-VR ACS4; CP20	180F <b>ACS</b> 14	5F-1SLX12 <b>I</b> 9	5F-4DWS12 <b>I</b> 13
120XM <b>ACS</b> 4; <b>CP</b> 20	181F <b>ACS</b> 14	5F-1SLX14 <b>I</b> 9	5F-4DWS14 <b>I</b> 13
120XP <b>ACS</b> 4; <b>CP</b> 20	183F <b>B</b> 8	5F-1SLX18 <b>I</b> 9	5F-4DWX00 <b>I</b> 13
122X <b>ACS</b> 4; <b>CP</b> 20	18L <b>ACS</b> 13	5F-1WLB05C <b>I</b> 9	5F-4DWX03 <b>I</b> 13
122XP <b>ACS</b> 4; <b>CP</b> 20	238A <b>ACS</b> 13; <b>G</b> 6	5F-1WLB10 <b>I</b> 9	5F-4DWX05 <b>I</b> 13
123X <b>ACS</b> 4; <b>CP</b> 20	238AB <b>ACS</b> 13	5F-2SLX00 <b>I</b> 14	5F-4DWX06 <b>I</b> 13
123XP <b>ACS</b> 4	238AC <b>ACS</b> 13	5F-2SLX03 <b>I</b> 14	5F-4DWX08 <b>I</b> 13
124A <b>D</b> 52, 77	238AH <b>ACS</b> 13	5F-2SLX05 <b>I</b> 14	5F-4DWX09 <b>I</b> 13
124X <b>ACS</b> 4; <b>CP</b> 20	263L <b>ACS</b> 13	5F-2SLX06 <b>I</b> 14	5F-4DWX10 <b>I</b> 13
125X <b>ACS</b> 4; <b>CP</b> 20	264L <b>ACS</b> 13	5F-2SLX08 <b>I</b> 14	5F-4DWX12 <b>I</b> 13
126X <b>ACS</b> 4; <b>CP</b> 20	52A <b>ACS</b> 19	5F-2SLX10 <b>I</b> 14	5F-4DWX14 <b>I</b> 13
127X <b>ACS</b> 4	53A <b>ACS</b> 19	5F-2SLX12 <b>I</b> 14	5F-4WLX00 <b>I</b> 15
128X <b>ACS</b> 4	54A <b>ACS</b> 19	5F-2SLX14 <b>I</b> 14	5F-4WLX03 <b>I</b> 15
129X <b>ACS</b> 4	57A <b>ACS</b> 19	5F-2SLX18 <b>I</b> 14	5F-4WLX03-VF05 <b>I</b> 15
129XP <b>ACS</b> 4	58A <b>ACS</b> 19	5F-4CLX00 <b>I</b> 10	5F-4WLX05 <b>I</b> 15
130X <b>ACS</b> 4	5AFL00 <b>I</b> 26	5F-4CLX03A <b>I</b> 10	5F-4WLX06 <b>I</b> 15
131X <b>ACS</b> 3; <b>CP</b> 20	5AFL06 <b>I</b> 26	5F-4CLX05 <b>I</b> 10	5F-4WLX08 <b>I</b> 15
131X-ADA <b>ACS</b> 3; <b>CP</b> 20	5AFL08 <b>I</b> 26	5F-4CLX06 <b>I</b> 10	5F-4WLX10 <b>I</b> 15
131XM <b>ACS</b> 3; <b>CP</b> 20	5AFL10 <b>I</b> 26	5F-4CLX08 <b>I</b> 10	5F-4WLX12 <b>I</b> 15
131XP <b>ACS</b> 3; <b>CP</b> 20	5AFL12 <b>I</b> 6, 26	5F-4CLX10 <b>I</b> 10	5F-4WWX00 <b>I</b> 15
132X ACS3; C30; CP20; D35	5AFL14 <b>I</b> 26	5F-4CLX12 <b>I</b> 10	5F-4WWX03 <b>I</b> 15
132XM <b>ACS</b> 3; <b>CP</b> 20	5AFL16 <b>I</b> 26	5F-4CWX00 <b>I</b> 10, 11	5F-4WWX03-VF05 <b>I</b> 15
	T.	I .	I and the second



							G-11
Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page
5F-4WWX05	<b>I</b> 15	5F-8WWX00-I	EE <b>I</b> 16	5PR-1S14	18	5SV-H	<b>I</b> 22, 24, 27
5F-4WWX06	<b>I</b> 15	5F-8WWX03	<b>I</b> 16	5PR-1S18	<b>I</b> 8	5SV-H-RK	<b>I</b> 22
5F-4WWX08	<b>I</b> 15	5F-8WWX05	<b>I</b> 16	5PR-2S00	<b>I</b> 5	5SV-RK	<b>I</b> 27
5F-4WWX10	<b>I</b> 15	5F-8WWX06	<b>I</b> 16	5PR-2S00-12	WB <b>1</b> 5	5SV-WH	<b>I</b> 23-25, 27; <b>J</b> 8
5F-4WWX12	<b>I</b> 15	5F-8WWX08	<b>I</b> 17	5PR-2S00-C	<b>I</b> 5	5WG-1000-01	<b>I</b> 23-25, 27; <b>J</b> 8
5F-8DLS00	<b>I</b> 19	5F-8WWX10	<b>I</b> 16	5PR-2S06	<b>I</b> 5	64L	<b>ACS</b> 13
5F-8DLS03	<b>I</b> 19	5F-8WWX12	<b>I</b> 16	5PR-2S08	<b>I</b> 5	66L	<b>ACS</b> 13
5F-8DLS05	<b>I</b> 19	5F-8WWX14	<b>I</b> 16	5PR-2S10	<b>I</b> 5	67L	<b>ACS</b> 13
5F-8DLS06	<b>I</b> 19	5F-8WWX16	<b>I</b> 16	5PR-2S12	<b>I</b> 5	98A	<b>ACS</b> 19
5F-8DLS08	<b>I</b> 19	5F-8WWX18	<b>I</b> 16	5PR-2S12-C	<b>I</b> 5	AG-5C	<b>F</b> 7
5F-8DLS09	<b>I</b> 19	5F-VF05	<b>I</b> 26	5PR-2S14	<b>I</b> 5	AG-5D	<b>F</b> 7
5F-8DLS10	<b>I</b> 19	5GF-8P	<b>I</b> 22	5PR-4D00	<b>I</b> 4	AG-5E	<b>F</b> 7
5F-8DLS12	<b>I</b> 19	5GF-8P-WS	<b>I</b> 22	5PR-4D08	<b>I</b> 4	AG-5F	<b>F</b> 7
5F-8DLS14	<b>I</b> 19	5GF-12P	<b>I</b> 22	5PR-4D12	<b>I</b> 4	AG-6C	<b>F</b> 7
5F-8DLX00	<b>I</b> 18	5GF-16P	<b>I</b> 22	5PR-8D00	<b>I</b> 7	AG-6D	<b>F</b> 7
5F-8DLX03	<b>I</b> 18	5GF-RK	<b>I</b> 21	5PR-8D06	<b>I</b> 7	AG-6E	<b>F</b> 7
5F-8DLX05	<b>I</b> 18	5GF-W	<b>I</b> 21	5PR-8D08	<b>I</b> 7	AG-6F	<b>F</b> 7
5F-8DLX06	<b>I</b> 18	5GF-W-F	<b>I</b> 21	5PR-8D10	<b>I</b> 7	AG-7C	<b>F</b> 7
5F-8DLX08	<b>I</b> 18	5HDL-L	<b>I</b> 26	5PR-8D12	<b>I</b> 7	AG-7D	<b>F</b> 7
5F-8DLX10	<b>I</b> 18	5HDL-W	<b>I</b> 26	5PR-8D14	<b>1</b> 7	AG-7E	<b>F</b> 7
5F-8DLX12	<b>I</b> 18	5HR-2SA	<b>I</b> 23, 25	5PR-8W00	<b>I</b> 6	AG-7F	<b>F</b> 7
5F-8DLX14	<b>I</b> 18	5HR-232	<b>I</b> 23-25	5PR-8W00-C	<b>I</b> 6	AG-8C-FF	<b>F</b> 7
5F-8DLX16	<b>I</b> 18	5HR-232-01	<b>I</b> 24, 25	5PR-8W06	<b>I</b> 6	AG-8D-FF	<b>F</b> 7
5F-8DLX18	<b>I</b> 18	5HR-232-09	<b>I</b> 24, 25	5PR-8W08	<b>I</b> 6	AG-8E-FF	<b>F</b> 7
5F-8DWS00	<b>I</b> 20	5HR-232-12	<b>I</b> 24	5PR-8W10	<b>I</b> 6	AG-8F-FF	<b>F</b> 7
5F-8DWS03	<b>I</b> 20	5HR-232-01-0	GH <b>I</b> 24; <b>J</b> 8	5PR-8W12	<b>I</b> 6	AG-8C-MF	<b>F</b> 7
5F-8DWS05	<b>I</b> 20	5HR-232-GH	<b>I</b> 24; <b>J</b> 8	5PR-8W12-C	<b>I</b> 6	AG-8D-MF	<b>F</b> 7
5F-8DWS06	<b>I</b> 20	5HR-242	<b>I</b> 23-25	5PR-8W14	<b>I</b> 6	AG-8E-MF	<b>F</b> 7
5F-8DWS08	<b>I</b> 20	5HR-242-01	<b>I</b> 24, 25	5PR-8W14-C	<b>I</b> 6	AG-8F-MF	<b>F</b> 7
5F-8DWS09	<b>I</b> 20	5HR-242-01-0		5PR-8W18	<b>I</b> 6	AG-KC	<b>F</b> 7
5F-8DWS10	<b>I</b> 20	5HR-242-09	<b>I</b> 24, 25	5PR-8WLS00	<b>I</b> 6	AG-KD	<b>F</b> 7
5F-8DWS12	<b>I</b> 20	5HR-232-12	<b>I</b> 24	5PR-8WLS12	<b>I</b> 6	AG-KE	<b>F</b> 7
5F-8DWS14	<b>I</b> 20	5HR-242-GH	<b>I</b> 24	5PR-8WWS00	<b>I</b> 6	AG-KF	<b>F</b> 7
5F-8DWX00	<b>I</b> 18	5HR-2HSE-35	<b>I</b> 24, 27	5PR-8WWS12	<b>1</b> 6	AG-RC	<b>F</b> 7
5F-8DWX08	<b>I</b> 18	5HR-2HSE-50		5SL-1000	<b>I</b> 21	AW-5A	<b>F</b> 10
5F-8DWX10	<b>I</b> 18	5HR-2SA	<b>I</b> 24, 26	5SP-03	<b>I</b> 28	AW-5B	<b>A</b> 46; <b>F</b> 10
5F-8DWX12	<b>I</b> 18	5HR-342	<b>I</b> 23	5SP-03A	<b>I</b> 28	AW-5C	<b>F</b> 10
5F-8WLS06	<b>I</b> 16	5HR-342-01-0	GH <b>I</b> 24	5SP-05	<b>I</b> 28	AW-5D	<b>F</b> 10
5F-8WLS12	<b>I</b> 16	5HR-342-09-	GH <b>I</b> 24	5SP-05A	<b>I</b> 28	B-0015-H	<b>ACS</b> 22
5F-8WLX00	<b>I</b> 16	5HR-342-GH	<b>I</b> 24	5SP-06	<b>I</b> 28	B-0018-H	<b>ACS</b> 22
5F-8WLX00-E	<b>I</b> 16	5HR-HDL	<b>I</b> 26	5SP-06A	<b>I</b> 28	B-0018-R	<b>ACS</b> 22
5F-8WLX03	<b>I</b> 16	5HR-HDL-L	<b>I</b> 26	5SP-08	<b>I</b> 28	B-0020-H	<b>ACS</b> 22
5F-8WLX05	<b>I</b> 16	5HR-HDL-W	<b>I</b> 26	5SP-08A	<b>I</b> 28	B-0020-H2A	<b>ACS</b> 22
5F-8WLX06	<b>I</b> 16	5HSE44	<b>I</b> 27	5SP-10	<b>I</b> 28	B-0020-HM	<b>ACS</b> 22
5F-8WLX08	<b>I</b> 16	5HSE68	<b>I</b> 27	5SP-10A	<b>I</b> 28	B-0020-R	<b>ACS</b> 22
5F-8WLX10	<b>I</b> 16	5HSE84	<b>I</b> 27	5SP-12	<b>I</b> 28	B-0023-H	<b>ACS</b> 22
5F-8WLX12	<b>I</b> 16	5HSE96	<b>I</b> 27	5SP-12A	<b>I</b> 28	B-0024-H	<b>ACS</b> 22
5F-8WLX14	<b>I</b> 16	5PR-1S00	<b>I</b> 8	5SP-14	<b>I</b> 28	B-0024-H2A	<b>ACS</b> 22
5F-8WLX16	<b>I</b> 16	5PR-1S00-60	<b>I</b> 8	5SP-16	<b>I</b> 28	B-0026-H	<b>ACS</b> 22
5F-8WLX18	<b>I</b> 16	5PR-1S06	<b>1</b> 8	5SP-18	<b>I</b> 28	B-0026-H2A	<b>ACS</b> 22
5F-8WWS06	<b>I</b> 16	5PR-1S08	<b>I</b> 8	5SV	<b>I</b> 27	B-0026-HM	<b>ACS</b> 22
5F-8WWS12	<b>I</b> 16	5PR-1S10	<b>1</b> 8	5SV-B	<b>I</b> 27	B-0028-H	<b>ACS</b> 22
5F-8WWX00	<b>I</b> 17	5PR-1S12	<b>I</b> 8	5SV-C	<b>I</b> 5, 27	B-0028-H2A	<b>ACS</b> 22
		I		1		I	



