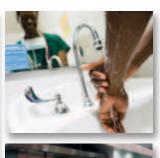


# **T&S BRASS**

**G-10 PRODUCT CATALOG 2012** 





























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.





A Pre-Rinse Units



B Pot, Kettle and Glass Fillers



T&S BRASS PRODUCT OVERVIEW

**C** Faucets and Components



D Institutional, Medical and Lab Products



**E** Washdown and Clean-Up Solutions



F Safe-T-Link Gas and Water Appliance Connectors



**G** Emergency Safety Equipment by Haws





H equip Foodservice Plumbing Products





P Pet-Care Plumbing Products















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



# **G-10** General Product Catalog

### **Table of Contents**

Pre-Rinse Units – A	
B-0108 and B-0108-C JeTSpray Pre-Rinse Units	A6-11
Standard B-0107 Spray Valve Pre-Rinse Units	A12-22
Low Flow B-0107-C Spray Valve Pre-Rinse Units	A24-29
Faucet, Hose and Spray Valve Assemblies	A30-35
Pre-Rinse Accessories Spindle Assemblies	A23, 36-44
Pot, Kettle and Glass Fillers – B	
Glass Fillers	D2 5
Pot and Kettle Fillers/Dipperwell Kettle Kaddy Spray Stanchions	
Big-Flo Faucets	
	B12-13
Pot, Kettle and Glass Filler Accessories/Parts Kits	B15-16
Faucets and Components – C	
B. J. C. L.	
Product Adaptability	60.14
Faucets and Fittings	
Faucets and Fittings  NEW! Water-Saving Aerators (p. C8-1	
Faucets and Fittings	10)
Faucets and Fittings	(10) C15-26
Faucets and Fittings	C15-26 C27-33
Faucets and Fittings	C15-26 C27-33
Faucets and Fittings	C15-26 C27-33 C33-36
Faucets and Fittings	C15-26 C27-33 C33-36 36) C37, 40
Faucets and Fittings  NEW! Water-Saving Aerators (p. C8-1)  Sink and Pantry Faucets and Nozzles  Workboard Faucets and Nozzles  Waste Valves and Accessories  NEW! Modular Waste Valves (p. C35-  Parts Kits and Accessories	C15-26 C27-33 C33-36 36) C37, 40 C38-39
Faucets and Fittings  NEW! Water-Saving Aerators (p. C8-1 Sink and Pantry Faucets and Nozzles  Workboard Faucets and Nozzles  Waste Valves and Accessories  NEW! Modular Waste Valves (p. C35- Parts Kits and Accessories  Spindle Assemblies	C15-26 C27-33 C33-36 36) C37, 40 C38-39
Faucets and Fittings	C15-26 C27-33 C33-36 36) C37, 40 C38-39
Faucets and Fittings	C15-26 C27-33 C33-36 36) C37, 40 C38-39 ucts - D D4-5 D6-12
Faucets and Fittings	C15-26 C27-33 C33-36 36) C37, 40 C38-39 ucts - D D4-5 D6-12 D13-27
Faucets and Fittings	C15-26 C27-33 C33-36 36) C37, 40 C38-39 UCTS - D D4-5 D6-12 D13-27
Faucets and Fittings	C15-26 C27-33 C33-36 36) C37, 40 C38-39 CCS - D D4-5 D6-12 D13-27



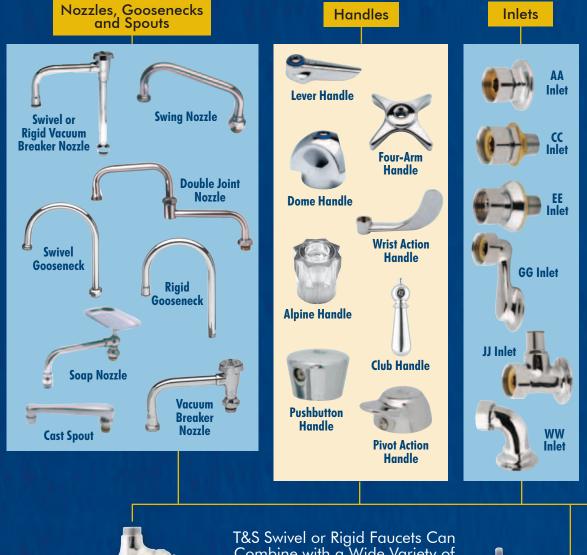


Bath and Shower
Vacuum Breaker Assemblies <b>D50</b>
Laboratory Products D51-64
Stops and Supplies D64-65
Parts Kits <b>D66-67</b>
Faucet Fittings, Aerators, Outlets <b>D68-78</b>
NEW! Water Conservation Plumbing Models
Washdown and Clean-Up Solutions – E
Retractable Hose Reels Hose Reel Assemblies/Accessories <b>E3-22</b>
Service Sink, Mop Sink, Sill Faucets and Accessories <b>E23-29</b>
Washdown Stations/Accessories <b>E30-32</b>
Safe-T-Link Appliance Connectors – F
Gas Appliance Connectors and Accessories/Specification F4-9
Water Appliance Connectors Specifying Water Connectors
Index of Appliance Connectors <b>F12</b>
Emergency Safety Equipment by Haws – G
Emergency Safety Equipment G1-6
equip Foodservice Plumbing Products – H
Electronic Faucets, Pre-Rinse Units, Faucets, Glass Fillers, Hose Reels and Accessories
Pet-Care Plumbing Products - P
Pet-Care Plumbing Products P1-8
Master Index - IN
G-10 Index of Models and Part NumbersIN1-16



### **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 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

# 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 195° F, plus integrated cartridge baffles at the outlets reduce water hammer and provide quiet operation.