							G-11
Model No. Se	ction & Page	Model No. S	ection & Page	Model No. Sect	ion & Page	Model No. Section	on & Page
B-0032-H	A35; ACS22	B-0100-SWV	<b>A</b> 6-8, 35, 36, 49	B-0111-02	<b>A</b> 27	B-0113-M	<b>A</b> 13
B-0032-H2A	<b>ACS</b> 22	B-0101	<b>A</b> 35, 37	B-0111-B	<b>A</b> 27	B-0113-SWV	<b>A</b> 6, 7, 13
B-0036-H	<b>ACS</b> 22	B-0101-60H	<b>A</b> 35, 37	B-0111-BC	<b>A</b> 27	B-0113-V-BC	<b>A</b> 10
B-0036-H-SWV	<b>A</b> 6, <b>ACS</b> 22	B-0101-A	<b>A</b> 35	B-0111-BR	<b>A</b> 27	B-0113-Y	<b>A</b> 13
B-0040-H2A	<b>ACS</b> 22	B-0101-E72-053	3A <b>A</b> 35	B-0111-C	<b>A</b> 27	B-0114-01	<b>A</b> 30
B-0042-H2A	<b>ACS</b> 22	B-0102	<b>B</b> 9	B-0112	<b>A</b> 27	B-0114-01B	<b>A</b> 30
B-0044-H	<b>A</b> 35; <b>ACS</b> 22	B-0102-A	<b>B</b> 9	B-0113	<b>A</b> 13	B-0114-02	<b>A</b> 30
B-0044-H-SWV	<b>A</b> 6, 35; <b>ACS</b> 22	B-0102-B	<b>B</b> 9	B-0113-01BY	<b>A</b> 13	B-0114-RK	<b>G</b> 3
B-0044-H2A <b>A</b> 35	5; <b>ACS</b> 9, 22; <b>B</b> 9	B-0102-C	<b>B</b> 9	B-0113-079X-V-B	<b>A</b> 13	B-0117	<b>A</b> 31
B-0044-H2A-SWV	A6; ACS22	B-0103	ACS9	B-0113-08	<b>A</b> 9	B-0119	<b>A</b> 49
B-0044-H2AML	<b>ACS</b> 22	B-0103-01	ACS9	B-0113-08C	<b>A</b> 9	B-0121	<b>A</b> 27
B-0044-H2AMS	<b>ACS</b> 22	B-0103-F03	ACS9	B-0113-12-CR-B	<b>A</b> 13	B-0122	<b>A</b> 27
B-0044-HF	<b>ACS</b> 22	B-0103-F05	ACS9	B-0113-12-CRBJST	<b>A</b> 11	B-0123	<b>A</b> 16
B-0044-HML	<b>ACS</b> 22	B-0103-F07	ACS9	B-0113-12-CRBJSW	<b>A</b> 11	B-0123-08	<b>A</b> 14
B-0044-HMS	<b>ACS</b> 22	B-0103-F10	ACS9	B-0113-12-CRVB	<b>A</b> 13	B-0123-08C	<b>A</b> 14
B-0044-R	<b>ACS</b> 22	B-0103-F12	ACS9	B-0113-12-CRVBC	<b>A</b> 11	B-0123-12-CR-BC	<b>A</b> 15
B-0044-R2A	<b>ACS</b> 22	B-0103-F15	ACS9	B-0113-A06-08	<b>A</b> 9	B-0123-12CRCVBC	<b>A</b> 15
B-0044-RML	<b>ACS</b> 22	B-0103-F20	ACS9	B-0113-A06-B08	<b>A</b> 9	B-0123-A06-B08	<b>A</b> 14
B-0044-RMS	<b>ACS</b> 22	B-0104	<b>A</b> 49; <b>B</b> 9; <b>D</b> 51	B-0113-A06-B08C	<b>A</b> 9	B-0123-A06-B08C	<b>A</b> 14
B-0044-RV9	<b>ACS</b> 22	B-0104-A	<b>A</b> 49; <b>B</b> 9	B-0113-A10-08C	<b>A</b> 9	B-0123-A08-B08	<b>A</b> 14
B-0044-V	<b>ACS</b> 22	B-0104-D	<b>A</b> 40, 49; <b>D</b> 51	B-0113-A12-08C	<b>A</b> 9	B-0123-A08-B08C	<b>A</b> 14
B-0044-V9	<b>ACS</b> 22	B-0104-H	<b>ACS</b> 22	B-0113-A12-B08	<b>A</b> 9	B-0123-A10-B08	<b>A</b> 14
B-0048-H	<b>ACS</b> 22	B-0105	<b>A</b> 38	B-0113-A12-B08C	<b>A</b> 9	B-0123-A10-B08C	<b>A</b> 14
B-0050-H	<b>ACS</b> 22	B-0106	<b>A</b> 35, 37	B-0113-A12B-TEE	<b>A</b> 13, 17	B-0123-A12-08	<b>A</b> 14
B-0050-H2A	<b>ACS</b> 22	B-0107 <b>A</b> 45	5, 46, 48; <b>E</b> 8, 20	B-0113-A12-V-BC	<b>A</b> 11	B-0123-A12-08C	<b>A</b> 14
B-0054-H	<b>ACS</b> 22	B-0107-035	<b>A</b> 45, 46	B-0113-A12B-TEE	<b>A</b> 13	B-0123-A12-B08	<b>A</b> 14
B-0054-H2A	<b>ACS</b> 22	B-0107-090	<b>A</b> 45, 46	B-0113-ADF06	<b>A</b> 13	B-0123-A12-B08C	<b>A</b> 14
B-0054-V	<b>ACS</b> 22	B-0107-A	<b>B</b> 9	B-0113-ADF08-B	<b>A</b> 13	B-0123-A12-V-BC	<b>A</b> 15
B-0056-H	<b>ACS</b> 22	B-0107-B	<b>B</b> 9	B-0113-ADF10-B	<b>A</b> 13	B-0123-ADF06-B	<b>A</b> 16
B-0056-H2A	<b>ACS</b> 22	B-0107-C <b>A</b>	4, 10, 45, 47, 48	B-0113-ADF12	<b>A</b> 13	B-0123-ADF08	<b>A</b> 16
B-0056-HMS	<b>ACS</b> 22	B-0107-C35	<b>A</b> 4, 45, 47	B-0113-ADF12-B	<b>A</b> 12, 13	B-0123-ADF08-B	<b>A</b> 16
B-0060-H	<b>ACS</b> 22	B-0107-C90	<b>A</b> 45, 47	B-0113-ADF12-BJ	<b>A</b> 11, 13	B-0123-ADF10-B	<b>A</b> 16
B-0066-H2A	<b>ACS</b> 22	B-0107-CM	<b>A</b> 45	B-0113-B	<b>A</b> 12, 13	B-0123-ADF12	<b>A</b> 16
B-0068-H	<b>ACS</b> 22	B-0107-J	<b>A</b> 4, 8, 10, 45, 47	B-0113-B-SWV	<b>A</b> 6, 13	B-0123-ADF12-B	<b>A</b> 16
B-0068-H-SWV	<b>A</b> 6, <b>ACS</b> 22	B-0107-J90	<b>A</b> 45, 47	B-0113-B-TEE	<b>A</b> 12, 13, 17	B-0123-ADF12-BJ	<b>A</b> 15
B-0068-H2A	<b>ACS</b> 22	B-0107-M	<b>A</b> 45, 46	B-0113-B08	<b>A</b> 9	B-0123-B	<b>A</b> 16
B-0068-HML	<b>ACS</b> 22	B-0107-QD	<b>A</b> 45, 46	B-0113-B08C	<b>A</b> 9	B-0123-B08	<b>A</b> 14
B-0068-HMS	<b>ACS</b> 22	B-0108 <b>A</b> 9, 18	3, 19, 43, 45, 46;	B-0113-B9	<b>A</b> 13	B-0123-B08C	<b>A</b> 14
B-0068-R	ACS21; D50		<b>E</b> 8, 20	B-0113-BC	<b>A</b> 10	B-0123-B9	<b>A</b> 16
B-0072-H	<b>ACS</b> 22	B-0108-C <b>A</b> 9, 18	8, 19, 43, 45, 47	B-0113-BJ	<b>A</b> 10	B-0123-BC	<b>A</b> 15
B-0080-H	<b>ACS</b> 22	B-0108-H <b>A</b> 43	3; <b>ACS</b> 22; <b>E</b> 8, 20	B-0113-BJ-SWV-T	ACS16; A10	B-0123-BM	<b>A</b> 16
B-0084-H	<b>ACS</b> 22	B-0109-01	<b>A</b> 12, 49	B-0113-BM	<b>A</b> 13	B-0123-C	<b>A</b> 15
B-0084-V	<b>ACS</b> 22	B-0109-01M	<b>A</b> 49	B-0113-BR	<b>A</b> 13	B-0123-CR	<b>A</b> 16
B-0096-H	<b>ACS</b> 22	B-0109-01VR	<b>A</b> 49	B-0113-BY	<b>A</b> 13	B-0123-CR-B	<b>A</b> 16
B-0100	<b>A</b> 35	B-0109-02	<b>A</b> 49	B-0113-C	<b>A</b> 10	B-0123-CR-BC	<b>A</b> 15
B-0100-08	<b>A</b> 35, 36	B-0109-03	<b>A</b> 49	B-0113-CR	<b>A</b> 13	B-0123-CR-CCV-B	<b>A</b> 16
B-0100-08C	<b>A</b> 35, 36	B-0109-03VR	<b>A</b> 49	B-0113-CR-B	<b>A</b> 13	B-0123-CR-J	<b>A</b> 15
B-0100-32H	<b>A</b> 35	B-0109-04	<b>A</b> 49	B-0113-CR-J	<b>A</b> 10	B-0123-J	<b>A</b> 15
B-0100-C	<b>A</b> 35, 36	B-0109-05	<b>A</b> 49	B-0113-CR-V-B	<b>A</b> 13	B-0123-M	<b>A</b> 16
B-0100-C-SWV	<b>A</b> 6-8, 35, 36	B-0109-06	<b>A</b> 49; <b>E</b> 11	B-0113-CR-V-BC	<b>A</b> 10	B-0123-V-BC	<b>A</b> 15
B-0100-CM	<b>A</b> 35, 36	B-0109-07	<b>A</b> 49	B-0113-J	<b>A</b> 10	B-0124	<b>A</b> 30
B-0100-J-SWV	<b>A</b> 6-8, 35, 37	B-0110	<b>A</b> 49; <b>D</b> 38	B-0113-K	<b>G</b> 3	B-0126	<b>A</b> 32
B-0100-M	<b>A</b> 35	B-0111	<b>A</b> 27	B-0113-LN	<b>A</b> 9-12, 27	B-0126-CR	<b>A</b> 32
		I					



							G-11
Model No. Section	n & Page	Model No. Section	on & Page	Model No. Se	ection & Page	Model No. S	ection & Page
B-0126-R	<b>A</b> 32	B-0133-ADF08	<b>A</b> 21	B-0133-V-B-68H	<b>A</b> 21	B-0173	<b>A</b> 24
B-0126-VB	<b>A</b> 32	B-0133-ADF08-B	<b>A</b> 21	B-0133-V-BC	<b>A</b> 22	B-0173-B	<b>A</b> 24
B-0126-VBR	<b>A</b> 32	B-0133-ADF10-B	<b>A</b> 21	B-0134	<b>A</b> 30	B-0175	<b>A</b> 40
B-0127	<b>A</b> 31	B-0133-ADF10-BR	<b>A</b> 21	B-0134-B	<b>A</b> 30	B-0175-01	<b>A</b> 40
B-0129	<b>A</b> 32	B-0133-ADF12	<b>A</b> 21	B-0137	<b>A</b> 31	B-0175-02	<b>A</b> 40
B-0129-VB	<b>A</b> 32	B-0133-ADF12-B	<b>A</b> 21	B-0140	<b>A</b> 33	B-0175-03	<b>A</b> 40
B-0130	<b>A</b> 32	B-0133-ADF12-BC	<b>A</b> 22	B-0140-01	<b>A</b> 33	B-0175-CR	<b>A</b> 40
B-0131	<b>A</b> 28	B-0133-ADF12-BJ	<b>A</b> 22	B-0140-08	<b>A</b> 33	B-0176	<b>A</b> 40
B-0131-ADF12-BC	<b>A</b> 28	B-0133-ADF12-BM	<b>A</b> 21	B-0141	<b>A</b> 29	B-0176-ER	<b>A</b> 40
B-0131-ADF14-B	<b>A</b> 28	B-0133-ADF12-BR	<b>A</b> 21	B-0143	<b>A</b> 24	B-0177	<b>A</b> 41
B-0131-B	<b>A</b> 28	B-0133-ADF14-B	<b>A</b> 21	B-0143-01	<b>A</b> 24	B-0178	<b>A</b> 41
B-0131-BC	<b>A</b> 28	B-0133-ADF14-BR	<b>A</b> 21	B-0144-H	<b>ACS</b> 22	B-0180	<b>B</b> 16
B-0131-BC-28H	<b>A</b> 28	B-0133-ADF16-B	<b>A</b> 21	B-0152-CR-C-TEE	<b>A</b> 17	B-0182	<b>B</b> 16
B-0131-BC-425	<b>A</b> 28	B-0133-ADF16-BR	<b>A</b> 21	B-0153	<b>A</b> 24	B-0187	<b>B</b> 17
B-0131-C	<b>A</b> 28, 29	B-0133-ADF-LN	<b>A</b> 21	B-0155	<b>A</b> 44	B-0188	<b>B</b> 17
B-0131-CR-B	<b>A</b> 28	B-0133-B	<b>A</b> 20	B-0155-01LN	<b>A</b> 44	B-0190	<b>B</b> 17
B-0131-CR-B08C	<b>A</b> 28	B-0133-B-02	<b>A</b> 20	B-0155-05	<b>A</b> 44	B-0192	<b>B</b> 17
B-0131-CR-B28H	<b>A</b> 19	B-0133-B-SWV	<b>A</b> 6, 20	B-0155-05CR	<b>A</b> 44	B-0193	<b>B</b> 17
B-0132	<b>A</b> 28	B-0133-B-TEE	<b>A</b> 17, 20	B-0155-05LN	<b>A</b> 44	B-0195	<b>B</b> 17
B-0133	<b>A</b> 20	B-0133-B08	<b>A</b> 18, 19	B-0155-064X	<b>A</b> 44	B-0196	<b>B</b> 17
B-0133-01	<b>A</b> 21	B-0133-B08-SWV	<b>A</b> 6, 19	B-0155-CR-LN	<b>A</b> 44	B-0198	ACS9
B-0133-01-36H	<b>A</b> 21	B-0133-B08C	<b>A</b> 19	B-0155-LN	<b>A</b> 38, 44	B-0198-F03	ACS9
B-0133-01-CR	<b>A</b> 21	B-0133-B9	<b>A</b> 20	B-0155-LNEZ	<b>A</b> 12, 44	B-0198-F05	ACS9
B-0133-01-CR-8C	<b>A</b> 19	B-0133-BC	<b>A</b> 22	B-0155-LNM	<b>A</b> 44	B-0198-F07	ACS9
B-0133-08	<b>A</b> 18, 19	B-0133-BJ	<b>A</b> 22	B-0155-M	<b>A</b> 44	B-0198-F10	ACS9
B-0133-08C	<b>A</b> 18, 19	B-0133-BJ-SWV-T	<b>A</b> 22	B-0156	<b>A</b> 44	B-0198-F12	ACS9
B-0133-12CRBJSK	<b>A</b> 22	B-0133-BM	<b>A</b> 20	B-0156-05	<b>A</b> 44	B-0198-F15	ACS9
B-0133-12CRBJST	<b>A</b> 22	B-0133-BQD	<b>A</b> 20	B-0156-CR	<b>A</b> 44	B-0198-F20	ACS9
B-0133-12CRVBCE	<b>A</b> 22	B-0133-BR	<b>A</b> 20	B-0156-CR-LN	<b>A</b> 33	B-0199-01	ACS3, 7; D78
B-0133-12-CRVBE	<b>A</b> 21	B-0133-C	<b>A</b> 22	B-0156-EZ	<b>A</b> 12, 44	B-0199-01-F10	ACS7; D78
B-0133-18DJ-CRB	<b>A</b> 21	B-0133-CC	<b>A</b> 20	B-0156-M	<b>A</b> 44	B-0199-01-N03	,
B-0133-A06-08	<b>A</b> 19	B-0133-CCB	<b>A</b> 20	B-0157	<b>A</b> 44	B-0199-01-N05	
B-0133-A06-08C	<b>A</b> 19	B-0133-CCB-CR	<b>A</b> 20	B-0157-05	<b>A</b> 44	B-0199-01-WS	<b>ACS</b> 7; <b>D</b> 78
B-0133-A08-08	<b>A</b> 19	B-0133-CCB-M	<b>A</b> 21	B-0157-CR	<b>A</b> 44	B-0199-01F	<b>ACS</b> 7; <b>D</b> 78
B-0133-A08-08C	<b>A</b> 11	B-0133-CR	<b>A</b> 21	B-0157-M	<b>A</b> 44	B-0199-02	<b>ACS</b> 7; <b>D</b> 78
B-0133-A08-B08	<b>A</b> 19	B-0133-CR-B	<b>A</b> 21	B-0158	<b>A</b> 25, 44	B-0199-02-F10	<b>ACS</b> 7; <b>D</b> 78
B-0133-A08-B08C	<b>A</b> 19	B-0133-CR-B08	<b>A</b> 19	B-0158-CR	<b>A</b> 44	B-0199-02-N03	•
B-0133-A10-08C	<b>A</b> 19	B-0133-CR-B08C	<b>A</b> 19	B-0159	<b>A</b> 49	B-0199-02-N05	,
B-0133-A10-B08	<b>A</b> 19	B-0133-CR-B08W4	<b>A</b> 19	B-0160	<b>A</b> 38	B-0199-02-WS	ACS7; D78
B-0133-A10-B08C	<b>A</b> 19	B-0133-CR-B8SWX	<b>A</b> 6, 19	B-0163	<b>A</b> 24	B-0199-02F	ACS7; D78
B-0133-A12-08	<b>A</b> 19	B-0133-CR-BC	<b>A</b> 22	B-0165	<b>A</b> 38	B-0199-03	ACS7; D78
B-0133-A12-08C	<b>A</b> 19	B-0133-CR-C	A22	B-0165-C35-68F		B-0199-03-N03	•
B-0133-A12-BC4	A22	B-0133-CR-J	<b>A</b> 22		<b>A</b> 38, 40, 49; <b>J</b> 3	B-0199-03-N05	
B-0133-A12-B08	<b>A</b> 19	B-0133-CR-V-BCE	<b>A</b> 22	B-0167	<b>A</b> 39	B-0199-03-WS	ACS7; D78
B-0133-A12-B08C	<b>A</b> 18, 19	B-0133-CR-V-BE	<b>A</b> 21	B-0167-01	<b>A</b> 39	B-0199-03F	ACS7; D78
B-0133-A12-B8CX	<b>A</b> 19	B-0133-EE-B	A21	B-0167-HH	<b>A</b> 40	B-0199-04	ACS7; D78
B-0133-A12-BC4	A22	B-0133-EE-BM	A21	B-0168	A39	B-0199-04-N03	•
B-0133-A12-CCB	<b>A</b> 21	B-0133-EE-CR-8C	<b>A</b> 19	B-0169	<b>A</b> 39	B-0199-04-N05	,
B-0133-A12B-TEE	A17, 21	B-0133-J	A22	B-0169-01	<b>A</b> 39	B-0199-04-WS	ACS7; D78
B-0133-A14-CCB	A21	B-0133-LB	<b>A</b> 21	B-0169-102C-96		B-0199-05-N03	,
B-0133-A16-CR-B	A21	B-0133-M	<b>A</b> 21	B-0170	A39	B-0199-05-N05	,
B-0133-ADF06	A21	B-0133-SWV	<b>A</b> 6, 21	B-0171	A29	B-0199-05-WS	ACS7; D78
B-0133-ADF06-B	<b>A</b> 21	B-0133-V-B	<b>A</b> 21	B-0171-01	<b>A</b> 29	B-0199-06	<b>ACS</b> 7; <b>D</b> 78