U.S. Patent # 5,996,614

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>.













#### **Associations**



# **Pre-Rinse Units**













### **G-10** General Product Catalog

### **Table of Contents**

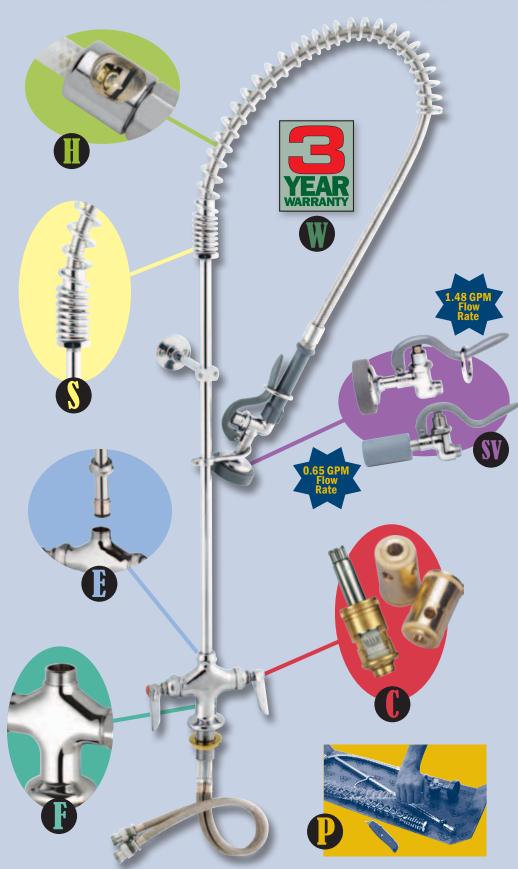


Pre-Rinse Units – A		Notes
B-0108 and B-0108-C JeTSpray Pre-Rinse Units	11	
<ul> <li>B-0113-08 and B-0113-08C series</li> <li>B-0123-08 and B-0123-08C series</li> <li>B-0133-08 and B-0133-08C series</li> </ul>	A6-7 A8-9 A10-11	
Standard B-0107 Spray Valve Pre-Rinse Units	-22	
<ul> <li>B-0113-B series Pre-Rinse Units</li> <li>B-0123-B series Pre-Rinse Units</li> <li>B-0133-B series Pre-Rinse Units</li> <li>Other Spring Action Gooseneck PRUs</li> <li>Overhead Swivel Arm Pre-Rinse Units</li> <li>Rotoflex Design Pre-Rinse Units</li> <li>Big-Flo Pre-Rinse Units</li> </ul>	A12 A13 A14 A15-18 A19-20 A21 A22	
Low Flow B-0107-C Spray Valve Pre-Rinse Units		
Faucet, Hose and Spray Valve Assemblies	)-35	
<ul> <li>Spray Valve Assemblies</li> <li>Faucets and Spray Valve Assemblies</li> <li>Quick-Connect Spray Assemblies</li> <li>Replacement Hoses</li> </ul>	A30-31 A31-33 A33-34 A35	
Pre-Rinse Accessories A23,		
<ul> <li>NEW TEES! EasyInstall Accessories</li> <li>B-0107 and B-0108 Spray Valves and Accessories</li> <li>Add-On Faucets</li> <li>NEW! B-0107-J Low Flow Spray Valve</li> <li>Water and Energy Conservation Comparison Chart</li> <li>Wall Brackets, Outlets, Swivels, etc.</li> <li>NEW! Swivel for Pre-Rinse Spray Valves</li> <li>Repair and Installation Kits</li> <li>Spindle Assemblies</li> <li>Inlet Options</li> </ul>	A36-41 A37 A38-39 A39 A38-39 A41 A41, 44 A42-43 A44	

#### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the **G-10 General Product Catalog** "Master Index" section (IN).

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



Easy Install









#### **CARTRIDGES**

- Interchangeable
- · Self-contained and easily replaced
- Ceramic and 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



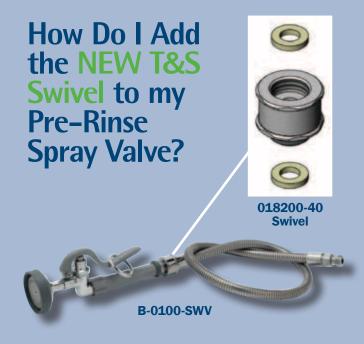


### Introducing the NEW B-0107-J with a 1.07 GPM Flow Rate!

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



# It's Easy To Install the NEW 018200-40 Swivel with 360° Rotation Capability

Our T&S Swivel will allow a greater range of rotation and motion for your spray valve and is more ergonomic! Here's how to install it:

- 1. Unscrew the grey spray handle from the hose and place a new (001014-45) washer in the hose barrel.
- 2. Start threading the male end of the swivel to the hose. With a 5/16" hex L-key firmly tighten the swivel to the hose.
- 3. Place the second washer (001014-45) in the swivel end and screw the spray valve handle\* into the swivel using your hands or a 7/8" wrench. Tighten firmly.

That's it – you don't need to do anything else!