							G-11
Model No. Sec	tion & Page	Model No. Se	ection & Page	Model No. Sec	tion & Page	Model No. Secti	on & Page
B-0199-06-F10	ACS7; D78	B-0205-LN	<b>A</b> 25, <b>C</b> 4, 6, 10	B-0225-LN	<b>c</b> 5, 7, 14	B-0231-CR-EK	<b>c</b> 5, 17
B-0199-06-N035	ACS8; D79	B-0205-LNM	<b>C</b> 4, 10	B-0225-LNM	<b>c</b> 5, 14	B-0231-CR-KIT	<b>C</b> 5, 17
B-0199-06-N05	ACS8; D79	B-0205-M	<b>c</b> 4, 10	B-0225-M	<b>c</b> 5, 14	B-0231-CR-M	<b>C</b> 5, 17
B-0199-06-WS	ACS7; D78	B-0206	<b>c</b> 4, 10	B-0226	<b>c</b> 5, 14	B-0231-CR-SC	<b>C</b> 5, 17
B-0199-06F	ACS7; D78	B-0206-01	<b>c</b> 4, 10	B-0226-CC	<b>c</b> 5, 14	B-0231-EE	<b>C</b> 5, 17
B-0199-07	ACS7; D78	B-0206-02	<b>c</b> 4, 10	B-0227	<b>c</b> 5, 14	B-0231-EE-A22	<b>C</b> 5, 17
B-0199-07-F10	ACS7; D78	B-0206-CR	<b>C</b> 4, 10	B-0227-CC	<b>c</b> 5, 14	B-0231-EE-A22CR	<b>C</b> 5, 17
B-0199-07-N035	ACS8; D79	B-0206-M	<b>C</b> 4, 10	B-0227-CR	<b>C</b> 5	B-0231-EE-CR	<b>C</b> 5, 17
B-0199-07-N05	ACS8; D79	B-0207	<b>C</b> 4, 10	B-0227-M	<b>c</b> 5, 14	B-0231-EEM	<b>C</b> 5, 17
B-0199-07-WS	<b>ACS</b> 7; <b>D</b> 78	B-0207-CR	<b>C</b> 4, 10	B-0228	<b>c</b> 5, 14	B-0231-M	<b>C</b> 5, 17
B-0199-07F	<b>ACS</b> 7; <b>D</b> 78	B-0207-CR-LS	<b>C</b> 4, 10	B-0228-CC	<b>c</b> 5, 14	B-0231-VF22-EL	<b>C</b> 5, 17
B-0199-08	<b>ACS</b> 7; <b>D</b> 78	B-0207-M	<b>C</b> 4, 10	B-0228-CR	<b>C</b> 5, 14	B-0231-WH4	<b>C</b> 5, 17
B-0199-08-LF10	<b>ACS</b> 8; <b>D</b> 79	B-0208	<b>c</b> 6, 9	B-0228-M	<b>C</b> 5, 14	B-0232	<b>C</b> 5, 17
B-0199-08-N035	<b>ACS</b> 8; <b>D</b> 79	B-0208-CR	<b>c</b> 6, 9	B-0230	<b>c</b> 5, 16	B-0232-BST	<b>C</b> 5, 17
B-0199-08-N05	<b>ACS</b> 8; <b>D</b> 79	B-0208-CR-HW	<b>c</b> 6, 9	B-0230-01	<b>C</b> 7, 15	B-0232-CC	<b>C</b> 5, 18
B-0199-08-WS	<b>ACS</b> 7; <b>D</b> 78	B-0210	<b>c</b> 8, 11	B-0230-01-QT	<b>C</b> 7, 15	B-0232-CC-CR	<b>c</b> 5, 18
B-0199-08F	ACS7; D78	B-0210-060X	<b>c</b> 8, 11	B-0230-02	<b>c</b> 5, 16	B-0232-EE	<b>C</b> 5, 18
B-0199-09	ACS7; D78	B-0210-LN	<b>c</b> 8, 11	B-0230-14-CR-SC	<b>c</b> 5, 16	B-0232-ELK	<b>c</b> 5, 18
B-0199-09-LF10	ACS8; D79	B-0210-LNM	<b>C</b> 11	B-0230-132XA-CR	<b>C</b> 7	B-0232-F1-CR-SC	<b>c</b> 5, 18
B-0199-09-LF15	ACS8; D79	B-0211	<b>C</b> 8, 11	B-0230-132XA-EL	<b>C</b> 15	B-0232-M	<b>c</b> 5, 18
B-0199-09-N035	ACS8; D79	B-0212	<b>C</b> 8, 11	B-0230-134XA-CR	<b>C</b> 7, 15	B-0233-01	<b>C</b> 7, 19
B-0199-09-N05	ACS8; D79	B-0216	<b>c</b> 8, 11	B-0230-135X-WH4	<b>C</b> 7, 15	B-0233-02	<b>c</b> 7, 19
B-0199-09-WS	<b>ACS</b> 7; <b>D</b> 78	B-0216-177F	<b>C</b> 8	B-0230-BST	<b>C</b> 5, 16	B-0233-03	<b>c</b> 7, 19
B-0199-10-N035	ACS8; D79	B-0220	<b>C</b> 4, 11	B-0230-CC	<b>C</b> 5, 16	B-0233-04	<b>c</b> 7, 19
B-0199-10-N05	ACS8; D79	B-0220-060X	<b>C</b> 4, 11	B-0230-CC-CR	<b>c</b> 5, 16	B-0234-BST	<b>c</b> 7, 18
B-0199-10-WS	<b>ACS</b> 7; <b>D</b> 78	B-0220-061X	<b>C</b> 4, 11	B-0230-CCLN	<b>C</b> 5, 16	B-0234-EE	<b>C</b> 7, 15
B-0199-21	<b>ACS</b> 3, 8; <b>D</b> 79	B-0220-CC	<b>C</b> 4, 11	B-0230-CCLNM	<b>C</b> 16	B-0235	<b>C</b> 5, 19
B-0199-21-VRF	<b>ACS</b> 3, 8; <b>D</b> 79	B-0220-CR-LN	<b>C</b> 4, 11	B-0230-CR	<b>c</b> 5, 16	B-0235-01	<b>C</b> 7, 19
B-0199-22	ACS9	B-0220-EE	<b>C</b> 4, 12	B-0230-CR-02	<b>C</b> 5, 16	B-0235-CC	<b>C</b> 5, 19
B-0199-25	<b>ACS</b> 8; <b>D</b> 79	B-0220-EE-061X	•	B-0230-CR-LN	<b>C</b> 5, 16	B-0235-LN	<b>C</b> 5, 7, 19
B-0199-26	ACS8; D79	B-0220-EELN	<b>C</b> 4, 12	B-0230-CR-WH4	<b>C</b> 5, 16	B-0235-LNM	<b>C</b> 5, 19
B-0199-27	ACS8; D79	B-0220-LN	<b>C</b> 4, 6, 12	B-0230-EE	<b>C</b> 5, 16	B-0236	<b>C</b> 5, 19
B-0199-28	<b>ACS</b> 8; <b>D</b> 79	B-0220-LNCC	<b>C</b> 4, 12	B-0230-EE-061X	<b>C</b> 5, 16	B-0236-CR	<b>C</b> 5, 19
B-0199-29	ACS8; D79	B-0220-LNCCM	<b>c</b> 4, 12	B-0230-EELN	<b>C</b> 5, 16	B-0236-CR-063X	<b>C</b> 5, 19
B-0199-29VR	<b>ACS</b> 8; <b>D</b> 79	B-0220-LNM	<b>C</b> 4, 12	B-0230-K	C15; G9; I26	B-0236-M	<b>C</b> 5, 19
B-0199-VR-KEY	ACS15	B-0220-M	<b>C</b> 4, 12	B-0230-K-M12	<b>G</b> 9	B-0237	<b>C</b> 5, 19
B-0200	<b>C</b> 4, 9	B-0221	<b>C</b> 4, 12	B-0230-KIT	<b>G</b> 9	B-0238	<b>C</b> 5
B-0200-44H-VB	<b>c</b> 6, 9	B-0221-CC	<b>C</b> 4, 12	B-0230-LNCCM	<b>C</b> 5, 7, 16	B-0238-RK	<b>G</b> 7
B-0200-60H-VB	<b>C</b> 6, 9	B-0221-CC-CR	<b>C</b> 4, 12	B-0230-LNCCM B-0230-LNM	<b>C</b> 5	B-0240 B-0240-LN	<b>c</b> 8, 20
B-0200-CR	<b>C</b> 4, 9	B-0221-CR	<b>C</b> 4		<b>C</b> 5, 16		<b>C</b> 8, 20
B-0200-CR-LN	<b>C</b> 4, 9	B-0221-EE	<b>C</b> 4, 12	B-0230-M B-0230-0SC8-CR	<b>C</b> 5, 16 <b>C</b> 16	B-0241 B-0242	<b>C</b> 8, 20 <b>C</b> 8, 20
B-0200-LN	<b>C</b> 4, 6, 9	B-0221-KK	<b>C</b> 4, 12	B-0230-03C8-CR B-0230-TZ-CR-SC		B-0242 B-0243	
B-0200-LNM	<b>C</b> 4, 9	B-0221-M	<b>C</b> 4, 12	D-0230-12-CR-3C	<b>C</b> 5, 16	B-0245	<b>C</b> 8, 20 <b>C</b> 6, 12
B-0200-M B-0201	<b>C</b> 4, 9	B-0221-WH4	<b>C</b> 4, 12	B-0231	<b>c</b> 5, 16	B-0246	<b>c</b> 6, 12
	<b>C</b> 4, 9	B-0222	<b>C</b> 4, 12	B-0231 B-0231-02	<b>c</b> 5, 16	B-0247	<b>c</b> 6, 13
B-0201-CR B-0201-M	<b>C</b> 4 <b>C</b> 4, 9	B-0222-CC B-0222-EE	<b>C</b> 4, 12 <b>C</b> 4, 12	B-0231-A22-CVH	<b>C</b> 5, 16	B-0250	<b>C</b> 6, 13
B-0201-W	<b>C</b> 4, 9	B-0222-EE	<b>C</b> 4, 12	B-0231-BB-CR	<b>C</b> 5, 17	B-0251	<b>c</b> 6, 9
B-0202 B-0202-CR	<b>C</b> 4, 9 <b>C</b> 4, 9	B-0225	<b>C</b> 5, 14	B-0231-BST	<b>C</b> 5, 17	B-0251	<b>C</b> 6, 9
B-0202-CR B-0205	<b>C</b> 4, 9	B-0225 B-0225-CC	<b>C</b> 5, 14	B-0231-B31	<b>C</b> 5, 17	B-0255	<b>c</b> 6, 10
B-0205 B-0205-44H-VB	<b>C</b> 4, 10		<b>C</b> 5, 14	B-0231-CC-CR	<b>C</b> 5, 17	B-0256	<b>C</b> 6, 10
B-0205-44H-VB B-0205-60H-VB	<b>C</b> 10	B-0225-CR B-0225-CR-LN	<b>C</b> 5, 14	B-0231-CC-CK	<b>C</b> 5, 17	B-0257	<b>c</b> 6, 10
B-0205-CR-LN	<b>C</b> 4, 10	B-0225-EELN	<b>C</b> 5, 14	B-0231-CCW	<b>C</b> 5, 17	B-0257	<b>c</b> 8, 11
2 0200 011 211	<b>3</b> -1, <b>1</b> -0	J VZZO-LLLIN	<b>0</b> 5, 14		33, 1.	= 3233	-5,



							G-11
Model No. Sec	ction & Page	Model No. Section	on & Page	Model No. Secti	ion & Page	Model No.	Section & Page
B-0260-CR-177F	<b>C</b> 8, 11	B-0300-VR4	<b>C</b> 22	B-0325-CC-CR	<b>c</b> 21	B-0409-03	ACS5
B-0261	<b>c</b> 8, 11	B-0300-WH4	<b>C</b> 22	B-0325-CC-CR-W4	<b>C</b> 21	B-0409-04	ACS5
B-0262	<b>c</b> 8, 11	B-0301	<b>c</b> 6, 20	B-0325-CR	<b>C</b> 21	B-0411-F03	<b>ACS</b> 21
B-0265	<b>c</b> 7, 18	B-0301-01	<b>c</b> 6, 20	B-0325-LN	<b>C</b> 21	B-0411-F05	<b>ACS</b> 21
B-0265-BST	<b>c</b> 7, 18	B-0301-01-QT	<b>c</b> 6, 20	B-0325-LNCC	<b>C</b> 21	B-0411-F07	ACS21
B-0266	<b>c</b> 7, 18	B-0301-01QT-WS	<b>c</b> 6, 20	B-0325-NPL	<b>C</b> 21	B-0411-F10	<b>ACS</b> 21
B-0266-BST	<b>C</b> 7	B-0301-VR	<b>c</b> 6, 20	B-0325-WH4	<b>C</b> 7, 21	B-0411-F12	<b>ACS</b> 21
B-0266-CR-SC	<b>C</b> 7	B-0301-W4-QT-WS	<b>c</b> 6, 20	B-0326	<b>C</b> 25	B-0411-F15	<b>ACS</b> 21
B-0267	<b>c</b> 7, 18	B-0301-WH4	<b>c</b> 6, 20	B-0326-LN	<b>C</b> 25; <b>J</b> 2	B-0411-F16	ACS21
B-0267-BST	<b>c</b> 7, 18	B-0305	<b>C</b> 23	B-0328-CR-VF05	<b>C</b> 25	B-0411-F20	<b>ACS</b> 21
B-0270	<b>B</b> 10	B-0305-01	<b>C</b> 23	B-0330	<b>C</b> 24	B-0412	ACS21; D19
B-0270-144XVF22		B-0305-03	<b>C</b> 23	B-0330-01	<b>C</b> 24	B-0412-F05	<b>ACS</b> 21
B-0271	<b>B</b> 10	B-0305-102A-CR	<b>B</b> 13	B-0330-01-W4F12	<b>C</b> 24	B-0412-F12	<b>ACS</b> 21
B-0273	<b>E</b> 23	B-0305-CR	<b>C</b> 23	B-0330-01-WH4	<b>C</b> 24	B-0412-F15	<b>ACS</b> 21
B-0273-QD	<b>E</b> 21	B-0305-LN	<b>A</b> 26; <b>C</b> 23	B-0330-04	<b>C</b> 24	B-0412-F20	<b>ACS</b> 21
B-0275	<b>B</b> 10	B-0305-LN-175F	<b>C</b> 23	B-0330-BST	<b>C</b> 24	B-0412-M	<b>ACS</b> 21
B-0276	<b>B</b> 10	B-0305-QT-WS	<b>C</b> 23	B-0330CR-PRISON	<b>C</b> 24	B-0413	<b>ACS</b> 21
B-0277	<b>B</b> 10	B-0305-VF22	<b>C</b> 23	B-0330-LN	<b>C</b> 24	B-0413-M	ACS21
B-0281	<b>B</b> 11	B-0305-VR	<b>C</b> 23	B-0331	<b>C</b> 7, 21	B-0413-M50	<b>ACS</b> 21
B-0284	<b>B</b> 18	B-0305-VR4	<b>C</b> 23	B-0331-BST	<b>C</b> 7, 21	B-0414	<b>ACS</b> 21
B-0286-LNEZ	<b>A</b> 34; <b>B</b> 18	B-0306	<b>c</b> 6, 22	B-0331-CC	<b>C</b> 7, 21	B-0414-M	<b>ACS</b> 21
B-0287	<b>A</b> 34; <b>B</b> 18	B-0308-04	<b>C</b> 22	B-0331-CR	<b>C</b> 21	B-0415	<b>D</b> 76
B-0287-427-B	<b>A</b> 34; <b>B</b> 18	B-0308-04QT-WS	<b>C</b> 22	B-0331-VF22-EL	<b>c</b> 21	B-0416	<b>D</b> 33, 76
B-0288	<b>B</b> 19	B-0308-QT	<b>C</b> 22	B-0340	<b>C</b> 25	B-0418	<b>D</b> 76
B-0289	<b>A</b> 34; <b>B</b> 18	B-0308-QT-VWS	<b>C</b> 22	B-0340-LN	<b>C</b> 25	B-0423	<b>ACS</b> 19
B-0290	<b>B</b> 18, 19	B-0308-QT-WS	<b>C</b> 22	B-0341	<b>c</b> 7, 19	B-0424	<b>ACS</b> 19
B-0290-01	<b>B</b> 18	B-0310	<b>C</b> 24	B-0342	<b>C</b> 25	B-0425	<b>A</b> 49; <b>ACS</b> 19
B-0290-04	<b>B</b> 18	B-0310-119X-WS	<b>C</b> 24	B-0342CR-PRISON	<b>C</b> 25	B-0425-M	<b>A</b> 49; <b>ACS</b> 19; <b>I</b> 7, 26
B-0290-14	<b>B</b> 18	B-0310-LN	<b>C</b> 24	B-0342-LN	<b>C</b> 25	B-0426	A49; ACS19
B-0290-K	<b>G</b> 5	B-0312	<b>C</b> 8, 22	B-0343	<b>c</b> 8, 20	B-0427	A49; ACS19
B-0290-LN	<b>B</b> 18, 19	B-0315	<b>C</b> 24	B-0345	<b>C</b> 25	B-0428	A49; ACS19
B-0290-PRISON	<b>B</b> 19	B-0315-LN	<b>C</b> 24	B-0345-LN	<b>C</b> 25	B-0429	A49; ACS19
B-0291	<b>B</b> 18, 19	B-0316	<b>C</b> 15	B-0346	<b>C</b> 22	B-0430	<b>A</b> 24
B-0292	<b>B</b> 18, 19	B-0316-LN	<b>C</b> 15	B-0350	<b>D</b> 31	B-0440	ACS18
B-0293 B-0293-01	<b>B</b> 19	B-0318-02	<b>B</b> 14	B-0350-04	<b>D</b> 31	B-0441	ACS18; D39-40
	<b>B</b> 19	B-0318-03	<b>B</b> 14	B-0352	<b>D</b> 31	B-0442	ACS18
B-0293-14 B-0294	<b>B</b> 19 <b>B</b> 19	B-0319 B-0319-01	<b>B</b> 14 <b>B</b> 11	B-0352-04	<b>D</b> 31	B-0443	ACS18 ACS18
B-0294 B-0295	<b>B</b> 19	B-0319-01	B11	B-0353-04	<b>D</b> 31	B-0445	ACS18
B-0296	<b>A</b> 34; <b>B</b> 19, 20	B-0319-02 B-0319-03	<b>B</b> 11	B-0355-04 B-0362	<b>D</b> 31 <b>D</b> 39	B-0446 B-0447	ACS18
B-0296-BKT	<b>B</b> 20	B-0319-04	<b>B</b> 11	B-0302 B-0405-02	ACS5	B-0447 B-0448	ACS18
B-0296-LN	<b>B</b> 19	B-0320	<b>C</b> 24	B-0405-02 B-0405-03	ACS5; C35	B-0448 B-0449	ACS18
B-0296-PRISON	<b>B</b> 20	B-0320-LN	<b>C</b> 24	B-0405-04	ACS5, CS5	B-0452	<b>A</b> 42
B-0297	<b>B</b> 19, 20	B-0321	<b>C</b> 6, 15	B-0406-02	ACS5	B-0455	<b>D</b> 60
B-0298	<b>B</b> 19, 20	B-0321-CC	<b>C</b> 6, 15	B-0406-03	ACS5	В-0455-04	<b>D</b> 60
B-0300	<b>C</b> 22	B-0321-CC-CR	<b>c</b> 6, 15	B-0406-04	ACS5	В-0456	<b>D</b> 60
B-0300-102A	<b>B</b> 12	B-0321-NPL	<b>c</b> 6, 15	B-0407-02	ACS5	B-0456-04	<b>D</b> 60
B-0300-102A-CR	<b>B</b> 12	B-0322	<b>D</b> 31	B-0407-02	ACS5	B-0457	<b>D</b> 60
B-0300-A16-WD	<b>B</b> 13	B-0322-04	<b>D</b> 31	B-0407-04	<b>ACS</b> 5	B-0458	<b>D</b> 60
B-0300-CR	<b>C</b> 22	B-0323-04	<b>D</b> 31	B-0408-02	ACS5	B-0466	ACS21
B-0300-LN	<b>C</b> 23	B-0324-04	<b>D</b> 31	B-0408-03	ACS5	B-0467	ACS21
B-0300-PF	<b>B</b> 13	B-0325	<b>C</b> 7, 21	B-0408-04	ACS5	B-0473	<b>D</b> 33
B-0300-VR	<b>C</b> 23	B-0325-A22	<b>C</b> 21	B-0409-02	ACS5	B-0474	<b>D</b> 33
		I		I			



							G-11
Model No.	Section & Page	Model No. Secti	on & Page	Model No. Section	on & Page	Model No. Section	n & Page
B-0475	<b>D</b> 33	B-0523	<b>D</b> 34	B-0606	<b>B</b> 16	B-0665-BSTPM	<b>D</b> 43
B-0475-LKS	<b>D</b> 33	B-0524	<b>D</b> 34	B-0610	<b>B</b> 16	B-0665-BSTPM24	<b>D</b> 43
B-0491-01	<b>D</b> 38	B-0525	<b>D</b> 35	B-0610-36H	<b>B</b> 16	B-0665-BSTR	<b>D</b> 43; <b>J</b> 9
B-0492-01	<b>D</b> 38	B-0526-2	<b>D</b> 35	B-0610-CC-H108	<b>B</b> 16	B-0665-BSTR-963	<b>D</b> 43
B-0502	<b>D</b> 32; <b>J</b> 7	B-0526-3	<b>D</b> 35	B-0610-JJ	<b>B</b> 16	B-0665-BSTR-CVB	<b>D</b> 43
B-0502-LKS	<b>D</b> 32	B-0526-4	<b>D</b> 35	B-0611	<b>B</b> 16	B-0665-BSTRM	<b>D</b> 43
B-0502-SL	<b>D</b> 32	B-0526-5	<b>D</b> 35	B-0618-01	<b>D</b> 47	B-0665-BSTRM12	<b>D</b> 43
B-0504	<b>D</b> 32	B-0526-16	<b>D</b> 35	B-0618-02	<b>D</b> 47	B-0665-BSTRM24	<b>D</b> 43
B-0504-01	<b>D</b> 32	B-0527	<b>D</b> 35; <b>J</b> 7	B-0618-03	<b>D</b> 47	B-0665-CR-BSTR	<b>D</b> 43
B-0504-02	<b>D</b> 32	B-0528	<b>D</b> 35	B-0650-01	<b>D</b> 39	B-0665-CR-POL	<b>D</b> 43
B-0504-03	<b>D</b> 32	B-0529	<b>D</b> 35	B-0650-02	<b>D</b> 39	B-0665-P0L	<b>D</b> 43
B-0504-03SL	<b>D</b> 32	B-0529-01	<b>D</b> 35	B-0650-BSTP	<b>D</b> 39	B-0665-RGH	<b>D</b> 43
B-0504-LKS	<b>D</b> 32	B-0535	<b>D</b> 35	B-0650-BSTR	<b>D</b> 39	B-0666-POL	<b>D</b> 44
B-0504-SL	<b>D</b> 32	B-0536	<b>D</b> 35	B-0650-POL	<b>D</b> 39	B-0666-RGH	<b>D</b> 44
B-0505	<b>D</b> 32	B-0541	<b>B</b> 11	B-0650-RGH	<b>D</b> 39	B-0667-POL	<b>D</b> 44
B-0505-SL	<b>D</b> 32	B-0542	<b>B</b> 11	B-0651-06	<b>D</b> 39	B-0667-POLM	<b>D</b> 44
B-0507	<b>D</b> 32	B-0545-F	<b>D</b> 36	B-0651-POL	<b>D</b> 39	B-0667-RGH	<b>D</b> 44
B-0508	<b>D</b> 32	B-0545-F03	<b>D</b> 36	B-0651-RGH	<b>D</b> 39	B-0667-RGHM	<b>D</b> 44
B-0508-01	<b>D</b> 32, 50	B-0545-F05	<b>D</b> 36	B-0652	<b>D</b> 40	B-0667-RGHM24	<b>D</b> 44
B-0508-02	<b>D</b> 33	B-0545-F07	<b>D</b> 36	B-0653	<b>D</b> 47	B-0668-POL	<b>D</b> 44
B-0508-LKS	<b>D</b> 32, 33	B-0545-F10	<b>D</b> 36	B-0654	<b>D</b> 47	B-0668-RGH	<b>D</b> 44
B-0509	<b>D</b> 33	B-0545-F12	<b>D</b> 36	B-0655-01	<b>D</b> 40	B-0669-01	<b>D</b> 45
B-0512	<b>A</b> 29; <b>E</b> 13, 22	B-0545-F15	<b>D</b> 36	B-0655-02	<b>D</b> 40	B-0669-POL	<b>D</b> 45
B-0513	<b>E</b> 11, 22	B-0545-F20	<b>D</b> 36	B-0655-03	<b>D</b> 40	B-0669-RGH	<b>D</b> 45
B-0520	<b>D</b> 34	B-0546	<b>D</b> 36	B-0655-04	<b>D</b> 40	B-0670-01	<b>D</b> 45
B-0520-01	<b>D</b> 34	B-0546-133X	<b>D</b> 36	B-0655-BSTP	<b>D</b> 40	B-0670-POL	<b>D</b> 45
B-0520-02	<b>D</b> 34	B-0546-133X-AER	<b>D</b> 36	B-0655-BSTP-CR	<b>D</b> 40	B-0670-RGH	<b>D</b> 45
B-0520-F	<b>D</b> 34	B-0546-133XLF15	<b>D</b> 36	B-0655-BSTR	<b>D</b> 40	B-0671-POL	<b>D</b> 45
B-0520-F03	<b>D</b> 34	B-0575	<b>B</b> 12	B-0655-POL	<b>D</b> 40	B-0671-RGH	<b>D</b> 45
B-0520-F05	<b>D</b> 34	B-0576	<b>B</b> 12	B-0655-RGH	<b>D</b> 40	B-0672-POL	<b>D</b> 45
B-0520-F07	<b>D</b> 34	B-0577	<b>B</b> 12	B-0656-POL	<b>D</b> 40	B-0672-RGH	<b>D</b> 45
B-0520-F10	<b>D</b> 34	B-0577-09	<b>B</b> 12	B-0656-RGH	<b>D</b> 40	B-0673-P0L	<b>D</b> 45
B-0520-F12	<b>D</b> 34	B-0578	<b>B</b> 12	B-0657	<b>D</b> 41	B-0673-RGH	<b>D</b> 45
B-0520-F15	<b>D</b> 34	B-0578-01	<b>B</b> 12	B-0657-01	<b>D</b> 41	B-0674-BSTP	<b>D</b> 46
B-0520-F20	<b>D</b> 34	B-0579	<b>B</b> 12	B-0657-BST	<b>D</b> 41	B-0674-BSTPM	<b>D</b> 46
B-0520-F1	<b>D</b> 34	B-0579-01	<b>B</b> 12	B-0658	<b>D</b> 44	B-0674-BSTR	<b>D</b> 46
B-0520-F1-F03	<b>D</b> 34	B-0580	<b>B</b> 14	B-0659	<b>D</b> 46	B-0674-BSTRM	<b>D</b> 46
B-0520-F1-F05	<b>D</b> 34	B-0581	<b>B</b> 14	B-0660-BSTP	<b>D</b> 41	B-0674-CR-BSTP	<b>D</b> 46
B-0520-F1-F07	<b>D</b> 34	B-0584	<b>B</b> 14	B-0660-BSTR	<b>D</b> 41	B-0674-CR-BSTR	<b>D</b> 46
B-0520-F1-F10	<b>D</b> 34	B-0585	<b>B</b> 14	B-0660-POL	<b>D</b> 41	B-0674-CR-POL	<b>D</b> 46
B-0520-F1-F12	<b>D</b> 34	B-0590	<b>B</b> 14	B-0660-RGH	<b>D</b> 41	B-0674-POL	<b>D</b> 46
B-0520-F1-F15	<b>D</b> 34	B-0591	<b>B</b> 14	B-0661-P0L	<b>D</b> 41	B-0674-POLM	<b>D</b> 46
B-0520-F1-F20	<b>D</b> 34	B-0592	<b>B</b> 14	B-0661-RGH	<b>D</b> 41	B-0674-RGH	<b>D</b> 46
B-0521	<b>D</b> 34; <b>J</b> 7	B-0592-CR	<b>B</b> 14	B-0662	<b>D</b> 42	B-0674-RGHM	<b>D</b> 46
B-0522	<b>D</b> 34	B-0594	<b>B</b> 14	B-0664	<b>D</b> 42	B-0674-RGHM24	<b>D</b> 46
B-0522-F	<b>D</b> 34	B-0597	<b>B</b> 15	B-0664-01	<b>D</b> 42	B-0675	<b>D</b> 50
B-0522-F03	<b>D</b> 34	B-0597-CR	<b>B</b> 15	B-0664-02	<b>D</b> 42	B-0676	<b>D</b> 50
B-0522-F05	<b>D</b> 34	B-0597-EE	<b>B</b> 15	B-0664-03	<b>D</b> 42	B-0676-54V	<b>D</b> 50
B-0522-F07	<b>D</b> 34	B-0598	<b>B</b> 15	B-0664-05	<b>D</b> 42	B-0677	<b>D</b> 50
B-0522-F10	<b>D</b> 34	B-0599-CR	<b>B</b> 15	B-0665-BSTP	<b>D</b> 43	B-0678	<b>D</b> 50
B-0522-F12	<b>D</b> 34	B-0600	<b>B</b> 15	B-0665-BSTP-963	<b>D</b> 43	B-0679	<b>D</b> 50
B-0522-F15	<b>D</b> 34	B-0601	<b>B</b> 15	B-0665-BSTP-CVB	<b>D</b> 43	B-0680-ST	<b>D</b> 50
B-0522-F20	<b>D</b> 34	B-0605	<b>B</b> 16	B-0665-BSTP-VRS	<b>D</b> 43	B-0682	<b>D</b> 50
		I		I			



							G-11
Model No. Section	on & Page	Model No. Sect	ion & Page	Model No. Section	ı & Page	Model No. Se	ction & Page
B-0682-ST	<b>D</b> 50	B-0730	<b>D</b> 49	B-0866-04-LN	<b>D</b> 15	B-0892-122X-LAM	<b>D</b> 18
B-0685	<b>D</b> 50	B-0730-P0L	<b>D</b> 49	B-0866-04L	<b>D</b> 15	B-0892-133X	<b>D</b> 19
B-0686	<b>D</b> 50	B-0731-POL	<b>D</b> 49	B-0866-07-PV	<b>D</b> 16	B-0892-135X	<b>D</b> 19
B-0687	<b>D</b> 51	B-0736	<b>D</b> 49	B-0866-L	<b>D</b> 15	B-0892-CR	<b>D</b> 18
B-0690	<b>D</b> 51	B-0736-POL	<b>D</b> 49	B-0866-PV	<b>D</b> 16	B-0892-CR-HW	<b>D</b> 19
B-0691	<b>D</b> 51	B-0737	<b>D</b> 49	B-0867	<b>D</b> 15	B-0892-CR-LF05	<b>D</b> 18
B-0692	<b>D</b> 45	B-0737-POL	<b>D</b> 49	B-0867-04	<b>D</b> 15	B-0892-CR-WS	<b>D</b> 18
B-0693-P0L	<b>D</b> 46	B-0800	<b>D</b> 25	B-0867-04L	<b>D</b> 15	B-0892-F05	<b>D</b> 18
B-0695	<b>D</b> 47	B-0800-PA	<b>D</b> 23	B-0867-04-WS	<b>D</b> 15	B-0892-F1-CR-SC	<b>D</b> 18
B-0695-ST	<b>D</b> 47	B-0805	<b>D</b> 25	B-0868-04	<b>D</b> 15	B-0892-FC	<b>D</b> 18
B-0697	<b>D</b> 47	B-0805-01	<b>D</b> 25	B-0868-04L	<b>D</b> 15	B-0892-LF12-CR4	<b>D</b> 19
B-0698	<b>D</b> 47	B-0805-01-DP	<b>D</b> 25	B-0869-04	<b>D</b> 15	B-0892-LF22	<b>D</b> 18
B-0699	<b>D</b> 47	B-0805-F05	<b>D</b> 25	B-0870	<b>D</b> 21	B-0892-LN	<b>D</b> 19
B-0699-ST	<b>D</b> 47	B-0805-PA	<b>D</b> 23	B-0870-CR	<b>D</b> 21	B-0892-LN-QT	<b>D</b> 19
B-0700	<b>D</b> 48	B-0805-VF05	<b>D</b> 25	B-0871	<b>D</b> 21	B-0892-M	<b>D</b> 18
B-0700-01	<b>D</b> 48	B-0805-VF05-VR	<b>D</b> 25	B-0871-CR	<b>D</b> 21	B-0892-QT-F05	<b>D</b> 19
B-0700-124A	<b>D</b> 48	B-0805-VR	<b>D</b> 25	B-0871-CR-LF05	<b>D</b> 21	B-0892-QT-LF16	<b>D</b> 19
B-0700-LT-CR-K	<b>D</b> 48	B-0805-VR-LDP	<b>D</b> 25	B-0871-CR-PRISON	<b>D</b> 21	B-0892-QT-VF05	<b>D</b> 19
B-0702	<b>D</b> 48	B-0805-VR-VF05	<b>D</b> 25	B-0871-CR-WS	<b>D</b> 21	B-0892-QT-VF05G	<b>D</b> 19
B-0702-WH4	<b>D</b> 48	B-0805-WS	<b>D</b> 25	B-0871-F05	<b>D</b> 21	B-0892-QT-WS	<b>D</b> 19
B-0703	<b>D</b> 48	B-0806	<b>D</b> 25	B-0871-M	<b>D</b> 21	B-0892-VF05	<b>D</b> 18
B-0703-124A	<b>D</b> 48	B-0806-VR	<b>D</b> 25	B-0871-VF05	<b>D</b> 21	B-0892-VRS	<b>D</b> 18
B-0704	<b>D</b> 48	B-0807	<b>D</b> 26	B-0871-VF22-QT	<b>D</b> 21	B-0892-WA	<b>D</b> 30
B-0706	<b>D</b> 48	B-0807-01	<b>D</b> 26	B-0871-VR-CH-QT	<b>D</b> 21	B-0892-WS	<b>D</b> 18
B-0707	<b>D</b> 48	B-0807-PA	<b>D</b> 23	B-0871-VRS	<b>D</b> 21	B-0893	<b>D</b> 18
B-0708	<b>D</b> 48	B-0807-VR	<b>D</b> 26	B-0871-WS	<b>D</b> 21	B-0894	<b>D</b> 20
B-0708-JJ	<b>D</b> 48	B-0807-WS	<b>D</b> 26	B-0873	<b>D</b> 21	B-0898	<b>D</b> 13, 15, 22
B-0709	<b>D</b> 48	B-0808	<b>D</b> 26	B-0874	<b>D</b> 21	B-0898-0F	<b>D</b> 22
B-0709-JJ	<b>D</b> 48	B-0830	<b>D</b> 27	B-0874-M	<b>D</b> 21	B-0899	<b>D</b> 22
B-0710	<b>D</b> 48	B-0831	<b>D</b> 27	B-0877	<b>D</b> 22	B-0900	<b>D</b> 53
B-0710-01	<b>D</b> 48	B-0831-02	<b>D</b> 27	B-0885	<b>D</b> 16	B-0921	<b>D</b> 59
B-0710-HW	<b>D</b> 48	B-0831-02VR	<b>D</b> 27	B-0890	<b>D</b> 20	B-0925	<b>D</b> 55, 56, 59
B-0710-WS	<b>D</b> 48	B-0831-F05	<b>D</b> 27	B-0890-177F	<b>D</b> 20	B-0926	<b>D</b> 59
B-0711	<b>D</b> 48	B-0831-PA	<b>D</b> 23	B-0890-CR	<b>D</b> 20	B-0929	<b>D</b> 50
B-0712	<b>D</b> 26	B-0831-VF05	<b>D</b> 27	B-0890-CR-LF05	<b>D</b> 20	B-0929-A	<b>D</b> 45, 50
B-0712-01VRS	<b>D</b> 26	B-0831-VR	<b>D</b> 27	B-0890-CR-WS	<b>D</b> 20	B-0930	<b>D</b> 59
B-0712-4DP	<b>D</b> 26	B-0831-WA	<b>D</b> 29	B-0890-F05	<b>D</b> 20	B-0933-ST	<b>D</b> 59
B-0712-ESC	<b>D</b> 26	B-0831-WS	<b>D</b> 27	B-0890-M	<b>D</b> 20	B-0937	<b>D</b> 59
B-0712-F05	<b>D</b> 26	B-0833	<b>D</b> 27	B-0890-QT	<b>D</b> 20	B-0938	<b>D</b> 59
B-0712-PA	<b>D</b> 23	B-0834	<b>D</b> 27	B-0890-QT-VRS	<b>D</b> 20	B-0940	<b>D</b> 53
B-0712-VF05	<b>D</b> 26	B-0834-01	<b>D</b> 27	B-0890-QT-WS	<b>D</b> 20	B-0950	<b>A</b> 35, 37; <b>D</b> 51
B-0712-VF05-4DP	<b>D</b> 26	B-0836	<b>D</b> 28	B-0890-VF05	<b>D</b> 20	B-0950-01	<b>A</b> 35, 37; <b>D</b> 51
B-0712-WA	<b>D</b> 29, 48	B-0837	<b>D</b> 28	B-0890-VF05-QT	<b>D</b> 20	B-0950-54H	<b>A</b> 35, 37; <b>D</b> 51
B-0712-WS	<b>D</b> 26	B-0837-PA	<b>D</b> 23	B-0890-VF22	<b>D</b> 20	B-0950-VB	<b>D</b> 51
B-0713	<b>D</b> 26	B-0842	<b>D</b> 26	B-0890-VRS	<b>D</b> 20	B-0955	<b>A</b> 35; <b>D</b> 51
B-0715	<b>D</b> 49	B-0850	<b>D</b> 7	B-0890-WS	<b>D</b> 20	B-0956	<b>A</b> 35, 37; <b>D</b> 51
B-0715-LT-CR	<b>D</b> 49	B-0855	<b>D</b> 16	B-0891	<b>D</b> 20	B-0957	<b>A</b> 35; <b>D</b> 51
B-0716	<b>D</b> 49	B-0865	<b>D</b> 15	B-0892	<b>D</b> 18	B-0962	<b>E</b> 23
B-0717	<b>D</b> 49	B-0865-04	<b>D</b> 15	B-0892-01	<b>D</b> 18	B-0963	<b>E</b> 11-14, 20; <b>J</b> 9
B-0718	<b>D</b> 49	B-0865-04L	<b>D</b> 15	B-0892-01-CR	<b>D</b> 18	B-0963-RK	<b>E</b> 20; <b>G</b> 10; <b>J</b> 9
B-0719	<b>D</b> 48	B-0866	<b>D</b> 15	B-0892-01CR-22	<b>D</b> 19	B-0965	<b>D</b> 59
B-0720	<b>D</b> 49	B-0866-04	<b>D</b> 15	B-0892-01-WS	<b>D</b> 18	B-0966-RK	<b>G</b> 10
B-0720-RGH	<b>D</b> 49	B-0866-04-CR	<b>D</b> 15	B-0892-01QT	<b>D</b> 19	B-0967-RK	<b>G</b> 10
		•		•	!		