\* If you have a B-0108 series spray valve, tighten the swivel directly to the spray valve.

### T&S Brass Easy Install Mini Pre-Rinse Line



#### 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 Mini Pre-Rinse Units, designed to fit in compact kitchens and in tight spaces.

All T&S Mini 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 Swivel Nozzle for pot and kettle filling convenience
- Water-conserving Spray Valves



Mini Pre-Rinse Unit Configurator -**Build Your Own Mini 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 Mini 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 with 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 **L** B-0107-J35 B-0107-

#### **PRU Body**

- 2D 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**

- L Lever
- 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)
- N No Vacuum Breaker

### **Ceramic Cartridge**

**CR** Ceramic cartridge

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





## Pre-rinse units with the B-0108 JeTSpray valve (1.48 GPM) comply with EPAct 2005.

- NEW! Ergonomic B-0108 JeTSpray valve is powerful and efficient
- Most pre-rinse units are equipped with internal spring checks to prevent cross flow
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly 002711-40



#### B-0113-08 Series Pre-Rinse Units

- Single hole base faucet assembly (014207-40) or (B-0113-LN) with EasyInstall™ "pop and lock" riser installation feature
- B-0108 JeTSpray valve (1.48 gpm)
- 18" (457 mm) flexible inlets with 1/2" couplings
- 1/2" NPT male inlets
- 45" (1143 mm) high
- 14-1/2" (368 mm) overhang
- 20-5/8" (524 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0044-H flexible stainless steel hose
- Spring action gooseneck

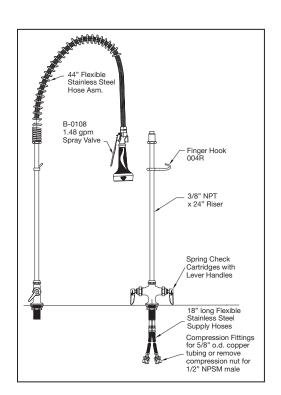
# B-0113-08 Series Pre-Rinse Units with B-0108 JeTSpray Valve Models

B-0113-08 with B-0108 JeTSpray valve, no wall bracket

#### All other models are same as B-0113-08 except:

B-0113-B08 with B-0109-01 wall bracket

B-0113-A12-B08 with 12" (305 mm) add-on faucet and wall bracket





### **Low Flow JeTSpray B-0108-C Pre-Rinse Units**





## Pre-rinse units with the B-0108-C JeTSpray valve (0.65 GPM) comply with EPAct 2005.

- NEW! Ergonomic B-0108-C low flow JeTSpray valve is powerful and efficient
- Most pre-rinse units are equipped with internal spring checks to prevent cross flow
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly 002711-40





### B-0113-08C Series Pre-Rinse Units



#### **NEW!** B-0108-C low flow JeTSpray valve (0.65 gpm)

- Single hole base faucet assembly (014207-40) or (B-0113-LN) with EasyInstall™ "pop and lock" riser installation feature
- 18" (457 mm) flexible inlets with 1/2" couplings
- 1/2" NPT male inlets
- 45" (1143 mm) high
- 14-1/2" (368 mm) overhang
- 20-5/8" (524 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0044-H flexible stainless steel hose
- Spring action gooseneck



# B-0113-08C Series Pre-Rinse Units with B-0108-C Low Flow JeTSpray Valve Models

B-0113-08C with B-0108-C low flow JeTSpray valve, no wall bracket

#### All other models are same as B-0113-08C except:

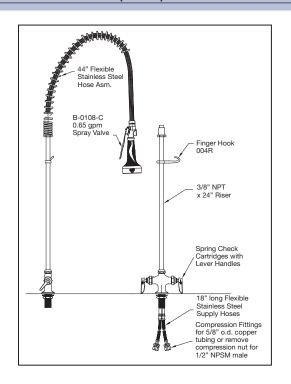
B-0113-B08C with B-0109-01 wall bracket

B-0113-A06-B08C with 6" (152 mm) add-on faucet and wall bracket

**B-0113-A10-08C** with 10" (254 mm) add-on faucet

B-0113-A12-08C with 12" (305 mm) add-on faucet

B-0113-A12-B08C with 12" (305 mm) add-on faucet and wall bracket







## Pre-rinse units with the B-0108 JeTSpray valve (1.48 GPM) comply with EPAct 2005.

- NEW! Ergonomic B-0108 JeTSpray valve is powerful and efficient
- Most pre-rinse units are equipped with internal spring checks to prevent cross fl
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly 002711-40



#### B-0123-08 Series Pre-Rinse Units

- 8" (203 mm) center deck base faucet assembly (014208-40) with EasyInstall™ "pop and lock" riser installation feature
- B-0108 JeTSpray valve (1.48 gpm)
- 44-13/16" (1138 mm) high
- 14-3/8" (365 mm) overhang
- 17-3/8" (441 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 24" (610 mm) riser (000372-40)
- B-0044-H flexible stainless steel hose
- Spring action gooseneck

Note: Supply nipples sold separately — B-0425 (2 required, see p. A40).