							G-11
Model No.	Section & Page	Model No. Section	& Page	Model No. Sect	ion & Page	Model No. Section	on & Page
B-0968 <b>A</b> 39	9, 41; <b>B</b> 10, 17; <b>D</b> 50	B-1108	<b>C</b> 26, 28	B-1121-XS	<b>c</b> 27, 31	B-1152	<b>c</b> 34
B-0969	<b>D</b> 49	B-1110	<b>C</b> 27, 29	B-1122	<b>c</b> 27, 31	B-1152-092A	<b>c</b> 34
B-0968-RK01	<b>G</b> 10	B-1110-120X	<b>c</b> 27, 29	B-1122-F22	<b>C</b> 31	B-1152-092A-VB	<b>c</b> 34
B-0969-RK01	<b>G</b> 10	B-1110-131X-WH4	<b>C</b> 29	B-1122-M	<b>c</b> 27, 31	B-1156	<b>C</b> 34
B-0970-01	A40; B16; C10;	B-1110-133X	<b>c</b> 27	B-1122-XS	<b>c</b> 27, 31	B-1157	<b>c</b> 34
	<b>D</b> 55	B-1110-LN	<b>c</b> 27, 29	B-1123	<b>c</b> 27, 31	B-1157-12	<b>C</b> 34
B-0970-FE	ACS22; A50; B17;	B-1110-LN-WH4	<b>C</b> 27, 29	B-1123-M	<b>c</b> 27, 31	B-1171	<b>C</b> 35; <b>J</b> 3
	<b>D</b> 6	B-1110-LNM	<b>C</b> 27, 29	B-1123-XS	<b>c</b> 27, 31	B-1171-01	<b>C</b> 35
B-0970-FEZ	<b>A</b> 23, 52; <b>B</b> 6	B-1110-M	<b>C</b> 27, 29	B-1124	<b>C</b> 27	B-1171-07	<b>C</b> 35; <b>J</b> 3
B-0972	<b>C</b> 36; <b>D</b> 49	B-1110-QT	<b>C</b> 27, 29	B-1125	<b>c</b> 27, 32	B-1172	<b>C</b> 35; <b>J</b> 3
B-0973	<b>D</b> 51	B-1110-XS	<b>C</b> 27, 29	B-1125-LN	<b>c</b> 27, 32	B-1172-07	<b>C</b> 35; <b>J</b> 3
B-0974	<b>D</b> 51	B-1110-XS-LN	<b>C</b> 27, 29	B-1125-LNM	<b>c</b> 32	B-1172-07-133X	<b>C</b> 35
B-0975	<b>E</b> 12	B-1110-XS-LNM	<b>C</b> 27, 29	B-1125-M	<b>c</b> 27, 32	B-1172-07-WH4	<b>C</b> 35
B-1000	<b>D</b> 6	B-1111	<b>C</b> 27, 29	B-1125-XS	<b>C</b> 32	B-1172-96-135X	<b>C</b> 35
B-1020	<b>D</b> 52	B-1111-M	<b>C</b> 27, 29	B-1125-XS-HM	<b>C</b> 32	B-1172-TS	<b>C</b> 35
B-1025	<b>D</b> 52	B-1111-XS	<b>C</b> 27, 29	B-1126	<b>c</b> 27, 32	B-1173	<b>C</b> 35
B-1025-1	<b>D</b> 52	B-1112	<b>C</b> 27, 29	B-1126-M	<b>c</b> 27, 32	B-1173-101-48H	<b>C</b> 35
B-1025-ST	<b>D</b> 52; <b>E</b> 22	B-1112-M	<b>C</b> 27, 29	B-1126-XS	<b>c</b> 27, 32	B-1174	<b>J</b> 6
B-1026-1	<b>D</b> 52	B-1112-XS	<b>C</b> 27, 29	B-1127	<b>c</b> 27, 32	B-1176	<b>J</b> 6
B-1027	<b>D</b> 45, 52	B-1113	<b>C</b> 27, 29	B-1127-M	<b>c</b> 27, 32	B-1177	<b>C</b> 35
B-1027-UCP	<b>D</b> 52	B-1113-M	<b>C</b> 27, 29	B-1128	<b>c</b> 27, 32	B-1193	<b>C</b> 36
B-1028	<b>D</b> 52	B-1113-XS	<b>c</b> 27, 29	B-1128-M	<b>c</b> 27, 32	B-11K	<b>G</b> 6
B-1029	<b>D</b> 52	B-1115	<b>C</b> 27, 30	B-1128-XS	<b>c</b> 27, 32	B-1200	<b>B</b> 6
B-1029-1	<b>D</b> 52	B-1115-131X-WH4	<b>c</b> 27, 30	B-1130	<b>c</b> 26, 28	B-1200-M	<b>B</b> 6
B-1029-2	<b>D</b> 52	B-1115-132X	<b>c</b> 27, 30	B-1131	<b>C</b> 27, 29	B-1201	<b>B</b> 6
B-1029-PA	<b>D</b> 52	B-1115-132X-02	<b>c</b> 27, 30	B-1131-XS	<b>C</b> 27, 29	B-1202	<b>B</b> 6
B-1035	<b>D</b> 52	B-1115-LN	<b>c</b> 27, 30	B-1132	<b>C</b> 27, 31	B-1204	<b>B</b> 7
B-1035-ST	<b>D</b> 50, 52, 59; <b>E</b> 22	B-1115-LNM	<b>C</b> 27, 30	B-1135	<b>C</b> 26, 28	B-1205	<b>B</b> 7
B-1090	<b>D</b> 53, 55, 56	B-1115-M	<b>C</b> 27, 30	B-1136	<b>c</b> 27, 30	B-1205-M	<b>B</b> 7
B-1091	<b>D</b> 53	B-1115-WH4	<b>C</b> 30	B-1137	<b>C</b> 27, 32	B-1210	<b>B</b> 7
B-1092	<b>D</b> 53	B-1115-XS	<b>C</b> 27, 30	B-1140	<b>C</b> 26, 28	B-1210-01	<b>B</b> 7
B-1095	<b>D</b> 53	B-1116	<b>c</b> 27, 30	B-1141	<b>C</b> 27, 29	B-1210-01M	<b>B</b> 7
B-1097	<b>D</b> 53, 55, 56	B-1116-M	<b>c</b> 27, 30	B-1141-XS	<b>C</b> 27, 29	B-1210-01-WFK	<b>B</b> 4, 5
B-10K	<b>G</b> 3	B-1117	<b>c</b> 27, 30	B-1142	<b>c</b> 27, 33	B-1210-12	<b>B</b> 7
B-10K-C	<b>G</b> 4	B-1117-M	<b>c</b> 27, 30	B-1142-04	<b>c</b> 33	B-1210-12-WFK	<b>B</b> 4, 5
B-10K-J	<b>G</b> 4	B-1118	<b>c</b> 27, 30	B-1142-04A-QT	<b>c</b> 27, 33	B-1210-M	<b>B</b> 7
B-1100	<b>C</b> 26, 28	B-1118-M	<b>C</b> 27, 30	B-1142-XS	<b>c</b> 27, 33	B-1210-WFK	<b>B</b> 3-6
B-1100-K	<b>G</b> 9	B-1120	<b>c</b> 27, 30	B-1145	<b>C</b> 26, 28	B-1211	<b>B</b> 7
B-1100-LN	<b>c</b> 26, 28	B-1120-135X-WH4	<b>C</b> 31	B-1146	<b>c</b> 27, 33	B-1215	<b>B</b> 7
B-1100-LNM	<b>C</b> 28	B-1120-F22	<b>C</b> 27, 31	B-1146-01	<b>C</b> 33; <b>J</b> 6	B-1220	<b>B</b> 7
B-1100-M	<b>c</b> 26, 28	B-1120-LN	<b>C</b> 31	B-1146-01-WS	<b>c</b> 33	B-1222	<b>B</b> 7
B-1101	<b>C</b> 26, 28	B-1120-LN-WH4	<b>C</b> 31	B-1146-01A	<b>c</b> 33	B-1225	<b>B</b> 8
B-1102	<b>C</b> 26, 28	B-1120-LNM	<b>C</b> 31	B-1146-01A-W4EK	<b>C</b> 33	B-1230	<b>B</b> 8
B-1102-M	<b>C</b> 26	B-1120-M	<b>c</b> 27, 31	B-1146-02A	<b>c</b> 33	B-1230-WFK	<b>B</b> 5
B-1103	<b>C</b> 26, 28	B-1120-0CS6-WH4	<b>C</b> 30	B-1146-02A-WH4	<b>c</b> 33	B-1230-12	<b>B</b> 8
B-1103-M	<b>C</b> 26	B-1120-QT	<b>c</b> 27, 31	B-1146-04	<b>C</b> 27, 33; <b>J</b> 6	B-1231	<b>B</b> 8
B-1105	<b>c</b> 26, 28	B-1120-QT-WS	<b>C</b> 31	B-1146-04-WS	<b>C</b> 33	B-1235	<b>B</b> 8
B-1105-KIT	<b>G</b> 9	B-1120-XS	<b>C</b> 27, 31	B-1146-WS	<b>C</b> 33	B-1240	<b>B</b> 8
B-1105-LN	<b>C</b> 26, 28	B-1120-XS-LN	<b>C</b> 31	B-1146-XS	<b>C</b> 27, 33	B-1255	<b>G</b> 10
B-1105-LNM	<b>C</b> 28	B-1120-XS-LNM	<b>C</b> 31	B-1147	<b>C</b> 27, 32	B-1256	<b>G</b> 10
B-1105-M	<b>C</b> 26	B-1121	<b>C</b> 27, 31	B-1148	<b>c</b> 33	B-12K	<b>G</b> 6
B-1106	<b>C</b> 26, 28	B-1121-M	<b>C</b> 27, 31	B-1149	<b>C</b> 33	B-12K-T	<b>G</b> 6
B-1107	<b>C</b> 26, 28	B-1121-QT-A22	<b>C</b> 31	B-1151	<b>C</b> 34	B-1305	<b>D</b> 76



							G-11
Model No. Sect	tion & Page	Model No. Sect	ion & Page	Model No. Sec	ction & Page	Model No. Sect	ion & Page
B-1305-01	<b>D</b> 76	B-1458	<b>E</b> 13, 17	B-2285-B	<b>A</b> 25	B-2710-LH	<b>D</b> 4
B-1306	<b>D</b> 76	B-1459	<b>E</b> 13, 17	B-2285-BC	<b>A</b> 26	B-2710-VF05	<b>D</b> 4
B-1306-01	<b>D</b> 76	B-15K	<b>G</b> 7	B-2289	<b>c</b> 32	B-2710-VF22	<b>D</b> 4
B-1311	<b>D</b> 76	B-16K	<b>G</b> 3	B-2291	<b>C</b> 32	B-2710-WS	<b>D</b> 4
B-1336	<b>D</b> 76	B-17K	<b>G</b> 7	B-2299	<b>c</b> 7, 18	B-2711	<b>D</b> 4
B-1340	<b>D</b> 77	B-18K	<b>G</b> 8	B-2299-CR	<b>c</b> 7, 18	B-2711FL	<b>D</b> 4
B-1341	<b>D</b> 77	B-1958	<b>D</b> 44	B-2301	<b>D</b> 49	B-2711-LF15	<b>D</b> 4
B-1342	<b>D</b> 77	B-19K	<b>G</b> 8	B-2312	<b>B</b> 17	B-2711-LH	<b>D</b> 4
B-1344	<b>D</b> 77	B-1K	<b>G</b> 5	B-2320	<b>D</b> 19	B-2711-VF05	<b>D</b> 4
B-1345	<b>D</b> 77	B-20K	<b>G</b> 6	B-2331	<b>B</b> 17	B-2711-VF22	<b>D</b> 4
B-1346	<b>D</b> 77	B-2180	<b>A</b> 25	B-2338	<b>A</b> 26	B-2711-WS	<b>D</b> 4
B-1350	<b>D</b> 32, 77	B-2187	<b>A</b> 25	B-2338-08C	<b>A</b> 26	B-2730	<b>D</b> 5; <b>J</b> 3
B-1351	<b>D</b> 32, 77	B-2187-01	<b>A</b> 25	B-2338-CR	<b>A</b> 26	B-2730-07	<b>D</b> 5; <b>J</b> 3
B-1355	<b>D</b> 32, 77	B-2194	<b>A</b> 25	B-2339	<b>E</b> 13, 18	B-2730-DRK	<b>G</b> 8
B-13K	<b>G</b> 6	B-21K	<b>G</b> 6	B-2339-02	<b>E</b> 13, 18	B-2730-LH	<b>D</b> 5; <b>J</b> 3
B-1410	<b>A</b> 41	B-2223	<b>A</b> 25	B-2339-LR	<b>E</b> 18	B-2730-WS	<b>D</b> 5
B-1411	<b>A</b> 41	B-2261	<b>A</b> 25	B-2342	<b>c</b> 5, 18	B-2731	<b>D</b> 5
B-1412	<b>A</b> 41	B-2261-B	<b>A</b> 25	B-2343	<b>B</b> 12	B-2731-LF15	<b>D</b> 5
B-1413	<b>B</b> 9	B-2271	<b>D</b> 46	B-2346	<b>C</b> 36	B-2731-LH	<b>D</b> 5
B-1420	<b>A</b> 41, 42; <b>B</b> 9	B-2271-CR	<b>D</b> 46	B-2347	<b>D</b> 9	B-2731-VF05	<b>D</b> 5
B-1421	<b>A</b> 41, 42	B-2271-POL	<b>D</b> 46	B-2347-05-LVR	<b>D</b> 9	B-2731-WS	<b>D</b> 5
B-1422	<b>A</b> 41, 42	B-2271-POL-CR	<b>D</b> 46	B-2349	<b>A</b> 26	B-2740	<b>D</b> 4, 6
B-1423	<b>A</b> 41, 42	B-2278	<b>A</b> 23	B-2358	<b>c</b> 7, 18	B-2741	<b>D</b> 4
B-1424	<b>A</b> 42; <b>B</b> 9	B-2278-01	<b>A</b> 23	B-2360	<b>D</b> 37	B-2742	<b>D</b> 4
B-1425	<b>A</b> 42	B-2278-01-CR	<b>A</b> 23	B-2360-01	<b>D</b> 37	B-2742-A22	<b>D</b> 4
B-1426	<b>A</b> 42	B-2278-02	<b>A</b> 23	B-2360-01-AR	<b>D</b> 37	B-2742-LF05	<b>D</b> 4
B-1427	<b>A</b> 42	B-2278-02-CR	<b>A</b> 23	B-2360-01-PA	<b>D</b> 37	B-2742-LH	<b>D</b> 4
B-1428	<b>A</b> 42	B-2278-0440-CR	<b>A</b> 23	B-2360-01-WFK	<b>D</b> 37	B-2743	<b>D</b> 5; <b>J</b> 3
B-1430	<b>E</b> 11, 15	B-2278-A12CRCEL	<b>A</b> 23	B-2360-02	<b>D</b> 37	B-2744	<b>D</b> 5
B-1431	<b>E</b> 11	B-2278-ADF	<b>A</b> 23	B-2360-03	<b>D</b> 37	B-2745	<b>D</b> 6
B-1432	<b>E</b> 11, 15	B-2278-B9	<b>A</b> 23	B-2360-04	<b>D</b> 37	B-2746	<b>D</b> 6
B-1432-01	<b>E</b> 11	B-2278-CR	<b>A</b> 23	B-2360-AR	<b>D</b> 37	B-2749	<b>D</b> 6
B-1432-7122-C01	<b>E</b> 11	B-2278-CR-C-EL	<b>A</b> 23	B-2360-WFK	<b>D</b> 37	B-2760-H	<b>D</b> 28
B-1433	<b>E</b> 11, 15, 18	B-2280	<b>c</b> 4, 13	B-2386	<b>D</b> 9	B-2800-WA-KIT	<b>G</b> 7
B-1433-01	<b>E</b> 12, 15	B-2280-060X	<b>C</b> 4, 13	B-2387	ACS6; D12	B-2820	<b>D</b> 28
B-1433-01M-QDS	<b>E</b> 15	B-2280-060X-CR	<b>C</b> 4	B-238RK	<b>G</b> 7	B-2820-01	<b>D</b> 28
B-1433-02	<b>E</b> 12, 15	B-2280-CR	<b>C</b> 4, 13	B-23K	<b>G</b> 7	B-2820-PA	<b>D</b> 24, 28
B-1433-04	<b>E</b> 12, 15	B-2280-EE-061X	C4	B-2403	<b>D</b> 6	B-2821	<b>D</b> 28
B-1433-7132-01M	<b>E</b> 12, 15	B-2282	<b>B</b> 10	B-2460	<b>D</b> 49	B-2823-02	<b>D</b> 29
B-1433-7212-01	<b>E</b> 12	B-2282-01	<b>B</b> 10	B-2464	<b>D</b> 32	B-2850	<b>D</b> 7
B-1433-CR	<b>E</b> 15	B-2282-01-F05	<b>B</b> 10	B-2480	<b>D</b> 47	B-2850-01	<b>D</b> 7
B-1433-CR-SC	<b>E</b> 12	B-2282-01-M10	<b>B</b> 10	B-2490	<b>D</b> 28	B-2850-F05	<b>D</b> 7
B-1433-CR-QDS	<b>E</b> 15	B-2282-F03	<b>B</b> 10	B-24K	<b>G</b> 3	B-2850-L	<b>D</b> 7
B-1433-SC01	<b>E</b> 12	B-2282-F05	<b>B</b> 10	B-2490-PA	D24	B-2850-WH4	<b>D</b> 7
B-1434-RG	<b>E</b> 12, 15	B-2282-F07	<b>B</b> 10	B-2501	<b>C</b> 7, 15	B-2850-WS	<b>D</b> 7
B-1436 B-1437	<b>E</b> 13, 16 <b>E</b> 13	B-2282-F10	<b>B</b> 10	B-2501-CR B-2701	<b>C</b> 7, 15 <b>D</b> 6	B-2851	<b>D</b> 9
		B-2282-F12 B-2282-F15	<b>B</b> 10			B-2851-133X-VR	<b>D</b> 9
B-1439 B-1444	<b>E</b> 13, 16	B-2282-F15		B-2701-VF05	<b>D</b> 6	B-2851-L B-2852	<b>D</b> 9
	<b>E</b> 13, 16	B-2282-F20	<b>B</b> 10	B-2701-VR B-2703	<b>D</b> 6		<b>D</b> 9
B-1444-CV B-1453	<b>E</b> 13, 16 <b>E</b> 13, 16	B-2283 B-2283-065X	<b>C</b> 5, 14 <b>C</b> 5, 14	B-2703 B-2703-LF15	<b>D</b> 6	B-2853-RSW-061X B-2855	<b>D</b> 12 <b>D</b> 13
B-1454	<b>E</b> 13, 18	B-2283-065X B-2283-CR	<b>C</b> 5, 14	B-2703-VF05	<b>D</b> 6	B-2855-01	<b>D</b> 13
B-1457	E13, 18 E17	B-2285	<b>A</b> 25	B-2710	<b>D</b> 6	B-2855-WS	<b>D</b> 13
D-T401	EII	5-2203	MZU	D-2110	<b>U</b> 4	D-2000-M9	דום