# B-0123-08 Series Pre-Rinse Units with B-0108 JeTSpray Valve Models

B-0123-08 with B-0108 JeTSpray valve, no wall bracket

#### All other models are same as B-0123-08 except:

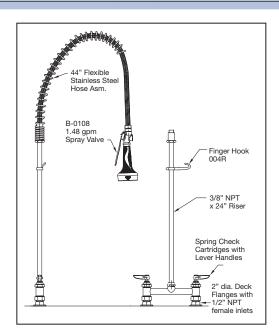
B-0123-B08 with B-0109-01 wall bracket

B-0123-A06-B08 with 6" (152 mm) add-on faucet and wall bracket

B-0123-A10-08 with 10" (254 mm) add-on faucet

B-0123-A12-08 with 12" (305 mm) add-on faucet

B-0123-A12-B08 with 12" (305 mm) add-on faucet and wall bracket





### **Low Flow JeTSpray B-0108-C Pre-Rinse Units**





## Pre-rinse units with the B-0108-C JeTSpray valve (0.65 GPM) comply with EPAct 2005.

- NEW! Ergonomic B-0108-C low flow JeTSpray valve is powerful and efficient
- Most pre-rinse units are equipped with internal spring checks to prevent cross flow
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly 002711-40







#### **NEW!** B-0108-C low flow JeTSpray valve (0.65 GPM)

- 8" (203 mm) center deck base faucet assembly (014208-40) with EasyInstall™ "pop and lock" riser installation feature
- 44-13/16" (1138 mm) high
- 14-3/8" (365 mm) overhang
- 17-3/8" (441 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 24" (610 mm) riser (000372-40)
- B-0044-H flexible stainless steel hose
- Spring action gooseneck

Note: Supply nipples sold separately — B-0425 (2 required, see p. A40).

Improved 0.65 GPM

B-0108-C

New and

# B-0123-08C Series Pre-Rinse Units with B-0108-C Low Flow JeTSpray Valve Models

**B-0123-08C** with B-0108-C low flow JeTSpray valve, no wall bracket

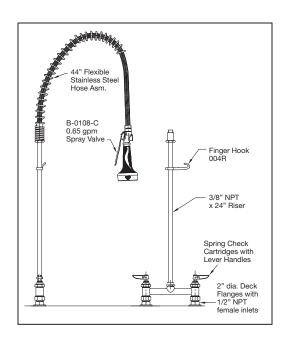
#### All other models are same as B-0123-08C except:

B-0123-B08C with B-0109-01 wall bracket

B-0123-A10-08C with 10" (254 mm) add-on faucet

B-0123-A12-08C with 12" (305 mm) add-on faucet

B-0123-A12-B08C with 12" (305 mm) add-on faucet and wall bracket







### Pre-rinse units with the B-0108 JeTSpray valve (1.48 GPM) comply with EPAct 2005.

- **NEW!** Ergonomic B-0108 JeTSpray valve is powerful and efficient
- Most pre-rinse units are equipped with internal spring checks to pre-
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly 002711-40



#### B-0133-08 Series Pre-Rinse Units

- 8" (203 mm) center wall mounted base faucet assembly (014209-40) with EasyInstall™ "pop and lock" riser installation feature
- 35-1/2" (902 mm) high
- B-0108 JeTSpray valve (1.48 GPM)
- 15" (381 mm) overhang
- 8-1/4" clearance (210 mm)
- 1/2" NPT female eccentric flanged inlets (00AA)
- 18" (457 mm) riser (000369-40)
- B-0044-H flexible stainless steel hose
- Spring action gooseneck

Note: Installation Kit sold separately — B-0230-K (1 required, see p. A44).

# B-0133-08 Series Pre-Rinse Units with B-0108 JeTSpray Valve Models

B-0133-08 with B-0108 JeTSpray valve, no wall bracket

#### All other models are same as B-0133-08 except:

B-0133-B08 with B-0109-01 wall bracket

B-0133-A06-08 with 6" (152 mm) add-on faucet

B-0133-A08-08 with 8" (203 mm) add-on faucet

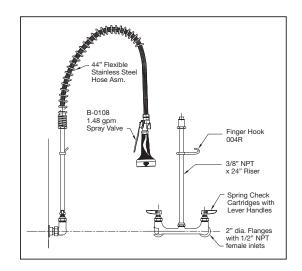
B-0133-A08-B08 with 8" (203 mm) add-on faucet and wall bracket

B-0133-A10-B08 with 10" (254 mm) add-on faucet and wall bracket

B-0133-A12-08 with 12" (305 mm) add-on faucet

B-0133-A12-B08 with 12" (305 mm) add-on faucet and wall bracket







# Pre-rinse units with the B-0108-C JeTSpray valve (0.65 GPM) comply with EPAct 2005.

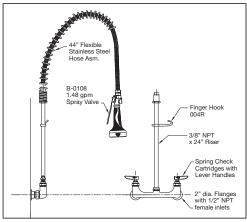
- NEW! Ergonomic B-0108-C low flow JeTSpray valve is powerful and efficier
- Most pre-rinse units are equipped with internal spring checks to prevent cross flow
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly 002711-40





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





#### **NEW!** B-0108-C low flow JeTSpray valve (0.65 GPM)

- 8" (203 mm) center wall mounted base faucet assembly (014209-40) with EasyInstall™ "pop and lock" riser installation feature
- 35-1/2" (902 mm) high
- 15" (381 mm) overhang
- 8-1/4" (210 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 18" (457 mm) riser (000369-40)
- B-0044-H flexible stainless steel hose
- · Spring action gooseneck

Note: Installation Kit sold separately — B-0230-K (1 required, see p. A44).



B-0133-08C with B-0108-C low flow JeTSpray valve, no wall bracket

#### All other models are same as B-0133-08C except:

B-0133-B08C with B-0109-01 wall bracket

**B-0133-CR-B08C** with ceramic cartridges and B-0109-01 wall bracket

B-0133-EE-CR-8C with ceramic cartridges and 00EE male inlets

#### **Add-On Faucet Models:**

**B-0133-01-CR-8C** with add-on faucet and 14" (356 mm) swing nozzle, B-0109-02 9" (229 mm) wall bracket and ceramic cartridges

B-0133-A06-08C with 6" (152 mm) add-on faucet

**B-0133-A08-08C** with 8" (203 mm) add-on faucet

B-0133-A08-B08C with 8" (203 mm) add-on faucet and wall bracket

B-0133-A10-08C with 10" (254 mm) add-on faucet

B-0133-A10-B08C with 10" (254 mm) add-on faucet and wall bracket

B-0133-A12-08C with 12" (305 mm) add-on faucet

**B-0133-A12-B08C** with 12" (305 mm) add-on faucet and wall bracket

**B-0133-A12-B8CX** with 12" (305 mm) add-on faucet and 10" (254 mm) riser



### Tas



#### With Spring Action Gooseneek

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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40
- Cold Spindle Assembly 002711-40

### B-0113-B Series Pre-Rinse Units

- Single hole base faucet assembly (014207-40) or (B-0113-LN) with EasyInstall™ "pop and lock" riser installation feature
- B-0109-01 6" (152 mm) wall bracket
- 18" (457 mm) flexible inlets with 1/2" couplings
- B-0107 spray valve (1.42 GPM)
- 1/2" NPT male inlets
- 45" (1143 mm) high
- 14" (356 mm) overhang
- 24" (610 mm) riser (000372-40)
- 19-3/8" (492 mm) clearance
- B-0044-H flexible stainless steel hose

Note: Universal body accepts flex lines and spreader yoke

# B-0113-B Series Pre-Rinse Units with B-0107 Spray Valve Models

B-0113 without B-0109-01 wall bracket

#### All other models are same as B-0113 except:

B-0113-01BY with 4" spreader unit and 6" wall bracket

**B-0113-079X-V-B** with vaccum breaker and 10" (254 mm) riser

B-0113-12-CRVB with ceramic cartridges, add-on faucet, 12" swing nozzle and vacuum breaker

**B-0113-A12B-TEE** with add-on faucet, 12" swing nozzle, B-0109-01 wall bracket and accessory fitting tee

B-0113-B with B-0109-01 wall bracket

**B-0113-B-SWV** with B-0109-01 wall bracket and swivel

**B-0113-B-TEE** with B-0109-01 wall bracket and accessory fitting tee

B-0113-B9 with B-0109-02 9" (229 mm) wall bracket

**B-0113-BM** B-0113-B Master Box (6)

B-0113-BR with B-0044-R PVC hose

B-0113-BY with spreader unit

**B-0113-CR** with ceramic cartridges

**B-0113-CR-B** with ceramic cartridges and B-0109-01 wall bracket

B-0113-CR-V-B with ceramic cartridges, B-0109-01 wall bracket and B-0970-FEZ EasyInstall vacuum breaker

**B-0113-M** Master Box (6)

**B-0113-Y** Same as B-0113-BY except without B-0109-01 wall bracket



# B-0113 Series Pre-Rinse Units with Add-On Faucet (-A\_\_ Models)

B-0113-ADF08-B with 8" (203 mm) add-on faucet and wall bracket

B-0113-ADF10-B with 10" (254 mm) add-on faucet and wall bracket

B-0113-ADF10-BR with 10" (254 mm) add-on faucet, wall bracket and brush attachment (BR-10)

**B-0113-ADF12** with 12" (305 mm) add-on faucet

B-0113-ADF12-B with 12" (305 mm) add-on faucet and wall bracket





With Spring Action Goos

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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40
- Cold Spindle Assembly 002711-40

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

- 8" (203 mm) center deck base faucet assembly (014208-40) with EasyInstall™ "pop and lock" riser installation feature
- B-0109-01 6" (152 mm) wall bracket
- 44-13/16" (1138 mm) high
- B-0107 spray valve (1.42 GPM)
- 14" (356 mm) overhang
- 17-3/8" (441 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 24" (610 mm) riser (000372-40)
- B-0044-H flexible stainless steel hose

Note: Supply nipples sold separately — B-0425 (2 required, see p. A40).

# B-0123-B Series Pre-Rinse Units with B-0107 Spray Valve Models

**B-0123** without B-0109-01 wall bracket

#### All other models are same as B-0123 except:

B-0123-B with B-0109-01 wall bracket

B-0123-B9 with B-0109-02 9" (229 mm) wall bracket

**B-0123-BM** Master Box (6)

B-0123-CR with ceramic cartridges

**B-0123-CRCCVB** with ceramic cartridges, 00CC inlets, add-on faucet with 12" swing nozzle and vacuum breaker

**B-0123-CR-B** with ceramic cartridges and B-0109-01 wall bracket

**B-0123-CR-CCV-B** with ceramic cartridges, 00CC inlets, add-on faucet with 12" swing nozzle, vacuum breaker and B-0109-01 wall bracket