							G-11
Model No. Section	n & Page	Model No. Sec	tion & Page	Model No. Se	ection & Page	Model No. So	ection & Page
B-2859	<b>D</b> 12	B-2867-04FC	<b>D</b> 8	B-3404-PBV	<b>D</b> 54, 57, 58	B-3972-VR	<b>c</b> 39
B-2862	<b>D</b> 10	B-2867-04VRS	<b>D</b> 8	B-3405	<b>D</b> 54, 57	B-3972-XS	<b>C</b> 39
B-2862-WS	<b>D</b> 10	B-2868-04	<b>D</b> 8	B-3406	<b>D</b> 54, 57	B-3972-01	<b>c</b> 36, 39
B-2865	<b>D</b> 7	B-2869-04	<b>D</b> 8	B-3406-VB	<b>D</b> 54, 57	B-3972-01-XS	<b>C</b> 39
B-2865-04	<b>D</b> 7	B-2885	<b>D</b> 13	B-3500	<b>D</b> 3, 54, 58	B-3990	<b>c</b> 40, 42
B-2865-04-122X	<b>D</b> 7	B-290-K	<b>G</b> 5	B-3501	<b>D</b> 54, 58	B-3990-01	<b>c</b> 40, 42
B-2865-04-WA	<b>D</b> 30	B-2955	<b>D</b> 13	B-3504	<b>D</b> 54, 58	B-3990-01-3X	<b>c</b> 40, 42
B-2865-04L	<b>D</b> 17	B-2970	<b>D</b> 22	B-3504-PBV	<b>D</b> 54, 58	B-3990-01-5X	<b>c</b> 40, 42
B-2865-05	<b>D</b> 17	B-2971	<b>D</b> 22	B-3505	<b>D</b> 54, 58	B-3990-3KIT	<b>C</b> 41
B-2865-05-0CS8	<b>D</b> 17	B-2990	<b>D</b> 14	B-3506	<b>D</b> 54, 58	B-3990-3X	<b>c</b> 40, 42
B-2865-05-120XA	<b>D</b> 17	B-2990-175F	<b>D</b> 14	B-3506-VB	<b>D</b> 54, 58	B-3990-5KIT	<b>C</b> 41
B-2865-05CR	<b>D</b> 17	B-2990-180F	<b>D</b> 14	B-3507-VB	<b>D</b> 54	B-3990-5X	<b>c</b> 40, 42
B-2865-06	<b>D</b> 17	B-2990-F05	<b>D</b> 14	B-3940	<b>c</b> 36, 38	B-3990-BSP	<b>c</b> 40, 42
B-2865-06CR	<b>D</b> 17	B-2990-FL	<b>D</b> 14	B-3940-M	<b>C</b> 38	B-3990-BSP3X	<b>c</b> 40, 42
B-2865-LF05	<b>D</b> 7	B-2990-P	<b>D</b> 14	B-3940-XL	<b>c</b> 38	B-3990-BSP5X	<b>c</b> 40, 42
B-2866	<b>D</b> 10	B-2990-PWH4	<b>D</b> 14	B-3940-XS	<b>c</b> 38	B-3992	<b>c</b> 40, 42
B-2866-01	<b>D</b> 11	B-2990-VF05	<b>D</b> 14	B-3940-01	<b>c</b> 36, 38	B-3992-01	<b>c</b> 40, 42
B-2866-01QT-VRF	<b>D</b> 10, 11	B-2990-WH4	<b>D</b> 14	B-3940-01M	<b>C</b> 38	B-3992-01-3X	<b>c</b> 40, 42
B-2866-04	<b>D</b> 10	B-2990-WH4-QT	<b>D</b> 14	B-3940-01-XS	<b>C</b> 38	B-3992-01-5X	<b>c</b> 40, 42
B-2866-04-01QT	<b>D</b> 10	B-2990-WH4-WS	<b>D</b> 14	B-3942	<b>c</b> 36, 38	B-3999-0F	<b>c</b> 37, 39
B-2866-04-0T	<b>D</b> 10	B-2990-WS	<b>D</b> 14	B-3942-XL	<b>C</b> 38	B-3999-0F-XL	<b>C</b> 37
B-2866-04L	<b>D</b> 17	B-2991	<b>D</b> 29	B-3942-XS	<b>C</b> 38	B-3992-3X	<b>c</b> 40, 42
B-2866-04VRS	<b>D</b> 10	B-2991-P	<b>D</b> 29	B-3942-01	<b>c</b> 36, 38	B-3992-5X	<b>c</b> 40, 42
B-2866-05	<b>D</b> 11	B-2991-PA	<b>D</b> 24	B-3942-01-XS	<b>C</b> 38	B-39K	<b>C</b> 37; <b>G</b> 9
B-2866-05-LF08	<b>D</b> 11	B-2991-PWH4	<b>D</b> 29	B-3945	<b>C</b> 37	B-5K	<b>G</b> 5
B-2866-05-LF15	<b>D</b> 11	B-2991-VR	<b>D</b> 29	B-3950	<b>c</b> 36, 38	B-50P	<b>G</b> 9
B-2866-05-LT	<b>D</b> 11	B-2991-WA	<b>D</b> 30	B-3950-M	<b>C</b> 38	B-6K	<b>G</b> 5
B-2866-05-QT	<b>D</b> 11	B-2991-WS	<b>D</b> 29	B-3950-SB	<b>C</b> 38	B-6RK	<b>G</b> 5
B-2866-05-VF05	<b>D</b> 11	B-2992	<b>D</b> 17	B-3950-VR	<b>C</b> 38	B-7102	<b>E</b> 3, 4, 10
B-2866-05-VF22	<b>D</b> 11	B-2992-180F	<b>D</b> 17	B-3950-XL	<b>C</b> 38	B-7102-01	<b>E</b> 3, 4, 10
B-2866-05VRS	<b>D</b> 11	B-2992-L	<b>D</b> 17	B-3950-XS	<b>C</b> 38	B-7102-01M	<b>E</b> 3, 4, 10
B-2866-05-WA	<b>D</b> 30	B-2992-P	<b>D</b> 17	B-3950-01	<b>c</b> 36, 38	B-7102-08H	<b>E</b> 3, 4, 10
B-2866-05CR	<b>D</b> 11	B-2992-PWH4	<b>D</b> 17	B-3950-01-M	<b>C</b> 38	B-7102-08M	<b>E</b> 3, 4, 10
B-2866-05FC	<b>D</b> 11	B-2992-WH4	<b>D</b> 17	B-3950-01-M12	<b>C</b> 38	B-7112	<b>E</b> 10
B-2866-05FC-CR	<b>D</b> 11	B-2K	<b>G</b> 8	B-3950-01-SB	<b>c</b> 38	B-7112-01	E4, 10; J7
B-2866-05FC-PV	<b>D</b> 12	B-30K	<b>G</b> 7	B-3952	<b>c</b> 36, 38	B-7112-01M	<b>E</b> 4, 10
B-2866-05FC-QT	<b>D</b> 12	B-3200	<b>D</b> 3, 54, 55	B-3952-VR	<b>C</b> 38	B-7112-02	<b>E</b> 4, 10
B-2866-050T-VRS	<b>D</b> 12	B-3201	<b>D</b> 54, 55	B-3952-XL	<b>C</b> 38	B-7112-05	<b>E</b> 4, 10
B-2866-05QT-WS	<b>D</b> 12	B-3204	<b>D</b> 54, 55	B-3952-XS	<b>C</b> 38	B-7112-08H	<b>E</b> 4, 10
B-2866-05-WS	<b>D</b> 11	B-3204-PBV	<b>D</b> 54, 55	B-3952-01	<b>c</b> 36, 38	B-7112-08M	<b>E</b> 4, 10
B-2866-F05	<b>D</b> 10	B-3205	<b>D</b> 54, 55	B-3960	<b>c</b> 36, 39	B-7112-10	<b>E</b> 4, 10
B-2866-LF12-CR4	<b>D</b> 10	B-3206	<b>D</b> 54, 55	B-3960-XS	<b>C</b> 39	B-7122-C	<b>E</b> 5, 10
B-2866-QT-21VR	<b>D</b> 10	B-3206-VB	<b>D</b> 54, 55	B-3960-01	<b>c</b> 36, 39	B-7122-C01	<b>E</b> 5, 10
B-2866-QT-VF05	<b>D</b> 10	B-3300	<b>D</b> 3, 54, 56	B-3960-01-XS	<b>C</b> 39	B-7122-C01M	<b>E</b> 5, 10
B-2866-QT-VF05G	<b>D</b> 10	B-3301	<b>D</b> 54, 56	B-3962	<b>C</b> 36, 39	B-7122-C01W	<b>E</b> 5, 10
B-2866-VF05	<b>D</b> 10	B-3304	<b>D</b> 54, 56	B-3962-01	<b>c</b> 36, 39	B-7122-C05	<b>E</b> 5, 10
B-2867	<b>D</b> 10	B-3304 B-3304-PBV	<b>D</b> 54, 56	B-3962-01-XS	<b>C</b> 30, 39	B-7122-C03	<b>E</b> 5, 10
B-2867-04	<b>D</b> 8	B-3304-1 BV	<b>D</b> 54, 56	B-3902-01-X3	<b>c</b> 36, 39	B-7122-C08M	<b>E</b> 5, 10
B-2867-04L	<b>D</b> 17	B-3306	<b>D</b> 54, 56	B-3970-VR	<b>C</b> 30, 39	B-7122-C08W	<b>E</b> 5, 10
B-2867-04-F05	<b>D</b> 17	B-3306-VB	<b>D</b> 54, 56	B-3970-XS	<b>C</b> 39	B-7122-C10	<b>E</b> 3, 10
B-2867-04-LF15	<b>D</b> 8	B-3400	<b>D</b> 3, 54, 57	B-3970-01	<b>c</b> 36, 39	B-7132 B-7132-01	<b>E</b> 4, 10; <b>P</b> 7
B-2867-04-LF15	<b>D</b> 8	B-3401	<b>D</b> 5, 54, 57 <b>D</b> 54, 57	B-3970-01-XS	<b>C</b> 30, 39	B-7132-01 B-7132-01M	E4, 10, P7 E4, 10
B-2867-04-VF05 B-2867-04-WS	<b>D</b> 8	B-3401 B-3404				B-7132-01W B-7132-02	<b>E</b> 4, 10
D-5001-04-M9	DO	D-0404	<b>D</b> 54, 57	B-3972	<b>C</b> 36, 39	D-1 TOS-05	E4, 10