**B-0123-M** Master Box (6)

**B-2288** same as B-0123-B except with 4" (102 mm) centers (002667-40)

# B-0123-B Series Pre-Rinse Units with Add-On Faucet (-A\_ Models)

B-0123-ADF06-B with 6" (152 mm) add-on faucet and wall bracket

**B-0123-ADF08** with 8" (203 mm) add-on faucet

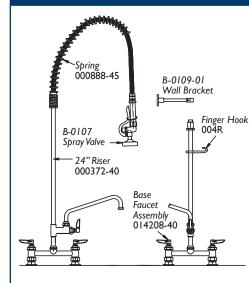
B-0123-ADF08-B with 8" (203 mm) add-on faucet and wall bracket

B-0123-ADF10-B with 10" (254 mm) add-on faucet and wall bracket

B-0123-ADF12 with 12" (305 mm) add-on faucet

B-0123-ADF12-B with 12" (305 mm) add-on faucet and wall bracket





### Tas



With Spring Action Gooseneck

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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40
   Cold Spindle Assembly 002711-40

### B-0133-B Series Pre-Rinse Units

- 8" (203 mm) center wall mounted base faucet assembly (014209-40) with EasyInstall™ "pop and lock" riser installation feature
- 8-1/4" (210 mm) clearance
- B-0109-01 6" (152 mm) wall bracket
- 35-1/2" (902 mm) high
- B-0107 spray valve (1.42 GPM)
- 15" (381 mm) overhang
- 1/2" NPT female eccentric flanged inlets (00AA)
- 18" (457 mm) riser (000369-40)
- B-0044-H flexible stainless steel hose

Note: Installation Kit sold separately — B-0230-K (1 required, see p. A44; or order a B-0133-B-02).

# B-0133-B Series Pre-Rinse Units with B-0107 Spray Valve Models

B-0133 without B-0109-01 wall bracket

#### All other models are same as B-0133 except:

B-0133-B with B-0109-01 wall bracket

**B-0133-01** includes add-on faucet with 14" nozzle (B-0158) and B-0056-H hose

**B-0133-01-36H** includes 00CC inlets, add-on faucet with 14" (356 mm) swing nozzle and 36" (B-0036-H) hose

**B-0133-01-CR** same as B-0133-01 with ceramic cartridges

**B-0133-12-CRVBE** includes add-on faucet, ceramic cartridges, vacuum breaker and B-0230-K

B-0133-B-02 with B-0230-K Installation Kit

B-0133-B-SWV with B-0109-01 wall bracket and swivel

B-0133-B-TEE with B-0109-01 wall bracket and accessory fitting tee

**B-0133-B9** with 9" B-0109-02 wall bracket

**B-0133-B9M** Master Box (6)

**B-0133-BM** Master Box (6)

B-0133-BQD with B-019-01 wall bracket and quick-disconnect hose

**B-0133-BR-B** with B-0109-01 wall bracket, brush attachment, supply stops and supply hoses

**B-0133-BR** with B-0109-01 wall bracket and B-0044-R PVC hose

**B-0133-CC** with 1/2" NPT male inlets (00CC)

**B-0133-CCB** 1/2" NPT male inlets (00CC), B-0109-01 wall bracket

**B-0133-CCB-CR** same as B-0133-01 with B-0109-01 wall bracket, 00CC inlets and ceramic cartridges

**B-0133-CCB-M** Master Box (6)

B-0133-CR with ceramic cartridges

B-0133-CR-B with ceramic cartridges, B-0109-01 wall bracket



B-0133-CR-V-BE with ceramic cartridges, vacuum breaker, B-0230-K

**B-0133-EE-B** with 1-1/2" NPT male inlets, B-0109-01 wall bracket

**B-0133-EE-BM** Master Box (6)

B-0133-LB with riser, hose and spray valve, less base faucet

**B-0133-M** Master Box (6)

B-0133-V-B with vacuum breaker and B-0109-01 wall bracket

**B-0133-V-B-68H** with vacuum breaker, B-0109-01 wall bracket and 68" (1727 mm) flexible stainless steel hose



#### With Spring Action Gooseneck

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

Most pre-rinse units are equipped with internal spring checks to prevent cross flow.

Hot Spindle Assembly – 002712-40
 Cold Spindle Assembly – 002711-40



# B-0133 Series Pre-Rinse Units with Add-On Faucet (-A\_ Models)

B-0133-A12B-TEE with 12" (305 mm) add-on faucet, wall bracket and accessory fitting tee

B-0133-ADF06 with 6" (152 mm) add-on faucet

B-0133-ADF06-B with 6" (152 mm) add-on faucet and wall bracket

B-0133-ADF08 with 8" (203 mm) add-on faucet

B-0133-ADF08-B with 8" (203 mm) add-on faucet and wall bracket

B-0133-ADF10-B with 10" (254 mm) add-on faucet and wall bracket

B-0133-ADF10-BR with 10" (254 mm) add-on faucet, wall bracket and brush attachment

B-0133-ADF12 with 12" (305 mm) add-on faucet

B-0133-ADF12-B with 12" (305 mm) add-on faucet and wall bracket

B-0133-ADF12-BM Master Pack (6)

- B-0133-ADF12-BR with 12" (305 mm) add-on faucet, wall bracket and brush attachment
- B-0133-A12-CCB with 12" (305 mm) add-on faucet, wall bracket and 1/2" NPT CC inlets
- B-0133-A14-CCB with 14" (356 mm) add-on faucet, wall bracket and 1/2" NPT CC inlets
- B-0133-ADF14-B with 14" (356 mm) add-on faucet and wall bracket
- B-0133-ADF14-BR with 14" (356 mm) add-on faucet, wall bracket and brush attachment
- B-0133-ADF16-BR with 16" (406 mm) add-on faucet, wall bracket and brush attachment
- B-0133-ADF-LN with add-on faucet body less nozzle

### B-2278 Series Pre-Rinse Units

- 8" (203 mm) center wall mounted base faucet assembly (014209-40) with EasyInstall™ "pop and lock" riser installation feature
- 7-1/2" (193 mm) clearance
- 36-15/16" (939 mm) high
- 14" (357 mm) overhang
- B-0109-01 6" (152 mm) wall bracket
- Includes supply nipples (B-0425) B-0970-FEZ vacuum breaker
- B-0107 spray valve (1.42 GPM)
   18" (457 mm) riser (000369-40)
- 1/2" NPT female eccentric flanged inlets (00AA)
- B-0044-H flexible stainless steel hose
   004R finger hook

# B-2278 Series Pre-Rinse Units with B-0107 Spray Valve Models

B-2278 with B-0109-01 wall bracket

#### All other models are same as B-2278 except:

**B-2278-01** with B-0156 add-on faucet, 12" (305 mm) swing nozzle

**B-2278-01-CR** with ceramic cartridges with check valves

B-2278-02 same as B-2278 except with B-0107-C low flow spray valve

**B-2278-02-CR** with ceramic cartridges with check valves

B-2278-03 same as B-2278 except with 18-1/2" (470 mm) clearance

**B-2278-03-CR** with ceramic cartridges with check valves

**B-2278-0440-CR** with in-line continuous vacuum breaker and ceramic cartridges with check valves

**B-2278-A12CRCEL** with short els with 1/2" NPT female inlets and add-on faucet with 12" (305 mm) swing nozzle, ceramic cartridges with check valves



**B-2278-ADF** with add-on faucet with 12" (305 mm) swing nozzle

B-2278-B9 with 9" (229 mm) wall bracket

**B-2278-CR** with ceramic cartridges with check valves

B-2278-CR-C-EL with ceramic cartridges and short els with 1/2" NPT female inlets and B-0107-C low flow spray valve





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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly – 002711-40



- Remote control valve (B-0512)
- 1/2" NPSM shank
- 42-1/8" (1070 mm) high
- 14" (356 mm) overhang
- 16-7/16" (418 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0107 spray valve
- B-0044-H 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-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 foot pedal valve control (B-0502)
- 1/2" NPSM shank
- 42-1/8" (1070 mm) high
- 14-3/4" (375 mm) overhang
- 16-9/16" (421 mm) clearance
- 24" (610 mm) riser (000372-40)
- Spray valve (001A) and adapter (000552-25)
- B-0044-H 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



#### **Spring Action Gooseneck Exploded View** Spring 000888-45 B-0107-C Spray Valve Spring Body 000821-40 Hold-Down B-0109-01 Wall Bracket Ring 000907-45 B-0107 Spray Valve 18" Riser - 000369-40 24" Riser - 000372-40 Finger Hook 004R 26" Riser - 000373-40 32" Riser - 000376-40 Swing Nozzle 12" - 062X 18" - 065X B-0155-LN Add-On Faucet Assembly 002832-40 002829-40 002824-40 8" Center Wall 8" Center Deck Single Hole with 4" **Mount Base Faucet Mount Base Faucet** preader Unit Base Faucet

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

- Splash mounted faucet 4" (102 mm) centers (mounted behind splashback with handles)
- 35-7/8" (911 mm) high
- 14" (356 mm) overhana
- 10-1/4" (260 mm) clearance
- 1/2" NPT female inlets (facing down)
- 18" (457 mm) riser (000369-40)
- B-0107 spray valve
- B-0044-H 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







With Spring Action Gooseneck Pre-rinse units with the redesigned B-0107 spray valve (1.42 GPM) comply with EPAct 2005.

Most pre-rinse units are equipped with internal spring checks to prevent cross flow.

• Hot Spindle Assembly - 002712-40 • Cold Spindle Assembly - 002711-40



- Single hole base faucet with 4" (102 mm) spreader unit
- 45-1/2" (1155 mm) high
- 14" (356 mm) overhang
- 19-13/16" clearance (504 mm)
- 24" (610 mm) riser (000372-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H flexible stainless steel hose
- Includes spring checks

**B-0173-B** with B-0109-03 12" (305 mm) wall bracket

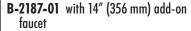


#### **B-2187 Pre-Rinse Unit**

- 8" (203 mm) center wall mount faucet
- 46-13/16" (1188 mm) high
- 14" (356 mm) overhang
- 18" (457 mm) riser model (00369-40)
- B-0044-R PVC hose
- B-0107 spray valve (1.42 GPM)
- B-0109-01 6" (152 mm) wall bracket
- 1/2" NPT female eccentric flanged inlets (00AA)
- Add-on faucet with 14" swing nozzle (B-0158)

Note: Also available with 1/2" NPT male inlets and locknuts (OOCC) on faucet in place of female inlets.

Note: Installation Kit sold separately — B-0230-K (1 required, see p. A44).