B-7132-05   E4, 10   B-7242-02   E6, 10   B-7034-A   B19   B-4500-02   D65
B-7132-08H         E4, 10         B-7242-02         E6, 10         B-WH6H         AC\$14         BL-4500-01         D65           B-7132-08M         E4, 10         B-7242-05         E6, 10         BF-0034-A         B19         BL-4500-02         D65           B-7132-10         E4, 10         B-7242-08H         E6, 10         BF-0062-X         B20         BL-4500-04         D65           B-7142         E4, 10         B-7242-10         E6, 10         BF-0135-X         B20         BL-4501-01         D65           B-7142-01         E4, 10; J7         B-7242-C         E7, 10         BF-0136-X         B20         BL-4500-01         D65           B-7142-01M         E4, 10         B-7242-C01         E7, 10         BF-0153-X         B20         BL-4500-01         D65           B-7142-02         E4, 10         B-7242-C01M         E7, 10         BF-0176         A34; B19         BL-4700-01         D66           B-7142-05         E4, 10         B-7242-C02         E7, 10         BF-0178-A         B19, 20         BL-4700-01MF         D66           B-7142-08H         E4, 10         B-7242-C05         E7, 10         BF-0400         B19         BL-4700-02         D66           B-7142-08M         E4, 10
B-7132-08M         E4, 10         B-7242-05         E6, 10         BF-0034-A         B19         BL-4500-02         D65           B-7132-10         E4, 10         B-7242-08H         E6, 10         BF-0062-X         B20         BL-4500-04         D65           B-7142         E4, 10         B-7242-10         E6, 10         BF-0135-X         B20         BL-4501-01         D65           B-7142-01         E4, 10; J7         B-7242-C         E7, 10         BF-0136-X         B20         BL-4520-01         D65           B-7142-01M         E4, 10         B-7242-C01         E7, 10         BF-0153-X         B20         BL-4520-02         D65           B-7142-02         E4, 10         B-7242-C01M         E7, 10         BF-0176         A34; B19         BL-4700-01         D66           B-7142-05         E4, 10         B-7242-C02         E7, 10         BF-0178-A         B19, 20         BL-4700-01MF         D66           B-7142-08H         E4, 10         B-7242-C05         E7, 10         BF-0400         B19         BL-4700-02         D66           B-7142-08M         E4, 10         B-7243-02         E6         BF-0401         B19         BL-4705-01         D67           B-7142-10         E5, 10 <td< td=""></td<>
B-7132-10         E4, 10         B-7242-08H         E6, 10         BF-0062-X         B20         BL-4500-04         D65           B-7142         E4, 10         B-7242-10         E6, 10         BF-0135-X         B20         BL-4501-01         D65           B-7142-01         E4, 10; J7         B-7242-C         E7, 10         BF-0136-X         B20         BL-4520-01         D65           B-7142-01M         E4, 10         B-7242-C01         E7, 10         BF-0153-X         B20         BL-4520-02         D65           B-7142-02         E4, 10         B-7242-C01M         E7, 10         BF-0176         A34; B19         BL-4700-01         D66           B-7142-05         E4, 10         B-7242-C02         E7, 10         BF-0178-A         B19, 20         BL-4700-01MF         D66           B-7142-08H         E4, 10         B-7242-C05         E7, 10         BF-0400         B19         BL-4700-02         D66           B-7142-08M         E4, 10         B-7243-02         E6         BF-0401         B19         BL-4705-01         D67           B-7142-10         E4, 10         B-7243-05         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01         E5, 10         B-72
B-7142         E4, 10         B-7242-10         E6, 10         BF-0135-X         B20         BL-4501-01         D65           B-7142-01         E4, 10; J7         B-7242-C         E7, 10         BF-0136-X         B20         BL-4520-01         D65           B-7142-01M         E4, 10         B-7242-C01         E7, 10         BF-0153-X         B20         BL-4520-02         D65           B-7142-02         E4, 10         B-7242-C01M         E7, 10         BF-0176         A34; B19         BL-4700-01         D66           B-7142-05         E4, 10         B-7242-C02         E7, 10         BF-0178-A         B19, 20         BL-4700-01MF         D66           B-7142-08H         E4, 10         B-7242-C05         E7, 10         BF-0400         B19         BL-4700-02         D66           B-7142-08M         E4, 10         B-7242-C08H         E7, 10         BF-0401         B19         BL-4705-01         D67           B-7142-10         E4, 10         B-7243-02         E6         BF-0402         B19         BL-4705-02         D67           B-7142-C01         E5, 10         B-7243-08H         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01M         E5, 10         B-
B-7142-01         E4, 10; J7         B-7242-C         E7, 10         BF-0136-X         B20         BL-4520-01         D65           B-7142-01M         E4, 10         B-7242-C01         E7, 10         BF-0153-X         B20         BL-4520-02         D65           B-7142-02         E4, 10         B-7242-C01M         E7, 10         BF-0176         A34; B19         BL-4700-01         D66           B-7142-05         E4, 10         B-7242-C02         E7, 10         BF-0178-A         B19, 20         BL-4700-01MF         D66           B-7142-08H         E4, 10         B-7242-C05         E7, 10         BF-0400         B19         BL-4700-02         D66           B-7142-08M         E4, 10         B-7242-C08H         E7, 10         BF-0401         B19         BL-4705-01         D67           B-7142-10         E4, 10         B-7243-02         E6         BF-0402         B19         BL-4705-02         D67           B-7142-C         E5, 10         B-7243-05         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01         E5, 10         B-7243-08H         E6         BL-4000-01         D62, 63         BL-4710-01         D66           B-7142-C01M         E5, 10 <td< td=""></td<>
B-7142-01M         E4, 10         B-7242-C01         E7, 10         BF-0153-X         B20         BL-4520-02         D65           B-7142-02         E4, 10         B-7242-C01M         E7, 10         BF-0176         A34; B19         BL-4700-01         D66           B-7142-05         E4, 10         B-7242-C02         E7, 10         BF-0178-A         B19, 20         BL-4700-01MF         D66           B-7142-08H         E4, 10         B-7242-C05         E7, 10         BF-0400         B19         BL-4700-02         D66           B-7142-08M         E4, 10         B-7242-C08H         E7, 10         BF-0401         B19         BL-4705-01         D67           B-7142-10         E4, 10         B-7243-02         E6         BF-0402         B19         BL-4705-02         D67           B-7142-C         E5, 10         B-7243-05         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01         E5, 10         B-7243-08H         E6         BL-4000-01         D62, 63         BL-4710-01         D66           B-7142-C01M         E5, 10         B-7245         E10         BL-4000-01M         D62         BL-4710-02         D66
B-7142-02         E4, 10         B-7242-C01M         E7, 10         BF-0176         A34; B19         BL-4700-01         D66           B-7142-05         E4, 10         B-7242-C02         E7, 10         BF-0178-A         B19, 20         BL-4700-01MF         D66           B-7142-08H         E4, 10         B-7242-C05         E7, 10         BF-0400         B19         BL-4700-02         D66           B-7142-08M         E4, 10         B-7242-C08H         E7, 10         BF-0401         B19         BL-4705-01         D67           B-7142-10         E4, 10         B-7243-02         E6         BF-0402         B19         BL-4705-02         D67           B-7142-C         E5, 10         B-7243-05         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01         E5, 10         B-7243-08H         E6         BL-4000-01         D62, 63         BL-4710-01         D66           B-7142-C01M         E5, 10         B-7245         E10         BL-4000-01M         D62         BL-4710-02         D66
B-7142-05         E4, 10         B-7242-C02         E7, 10         BF-0178-A         B19, 20         BL-4700-01MF         D66           B-7142-08H         E4, 10         B-7242-C05         E7, 10         BF-0400         B19         BL-4700-02         D66           B-7142-08M         E4, 10         B-7242-C08H         E7, 10         BF-0401         B19         BL-4705-01         D67           B-7142-10         E4, 10         B-7243-02         E6         BF-0402         B19         BL-4705-02         D67           B-7142-C         E5, 10         B-7243-05         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01         E5, 10         B-7243-08H         E6         BL-4000-01         D62, 63         BL-4710-01         D66           B-7142-C01M         E5, 10         B-7245         E10         BL-4000-01M         D62         BL-4710-02         D66
B-7142-08H         E4, 10         B-7242-C05         E7, 10         BF-0400         B19         BL-4700-02         D66           B-7142-08M         E4, 10         B-7242-C08H         E7, 10         BF-0401         B19         BL-4705-01         D67           B-7142-10         E4, 10         B-7243-02         E6         BF-0402         B19         BL-4705-02         D67           B-7142-C         E5, 10         B-7243-05         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01         E5, 10         B-7243-08H         E6         BL-4000-01         D62, 63         BL-4710-01         D66           B-7142-C01M         E5, 10         B-7245         E10         BL-4000-01M         D62         BL-4710-02         D66
B-7142-08M         E4, 10         B-7242-C08H         E7, 10         BF-0401         B19         BL-4705-01         D67           B-7142-10         E4, 10         B-7243-02         E6         BF-0402         B19         BL-4705-02         D67           B-7142-C         E5, 10         B-7243-05         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01         E5, 10         B-7243-08H         E6         BL-4000-01         D62, 63         BL-4710-01         D66           B-7142-C01M         E5, 10         B-7245         E10         BL-4000-01M         D62         BL-4710-02         D66
B-7142-10         E4, 10         B-7243-02         E6         BF-0402         B19         BL-4705-02         D67           B-7142-C         E5, 10         B-7243-05         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01         E5, 10         B-7243-08H         E6         BL-4000-01         D62, 63         BL-4710-01         D66           B-7142-C01M         E5, 10         B-7245         E10         BL-4000-01M         D62         BL-4710-02         D66
B-7142-C         E5, 10         B-7243-05         E6         BF-PRU-RK         G3         BL-4705-03         D67           B-7142-C01         E5, 10         B-7243-08H         E6         BL-4000-01         D62, 63         BL-4710-01         D66           B-7142-C01M         E5, 10         B-7245         E10         BL-4000-01M         D62         BL-4710-02         D66
B-7142-C01         E5, 10         B-7243-08H         E6         BL-4000-01         D62, 63         BL-4710-01         D66           B-7142-C01M         E5, 10         B-7245         E10         BL-4000-01M         D62         BL-4710-02         D66
B-7142-C01M <b>E</b> 5, 10 B-7245 <b>E</b> 10 BL-4000-01M <b>D</b> 62 BL-4710-02 <b>D</b> 66
D 74 40 000 FE 40 D 704F 00 FO 40 DI 400F 04 FO DI 4740 00 FO
B-7142-C02 <b>E</b> 5, 10   B-7245-03 <b>E</b> 6, 10   BL-4005-01 <b>D</b> 62   BL-4710-03 <b>D</b> 66
B-7142-C05 <b>E</b> 5, 10 B-7245-04 <b>E</b> 6, 10 BL-4010-01 <b>D</b> 62-64 BL-4720-01 <b>D</b> 66
B-7142-C08H <b>E</b> 5, 10 B-7245-06 <b>E</b> 6, 10 BL-4100-0 <b>D</b> 62 BL-4720-01MF <b>D</b> 66
B-7142-C08M <b>E</b> 5, 10 B-7245-07 <b>E</b> 6, 10 BL-4100-01 <b>D</b> 62 BL-4720-02 <b>D</b> 66
B-7142-C10 <b>E</b> 5, 10 B-7245-NH <b>E</b> 6 BL-4100-02 <b>D</b> 62 BL-4720-02MF <b>D</b> 66
B-7161-C <b>E</b> 14 B-7K <b>G</b> 5 BL-4100-03 <b>D</b> 62 BL-4720-03 <b>D</b> 66
B-7212 <b>E</b> 6, 10 B-8K <b>G</b> 6 BL-4100-04 <b>D</b> 62 BL-4730-03 <b>D</b> 66
B-7212-01 <b>E</b> 6, 10; <b>J</b> 7 B-9K <b>G</b> 8 BL-4100-05 <b>D</b> 62 BL-4740-03 <b>D</b> 67
B-7212-01M <b>E</b> 6, 10 B-CVH1-2 <b>ACS</b> 20; <b>A</b> 24; <b>E</b> 11, 21 BL-4102-0 <b>D</b> 62 BL-4750-03 <b>D</b> 67
B-7212-02 <b>E</b> 6, 10 B-CVH3-4 <b>ACS</b> 20; <b>A</b> 24, 34; <b>E</b> 21 BL-4102-01 <b>D</b> 62 BL-4750-05 <b>D</b> 67
B-7212-05 <b>E</b> 6, 10 B-CVH3-8 <b>ACS</b> 20; <b>A</b> 29 BL-4102-02 <b>D</b> 62 BL-4750-06 <b>D</b> 67
B-7212-08H <b>E</b> 6, 10 B-CVV1-2 <b>ACS</b> 20; <b>E</b> 21 BL-4200-0 <b>D</b> 63 BL-4750-07 <b>D</b> 67
B-7212-08M <b>E</b> 6, 10 B-CVV3-4 <b>A</b> 34; <b>E</b> 23 BL-4200-01 <b>D</b> 63 BL-5500-0 <b>D</b> 74
B-7212-10 <b>E</b> 6, 10 B-GFE <b>ACS</b> 9, 19 BL-4200-02 <b>D</b> 63 BL-5500-07 <b>D</b> 63, 64, 74
B-7212-11 <b>E</b> 6, 10 B-GH <b>ACS</b> 9, 19 BL-4200-04 <b>D</b> 63 BL-5500-09 <b>D</b> 74
B-7222-C <b>E</b> 7 B-KF <b>A</b> 35, 50 BL-4203-0 <b>D</b> 63 BL-5500-10 <b>D</b> 62-64, 74
B-7222-C01 <b>E</b> 7 B-KG <b>A</b> 50 BL-4203-01 <b>D</b> 63 BL-5500-12 <b>D</b> 73
B-7222-C01M <b>E</b> 7 B-LT <b>ACS</b> 3, 7; <b>C</b> 24; <b>D</b> 78 BL-4203-02 <b>D</b> 63 BL-5505-07 <b>D</b> 74
B-7222-C02 E7 B-PT A44; ACS3, 7; C9; D78 BL-4203-04 D63 BL-5545-01 D74
B-7222-C05 <b>E</b> 7 B-PRU-RK <b>G</b> 3 BL-4210-0 <b>D</b> 63 BL-5550-01 <b>D</b> 74
B-7222-C08H <b>E</b> 7 B-PV <b>D</b> 16 BL-4210-01 <b>D</b> 63 BL-5550-01F <b>D</b> 74
B-7222-C08M <b>E</b> 7 B-SD <b>ACS</b> 15 BL-4210-02 <b>D</b> 63 BL-5550-01F-03 <b>D</b> 74
B-7222-C10 <b>E</b> 7 B-SDA <b>ACS</b> 15 BL-4210-04 <b>D</b> 63 BL-5550-01F-05 <b>D</b> 74
B-7222-C11 <b>E</b> 7 B-SDA-WM <b>ACS</b> 15 BL-4250-01 <b>D</b> 63 BL-5550-01F-07 <b>D</b> 74
B-7232 <b>E</b> 6, 10 B-TEE-EZK <b>ACS</b> 16; <b>A</b> 17, 50 BL-4250-02 <b>D</b> 64 BL-5550-01F-10 <b>D</b> 74
B-7232-01 <b>E</b> 6, 10; <b>J</b> 7 B-TEE-RGD <b>ACS</b> 16; <b>A</b> 17, 50 BL-4250-03 <b>D</b> 64 BL-5550-01F-12 <b>D</b> 74
B-7232-01M <b>E</b> 6, 10 B-VRS <b>D</b> 9, 10, 12, 21 BL-4250-04 <b>D</b> 64 BL-5550-01F-15 <b>D</b> 74
B-7232-02 <b>E</b> 6, 10 B-WFC <b>B</b> 3, 4, 6 BL-4250-05 <b>D</b> 64 BL-5550-01F-20 <b>D</b> 74
B-7232-05 <b>E</b> 6, 10 B-WFDS <b>B</b> 3, 4, 6 BL-4250-06 <b>D</b> 64 BL-5550-04 <b>D</b> 74
B-7232-08H <b>E</b> 6, 10 B-WFK <b>B</b> 4, 6 BL-4250-07 <b>D</b> 64 BL-5550-05 <b>D</b> 74
B-7232-08M <b>E</b> 6, 10 B-WH4 <b>ACS</b> 14 BL-4250-08 <b>D</b> 64 BL-5550-09 <b>D</b> 75
B-7232-10 <b>E</b> 6, 10 B-WH4-AM <b>ACS</b> 14 BL-4260-01 <b>D</b> 64 BL-5550-10 <b>D</b> 75
B-7232-11 <b>E</b> 6, 10 B-WH4-K <b>G</b> 8 BL-4300-0 <b>D</b> 64 BL-5550-12 <b>D</b> 75
B-7233-02 <b>E</b> 6 B-WH4C <b>ACS</b> 14 BL-4300-01 <b>D</b> 64 BL-5550-23 <b>D</b> 75
B-7233-05 <b>E</b> 6 B-WH4C-AM <b>ACS</b> 14 BL-4300-02 <b>D</b> 64 BL-5550-24 <b>D</b> 75
B-7233-08H <b>E</b> 6 B-WH4H <b>ACS</b> 14 BL-4350-01 <b>D</b> 65 BL-5550-30 <b>D</b> 75
B-7242 <b>E</b> 6 B-WH4H-AM <b>ACS</b> 14 BL-4355-01 <b>D</b> 65 BL-5560-01 <b>D</b> 76
B-7242-01 <b>E</b> 6, 10; <b>J</b> 7 B-WH6 <b>ACS</b> 14 BL-4422-0 <b>D</b> 64 BL-5560-02 <b>D</b> 76



							G-11
Model No.	Section & Page	Model No. S	ection & Page	Model No. Sec	tion & Page	Model No. S	ection & Page
BL-5561-01	<b>D</b> 76	BL-5740-02	<b>D</b> 72	EC-3100-SMT8	<b>CP</b> 10	EC-3130-4DP	<b>CP</b> 3, 5, 15, 19
BL-5561-02	<b>D</b> 76	BL-5740-08	<b>D</b> 72	EC-3100-SMT8V05	<b>CP</b> 10	EC-3130-8DP	<b>CP</b> 3, 5, 15, 19
BL-5561-03	<b>D</b> 76	BL-5750-01	<b>D</b> 72	EC-3100-TMV <b>CP</b> 4	, 6, 10-11; 17	EC-3130-HG	<b>CP</b> 5, 15
BL-5700-01	<b>D</b> 68	BL-5755-01	<b>D</b> 72	EC-3100-TMV4VF05		EC-3130-LF22	<b>CP</b> 5, 15
BL-5700-02	<b>D</b> 68	BL-5775-01	<b>D</b> 72	EC-3100-TMVHGF1	O <b>CP</b> 10	EC-3130-LN	<b>CP</b> 15
BL-5700-03	<b>D</b> 68	BL-5775-08	<b>D</b> 72	EC-3100-VF05	<b>CP</b> 4, 6, 10	EC-3130-ST-VF0	5 <b>CP</b> 15
BL-5700-04	<b>D</b> 68	BL-5850-01	<b>D</b> 72	EC-3100-VF5-TMV	<b>CP</b> 10	EC-3130-TMV	<b>CP</b> 17
BL-5700-08	<b>D</b> 68	BL-5850-01TL	<b>D</b> 72	EC-3100-XP-LF10	<b>CP</b> 10	EC-3130-VF05	<b>CP</b> 5, 15
BL-5700-08-V	R <b>D</b> 68	BL-5850-02	<b>D</b> 72	EC-3101	<b>CP</b> 4, 11, 18	EC-3130-XP-F10	<b>CP</b> 15
BL-5700-09	<b>D</b> 68	BL-5860-01TL	<b>D</b> 70	EC-3101-HG	<b>CP</b> 4, 6, 11	EC-3130-XP-F15	<b>CP</b> 15
BL-5704-01	<b>D</b> 69	BL-6000-02	<b>D</b> 73	EC-3101-LF22	<b>CP</b> 4, 6, 11	EC-3132	<b>CP</b> 3, 16, 18
BL-5704-02	<b>D</b> 69	BL-6000-03	<b>D</b> 73	EC-3101-LF22-SB	<b>CP</b> 4, 6, 11	EC-3132-4DP	<b>CP</b> 3, 5, 16, 19
BL-5704-03	<b>D</b> 69	BL-6005-02	<b>D</b> 73	EC-3101-LN	<b>CP</b> 4, 11	EC-3132-8DP	<b>CP</b> 3, 5, 16, 19
BL-5704-04	<b>D</b> 69	BL-6005-03	<b>D</b> 73	EC-3101-SB	CP4	EC-3132-HG	<b>CP</b> 5, 16
BL-5704-05	<b>D</b> 69	BL-6050-01	<b>D</b> 73	EC-3101-TMV (	<b>CP</b> 4, 6, 11, 17	EC-3132-LF22	<b>CP</b> 5, 16
BL-5704-08	<b>D</b> 69	BL-6050-02	<b>D</b> 73	EC-3101-TMVHGF10	O <b>CP</b> 11	EC-3132-ST-VF0	5 <b>CP</b> 16
BL-5704-08W	H4 <b>D</b> 69	BL-9000-01	<b>D</b> 68	EC-3101-VF05	<b>CP</b> 4, 6, 11	EC-3132-TMV	<b>CP</b> 17
BL-5704-09	<b>D</b> 69	BL-9000-03	<b>D</b> 68	EC-3101-VF5-TMV	<b>CP</b> 11	EC-3132-VF05	<b>CP</b> 5, 16
BL-5705-01	<b>D</b> 69	BL-9000-04	<b>D</b> 68	EC-3101-XP-LF10	<b>CP</b> 11	EC-ADEWIRE	<b>CP</b> 7, 19
BL-5705-02	<b>D</b> 69	BL-9000-05	<b>D</b> 68	EC-3102 <b>C</b>	<b>P</b> 4, 6, 12, 18	EC-EASYWIRE	<b>CP</b> 4, 7, 19
BL-5705-03	<b>D</b> 69	BL-9000-09	<b>D</b> 68	EC-3102-4DP	<b>CP</b> 4, 19	EC-EASYWIRE4C	C <b>CP</b> 7, 19
BL-5705-04	<b>D</b> 69	BL-9000-10	<b>D</b> 68	EC-3102-8DP	<b>CP</b> 4, 6, 19	EC-EASYWIRE5E	
BL-5705-08	<b>D</b> 69	BL-9005-01	<b>D</b> 68	EC-3102-HG <b>CP</b> 4	, 6, 11-12, 18	EC-FILTER	<b>CP</b> 17
BL-5705-08-V	R <b>D</b> 69	BL-9505-01	<b>D</b> 73	EC-3102-LF22	<b>CP</b> 4, 6, 12	EC-HARDWIRE	<b>CP</b> 4, 7, 19
BL-5705-09	<b>D</b> 69	BL-9505-02	<b>D</b> 73	EC-3102-SM	<b>CP</b> 4, 6, 12	EC-HYDROGEN	<b>CP</b> 4, 8-9, 17
BL-5707-01	<b>D</b> 70	BL-9515-01	<b>D</b> 73	EC-3102-SMT	<b>CP</b> 4, 11	EC-SMT	<b>CP</b> 4, 6-8, 17
BL-5707-03	<b>D</b> 71	BL-9515-02	<b>D</b> 73	EC-3102-SMT4	<b>CP</b> 12	EC-TMV	<b>CP</b> 4, 7-8, 17
BL-5707-04	<b>D</b> 70	BL-9515-03	<b>D</b> 73	EC-3102-SMT4V05	<b>CP</b> 12	ECR-D0810-107	<b>CP</b> 21, 22
BL-5707-05	<b>D</b> 76	BR-10	<b>A</b> 37, 50	EC-3102-SMT8	<b>CP</b> 12	EMV-0522-24	<b>I</b> 24
BL-5707-10	<b>D</b> 76	EB-0060-H	<b>B</b> 20, 34	EC-3102-SMT8V05	<b>CP</b> 12	EW-7360B	<b>H</b> 4; <b>J</b> 10
BL-5709-01	<b>D</b> 71	EB-0068-H	<b>A</b> 39	EC-3102-TMV <b>CP</b> 4	, 6, 11-12, 17	EW-7501	<b>H</b> 4; <b>J</b> 10
BL-5709-02	<b>D</b> 71	EB-0096-H	<b>J</b> 3	EC-3102-TMV4V05	<b>CP</b> 12	EW-7611	<b>H</b> 4; <b>J</b> 10
BL-5709-04	<b>D</b> 71	EB-0104-H	<b>B</b> 17	EC-3102-VF05	<b>CP</b> 4, 6, 12	EW-7612	<b>H</b> 4; <b>J</b> 10
BL-5709-05	<b>D</b> 71	EB-0107	<b>E</b> 8, 13, 20; <b>J</b> 3, 8	EC-3102-VF5-TMV	<b>CP</b> 12	EW-7612LH	<b>H</b> 4; <b>J</b> 10
BL-5709-08	<b>D</b> 71	EB-0107-035	<b>B</b> 16, 17, 20; <b>J</b> 8	EC-3103	<b>CP</b> 4, 13, 18	EW-8904	<b>H</b> 5; <b>J</b> 10
BL-5709-08W	H4 <b>D</b> 71	EB-0144-H	<b>B</b> 17	EC-3103-HG (	<b>P</b> 4, 6, 11, 13	EW-9082	<b>H</b> 4
BL-5709-09	<b>D</b> 71	EB-10K	<b>G</b> 4; <b>J</b> 2	EC-3103-LF22	<b>CP</b> 4, 6, 13	EW-9095	<b>H</b> 5
BL-5710-01	<b>D</b> 70	EB-2322	<b>E</b> 8, 19; <b>J</b> 8	EC-3103-TMV (	<b>CP</b> 4, 6, 13, 17	EW-9201EF	<b>H</b> 5
BL-5710-03	<b>D</b> 70	EB-2322-QD	<b>E</b> 15	EC-3103-VF05	<b>CP</b> 4, 6, 13	EW-SP90	<b>H</b> 6
BL-5710-07	<b>D</b> 70	EC-3100	<b>CP</b> 4, 10, 18	EC-3103-VF5-TMV	<b>CP</b> 13	EW-SP131	<b>H</b> 6
BL-5710-09	<b>D</b> 70	EC-3100-120X	<b>CP</b> 10	EC-3106	<b>CP</b> 4, 13, 18	EW-SP140	<b>H</b> 6
BL-5715-01	<b>D</b> 70	EC-3100-4DP	<b>CP</b> 19	EC-3106-4DP	<b>CP</b> 19	EW-SP170	<b>H</b> 6
BL-5715-02	<b>D</b> 70	EC-3100-8DP	<b>CP</b> 19	EC-3106-8DP	<b>CP</b> 19	EW-SP21FC	<b>H</b> 6
BL-5715-08	<b>D</b> 70	EC-3100-HG	<b>CP</b> 4, 6, 10-11	EC-3106-HG	<b>CP</b> 6, 11, 13	EW-SP225	<b>H</b> 6
BL-5715-09	<b>D</b> 70	EC-3100-LF22	<b>CP</b> 4, 6, 10	EC-3106-TMV	<b>CP</b> 11, 17	EW-SP509	<b>H</b> 6
BL-5725-01	<b>D</b> 70	EC-3100-LF22-9	SB <b>CP</b> 4, 6, 10	EC-3106-VF05	<b>CP</b> 4, 6, 13	EZ-K	<b>G</b> 9
BL-5725-02	<b>D</b> 70	EC-3100-LN	<b>CP</b> 4, 10	EC-3122	<b>CP</b> 3, 14, 18	EZ-SWIVEL-CZ	<b>ACS</b> 21
BL-5725-08	<b>D</b> 70	EC-3100-SB	<b>CP</b> 4	EC-3122-4DP	<b>CP</b> 5, 14, 19	EZ-SWIVEL-FM	<b>ACS</b> 21
BL-5725-09	<b>D</b> 70	EC-3100-SM	<b>CP</b> 4, 6, 10, 11	EC-3122-8DP	<b>CP</b> 5, 14, 19	G016636-45	<b>E</b> 5, 7-9; <b>J</b> 9
BL-5735-01	<b>D</b> 71	EC-3100-SM-4D	OP <b>CP</b> 10	EC-3122-HG	<b>CP</b> 5, 14	G016637-45	<b>E</b> 5, 7-9; <b>J</b> 9
BL-5735-02	<b>D</b> 71	EC-3100-SMT	<b>CP</b> 4, 11	EC-3122-TMV	<b>CP</b> 17	G016652-45	<b>E</b> 5, 7-9
BL-5735-09	<b>D</b> 71	EC-3100-SMT4	<b>CP</b> 10	EC-3122-VF05	<b>CP</b> 5, 14	G016737-45	<b>E</b> 5, 7-9
BL-5740-01	<b>D</b> 72	EC-3100-SMT4V	05 <b>CP</b> 10	EC-3130	<b>CP</b> 3, 15, 18	G018477-45	<b>E</b> 5, 7-9; <b>J</b> 9



							G-11
Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page	Model No. S	ection & Page
G018682-45	<b>I</b> 24	HG-4C-36SK	<b>F</b> 5-8	HG-4E-48S-RC	<b>F</b> 5-8	MV-0771-12N	<b>J</b> 9
G018684-45	<b>I</b> 24	HG-4C-48	<b>F</b> 5-8	HG-4E-48SK	<b>F</b> 5-8	MV-0771-12N-BV	<b>E</b> 24
HG-2C-36	<b>F</b> 5-8	HG-4C-48K	<b>F</b> 5-8	HG-4E-48SK-PS	<b>F</b> 5-8	MV-0771-12N-BV	T <b>E</b> 24
HG-2C-36-PS	<b>F</b> 5-8	HG-4C-48S	<b>F</b> 5-8	HG-4E-60	<b>F</b> 5-8	MV-0771-12NW	<b>E</b> 23; <b>J</b> 9
HG-2C-36K	<b>F</b> 5-8	HG-4C-48K-P	S <b>F</b> 5-8	HG-4E-60K	<b>F</b> 5-8	MV-0771-12R	<b>E</b> 23
HG-2C-36S	<b>F</b> 5-8	HG-4C-48SK	<b>F</b> 5-8	HG-4E-60S	<b>F</b> 5-8	MV-0771-12R-VB	<b>E</b> 23
HG-2C-48	<b>F</b> 5-8	HG-4C-48SK-	PS <b>F</b> 5-8	HG-4E-60SK	<b>F</b> 5-8	MV-1907-04C	<b>E</b> 24
HG-2C-48-PS	<b>F</b> 8	HG-4C-60	<b>F</b> 5-8	HG-4F-48	<b>F</b> 5-8	MV-1907-11	<b>E</b> 23
HG-2C-48K	<b>F</b> 5-8	HG-4C-60K	<b>F</b> 5-8	HG-4F-48K	<b>F</b> 5-8	MV-1907-11CW	<b>E</b> 24
HG-2C-48S	<b>F</b> 5-8	HG-4C-60S	<b>F</b> 5-8	HG-4F-48S	<b>F</b> 5-8	MV-1907-11CW-E	ER <b>E</b> 24
HG-2C-48SK	<b>F</b> 5-8	HG-4C-60SK	<b>F</b> 5-8	HG-4F-48SK	<b>F</b> 5-8	MV-1907-12	<b>E</b> 23
HG-2C-60	<b>F</b> 5-8	HG-4C-72	<b>F</b> 5-8	HG-4F-60	<b>F</b> 5-8	MV-1907-12C	<b>E</b> 23
HG-2C-72	<b>F</b> 5-8	HG-4C-72K	<b>F</b> 5-8	HG-4F-60K	<b>F</b> 5-8	MV-1907-12CW	<b>E</b> 24
HG-2C-72K	<b>F</b> 5-8	HG-4C-72S	<b>F</b> 5-8	HG-4F-60S	<b>F</b> 5-8	MV-2516	<b>E</b> 19
HG-2D-24	<b>F</b> 5-8	HG-4D-24	<b>F</b> 5-8	HG-4F-60SK	<b>F</b> 5-8	MV-2516-21	<b>E</b> 19
HG-2D-24K	<b>F</b> 5-8	HG-4D-24K	<b>F</b> 5-8	HG-6D-48	<b>F</b> 5-8	MV-2516-22	<b>E</b> 19
HG-2D-24S	<b>F</b> 5-8	HG-4D-24S	<b>F</b> 5-8	HG-6D-72	<b>F</b> 5-8	MV-2516-23	<b>E</b> 19
HG-2D-24SK	<b>F</b> 5-8	HG-4D-24SK	<b>F</b> 5-8	HG-SD-36	<b>F</b> 5-8	MV-2516-24	<b>E</b> 5, 7, 8, 19
HG-2D-36	<b>F</b> 5-8	HG-4D-36	<b>F</b> 5-8	HG-SD-48	<b>F</b> 5-8	MV-2516-31	<b>E</b> 19
HG-2D-36K	<b>F</b> 5-8	HG-4D-36K	<b>F</b> 5-8	HW-2B-24	<b>F</b> 10, 11	MV-2516-32	<b>E</b> 19
HG-2D-36S	<b>F</b> 5-8	HG-4D-36-PS	<b>F</b> 5-8	HW-2B-36	<b>F</b> 10, 11	MV-2516-33	<b>E</b> 19
HG-2D-36SK	<b>F</b> 5-8	HG-4D-36K-P	S <b>F</b> 5-8	HW-2B-48	<b>F</b> 10, 11	MV-2516-34	<b>E</b> 5, 7, 8, 19
HG-2D-48	<b>F</b> 5-8	HG-4D-36S	<b>F</b> 5-8	HW-2B-72	<b>F</b> 10, 11	MV-2516-41	<b>E</b> 19
HG-2D-48K	<b>F</b> 5-8	HG-4D-36SK	<b>F</b> 5-8	HW-2C-36	<b>F</b> 10, 11	MV-2516-42	<b>E</b> 19
HG-2D-48S	<b>F</b> 5-8	HG-4D-36SK-	PS <b>F</b> 5-8	HW-2C-48	<b>F</b> 10, 11	MV-2516-43	<b>E</b> 19
HG-2D-48SK	<b>F</b> 5-8	HG-4D-48	<b>F</b> 5-8	HW-2C-60	<b>F</b> 10, 11	MV-2516-44	<b>E</b> 5, 7, 8, 19
HG-2D-60	<b>F</b> 5-8	HG-4D-48K	<b>F</b> 5-8	HW-2C-72	<b>F</b> 10, 11	MV-2522	<b>E</b> 19
HG-2D-60S	<b>F</b> 5-8	HG-4D-48-PS	<b>F</b> 5-8	HW-2D-48	<b>F</b> 10, 11	MV-2522-21	<b>E</b> 19
HG-2D-60SK	<b>F</b> 5-8	HG-4D-48K-P	S <b>F</b> 5-8	HW-4B-24	<b>E</b> 18; <b>F</b> 10, 11	MV-2522-22	<b>E</b> 19
HG-2D-72	<b>F</b> 5-8	HG-4D-48S	<b>F</b> 5-8	HW-4B-36	<b>E</b> 17; <b>F</b> 10, 11	MV-2522-23	<b>E</b> 19
HG-2D-72K	<b>F</b> 5-8	HG-4D-48S-P	S <b>F</b> 5-8	HW-4B-48	<b>F</b> 10, 11	MV-2522-24	<b>E</b> 5, 7, 8, 19; <b>J</b> 8
HG-2D-72S	<b>F</b> 5-8	HG-4D-48SEL	-PS <b>F</b> 5-8	HW-4B-72	<b>F</b> 10, 11	MV-2522-31	<b>E</b> 19
HG-2D-72SK	<b>F</b> 5-8	HG-4D-48SK	<b>F</b> 5-8	HW-4B-72VB	<b>F</b> 10, 11	MV-2522-32	<b>E</b> 19
HG-2E-36	<b>F</b> 5-8	HG-4D-48SK-	PS <b>F</b> 5-8	HW-4C-36	<b>F</b> 10, 11	MV-2522-33	<b>E</b> 19
HG-2E-36K	<b>F</b> 5-8	HG-4D-60	<b>F</b> 5-8	HW-4C-48	<b>F</b> 10, 11	MV-2522-34	<b>E</b> 5, 7, 8, 19
HG-2E-36S	<b>F</b> 5-8	HG-4D-60-PS	<b>F</b> 5-8	HW-4C-60	<b>F</b> 10, 11	MV-2522-41	<b>E</b> 19
HG-2E-36SK	<b>F</b> 5-8	HG-4D-60K	<b>F</b> 5-8	HW-4C-72	<b>F</b> 10, 11	MV-2522-42	<b>E</b> 19
HG-2E-48	<b>F</b> 5-8	HG-4D-60S	<b>F</b> 5-8	HW-4C-72VB	<b>F</b> 10, 11	MV-2522-43	<b>E</b> 19
HG-2E-48K	<b>F</b> 5-8	HG-4D-60S-P	<b>F</b> 5-8	HW-4D-48	<b>F</b> 10, 11	MV-2522-44	<b>E</b> 5, 7, 8, 19
HG-2E-48S	<b>F</b> 5-8	HG-4D-60SK	<b>F</b> 5-8	HW-6C-36	<b>F</b> 10, 11	MV-3516-21	<b>E</b> 19
HG-2E-48SK	<b>F</b> 5-8	HG-4D-60SK-	PS <b>F</b> 5-8	HW-6C-48	<b>F</b> 10, 11	MV-3516-22	<b>E</b> 19
HG-2E-60	<b>F</b> 5-8	HG-4D-72	<b>F</b> 5-8	HW-6D-48	<b>F</b> 10, 11	MV-3516-23	<b>E</b> 19
HG-2E-60K	<b>F</b> 5-8	HG-4D-72K	<b>F</b> 5-8	MPY-2DCN-06	<b>A</b> 5	MV-3516-24	<b>E</b> 5, 7, 8, 19
HG-2E-60S	<b>F</b> 5-8	HG-4D-72S	<b>F</b> 5-8	MPZ-2DCN-06	<b>A</b> 5	MV-3516-24-RK	<b>E</b> 19
HG-2E-72	<b>F</b> 5-8	HG-4D-72SK	<b>F</b> 5-8	MPZ-2DLN-06	<b>A</b> 5	MV-3516-25	<b>E</b> 19; <b>J</b> 8
HG-2E-72K	<b>F</b> 5-8	HG-4E-36	<b>F</b> 5-8	MPZ-8WCN-06	<b>A</b> 5	P3-8WESV-08M	<b>J</b> 3
HG-2E-72S	<b>F</b> 5-8	HG-4E-36K	<b>F</b> 5-8	MPZ-8WLN-06	<b>A</b> 5	PA-B	ACS14
HG-2F-48	<b>F</b> 5-8	HG-4E-36S	<b>F</b> 5-8	MPZ-KIT-LN06	<b>A</b> 5	PA-B-AM	ACS14
HG-2F-48K	<b>F</b> 5-8	HG-4E-36SK	<b>F</b> 5-8	MPZ-KIT-LN06-0	CR A5	PA-C	<b>ACS</b> 14
HG-2F-48SK	<b>F</b> 5-8	HG-4E-48	<b>F</b> 5-8	MV-0771-11CW	<b>E</b> 23	PA-H	ACS14
HG-4C-36	<b>F</b> 5-8	HG-4E-48K	<b>F</b> 5-8	MV-0771-11NW	<b>E</b> 23	PG-0001	<b>J</b> 2
HG-4C-36K	<b>F</b> 5-8	HG-4E-48K-P	S <b>F</b> 5-8	MV-0771-12C	<b>E</b> 23; <b>J</b> 9	PG-0002	<b>J</b> 2
HG-4C-36S	<b>F</b> 5-8	HG-4E-48S	<b>F</b> 5-8	MV-0771-12CW	<b>E</b> 23; <b>J</b> 9	PG-0003	<b>J</b> 2



Model No. Section	ı & Page	Model No.	Section & Page
PG-0123	<b>J</b> 2	SQ-0092	<b>D</b> 53, 59
PG-0123-B	<b>J</b> 2	SQ-0093	<b>A</b> 50; <b>D</b> 53
PG-0133	<b>J</b> 2	SQ-0094	<b>D</b> 53
PG-0133-B	<b>J</b> 2	SQ-0095	<b>D</b> 53, 59
PG-1DREV	<b>J</b> 2	SQ-0099	<b>D</b> 53
PG-1WSAV-06	<b>J</b> 2	SQ-0100	<b>D</b> 53
PG-1171	<b>J</b> 3	TT1	ACS6
PG-1172	<b>J</b> 3	VRS-1	<b>B</b> 19, 20; <b>D</b> 21
PG-2187	<b>J</b> 3	VRS-2	<b>D</b> 8, 9, 20
PG-2730	<b>J</b> 3		20, 0, 20
PG-2730-07	<b>J</b> 3		
PG-2730-LH	<b>J</b> 3		
PG-2743	<b>J</b> 3		
PG-35AV	<b>J</b> 2		
PG-35AV-CH	<b>J</b> 2		
PG-35AV-CH01	<b>J</b> 2		
PG-35AV-CH02	<b>J</b> 2		
PG-35AV-CH03	<b>J</b> 2		
PG-35AV-CH05	<b>J</b> 2		
PG-4DREV	<b>J</b> 2		
PG-8DREV	<b>J</b> 2		
PG-8DSAN-06	<b>J</b> 4		
PG-8DSAN-08	J4		
PG-8DSAN-10	J4		
PG-8DSAN-12	<b>J</b> 4		
PG-8DSAN-14	<b>J</b> 4		
PG-8DSAN-16	<b>J</b> 4		
PG-8DSAN-18	<b>J</b> 4		
PG-8DSAV-06	<b>J</b> 4		
PG-8DSAV-08	<b>J</b> 4		
PG-8DSAV-10	<b>J</b> 4		
PG-8DSAV-12	<b>J</b> 4		
PG-8DSAV-14	<b>J</b> 4		
PG-8DSAV-16	J4		
PG-8DSAV-18	J4 J4		
PG-8WOAN-06	<b>J</b> 5		
PG-8WOAN-08	<b>J</b> 5		
PG-8WOAN-10	<b>J</b> 5		
PG-8WOAN-12	<b>J</b> 5		
PG-8WOAN-14	<b>J</b> 5		
PG-8WOAN-16	<b>J</b> 5		
PG-8WOAN-18	<b>J</b> 5		
PG-8WSAV-06	<b>J</b> 5		
PG-8WSAV-08	<b>J</b> 5		
PG-8WSAV-10	<b>J</b> 5		
PG-8WSAV-12	<b>J</b> 5		
PG-8WSAV-14	<b>J</b> 5		
PG-8WSAV-16	<b>J</b> 5		
PG-8WSAV-18	<b>J</b> 5		
PG-8WREV	<b>J</b> 2		
PG-8WSAV-08	<b>J</b> 2		Can't f
POSI-SET™	<b>F</b> 3, 6-8		Please v









T&S Brass has always been an innovator in the foodservice plumbing industry. Over 65 years ago we introduced the B-0107 spray valve to the world – the first pre-rinse spray valve. The B-0107 pre-rinse spray valve was an industry game changer that helped restaurants become more effective and efficient in their rinse-down tasks. We were on our way to becoming the industry leader.

Today, we design and manufacture many more innovative foodservice and plumbing products, always with you in mind. In all that we do we are keenly attentive to your needs and to the challenges of water and energy conservation, with the goal to save you time and money.

Our commitment to you and to innovation means that you can always count on T&S's Reliability Built  $In^{TM}$ .

SPECS:
B-0107 SPRAY VALVE
1.42 GPM @ 60 PSI
EPAct 2005 Compliant
AB1953 Compliant
The Industry Standard

#### www.tsbrass.com





T&S Brass and Bronze Works, Inc.



















#### www.tsbrass.com

#### T&S BRASS AND BRONZE WORKS, INC.

2 Saddleback Cove • P.O. Box 1088 • Travelers Rest, SC 29690

U.S. Toll-free 800-476-4103 • +1 864-834-4102 • Fax 800-868-0084 • E-mail tsbrass@tsbrass.com

Canada Toll-free 888-288-0432

#### **West Coast Sales and Distribution**

4596 Ish Drive • Unit 220 • Simi Valley, CA 93063 U.S. Toll-free 800-423-0150 • +1 805-527-7696

#### **Shanghai Sales and Distribution**

Section A, 1st Floor, Building A • No. 368 Delin Road WGQ FTZ • Pudong, Shanghai, P.R.C. 200131 *Phone* +86 21 50462618

#### **European Sales Representative**

Versele Global Marketing • Generaal Deprezstraat 10B - B-8530 Harelbeke • Belgium Phone +32 (0)56 245800 • info@verseleglobal.com