**B-2180** with 18" (457 mm) add-on faucet

B-2194 with 16" (406 mm) add-on faucet and 12" (305 mm) wall bracket



- 6" (152 mm) center deck mounted base faucet (008963-40)
- 49-3/8" (1254 mm) high
- 14" (356 mm) overhang
- 23-3/4" (603 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 24" (610 mm) riser model (000372-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H flexible stainless steel hose
- B-0109-01 6" (152 mm) wall bracket

Note: Installation Kit sold separately – B-0230-K (2 required, see p. A44).



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

- Wall mounted base faucet with adjustable inlet arms from 2-1/4" to 8-1/4" (57 mm to 210 mm) centers
- 40-1/2" (1028 mm) high
- 14" (356 mm) overhang
- 14-13/16" (377 mm) clearance
- 1/2" NPT female inlets
- 18" (457 mm) riser model (000369-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H flexible stainless steel hose
- B-0109-01 6" (152 mm) wall bracket

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





### TAS



With Spring Action Gooseneck

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

Most pre-rinse units are equipped with internal spring checks to prevent cross flow.

Hot Spindle Assembly – 002712-40
 Cold Spindle Assembly – 002711-40

#### B-2285 Pre-Rinse Unit

- Single hole base faucet
- Fits sink top to 1-3/4" (44 mm) thick
- 45-1/2" (1155 mm) high
- 14" (356 mm) overhang
- 19-7/8" (504 mm) clearance
- 1/2" male NPSM threaded inlet
- 24" riser model (000372-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H flexible stainless steel hose

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



#### B-2338 Pre-Rinse Unit

- Single hole base faucet with 4" (102 mm) spreader unit and 1/2" NPT male inlets
- 43-9/16" (1106 mm) high
- 14" (356 mm) overhang
- 12-1/8" (308 mm) swing nozzle clearance
- 18" (457 mm) riser model (000369-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H flexible stainless steel hose
- B-0156 add on faucet with 12" (305 mm) nozzle
- B-0109-01 6" (152 mm) wall bracket

B-2338-CR with ceramic cartridges



#### B-2349 Pre-Rinse Unit

- Single hole base faucet with flexible stainless steel hoses with compression fitting for 5/8" O.D. copper tubing
- 45-1/2" (1156 mm) high
- 14" (356 mm) overhang
- 19-13/16" (503 mm) clearance
- 24" (610 mm) riser model (000372-40)
- B-0107 spray valve (1.42 GPM)
- B-0044-H flexible stainless steel hose
- B-0109-03 12" (305 mm) wall bracket



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

- Single hole base faucet with 4" (102 mm) spreader unit and 1/2" NPT male inlets
- Ceramic cartridges
- 43-9/16" (1106 mm) high
- 14" (356 mm) overhang
- 12-1/8" (308 mm) swing nozzle clearance
- 18" (457 mm) riser model (000369-40)
- B-0108-C low flow JeTSpray valve (0.65 GPM)
- B-0044-H flexible stainless steel hose
- B-0156 add on faucet with 12" (305 mm) nozzle
- B-0109-01 6" (152 mm) wall bracket





#### **With Overhead Swivel Arm**

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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40
   Cold Spindle Assembly 002711-40



#### B-0111 Pre-Rinse Unit

- Single hole base faucet with EasyInstall™ "pop and lock" riser installation feature
- 18" (457 mm) flexible inlets with 1/2" couplings
- 38-3/8" (975 mm) high
- 9" (229 mm) clearance
- 12" (305 mm) swivel arm
- B-0107 spray valve (1.42 GPM)
- 32" (610 mm) riser (000376-40)
- B-0020-H flexible stainless steel hose
- **B-0111-B** with B-0109-01 6" (152 mm) wall bracket
- **B-0111-BC** with B-0109-01 6" (152 mm) wall bracket and B-0107-C low-flow spray valve
- **B-0111-C** with B-0107-C low flow spray valve
- **B-0111-02** same as B-0111-B less base faucet
- **B-0111-BR** with B-0109-01 6" (152 mm) wall bracket and B-0020-R PVC hose
- **B-0112** 18" (457 mm) swivel arm, 38" (969 mm) riser model (000377-40), 44" (1117 mm) high

### Easy Install



#### B-0121 Pre-Rinse Unit

- 8" (203 mm) center deck mount faucet (002829-40)
- 1/2" NPT female eccentric flanged inlets (00AA)
- 38-3/8" (975 mm) high
- 8-3/8" (213 mm) clearance
- 12" (305 mm) swivel arm
- 32" (823 mm) riser (000376-40)
- B-0107 spray valve (1.42 GPM)
- B-0020-H flexible stainless steel hose

Note: Supply nipples sold separately — B-0425 (2 required, see p. A40).

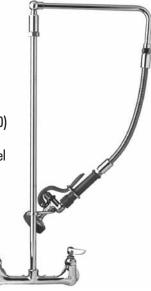
**B-0122** with 18" (457 mm) swivel arm, 38" (969 mm) riser (000377-40), 44" (1117 mm) high



#### B-0131 Pre-Rinse Unit

- 8" (203 mm) center wall mounted faucet (002832-40)
- 30" (762 mm) high
- 1/2" NPT female eccentric flanged inlets (OOAA)
- 12" (305 mm) swivel arm
- 26" (660 mm) riser (000373-40)
- B-0107 spray valve (1.42 GPM)
- B-0020-H flexible stainless steel hose

Note: Installation Kit sold separately — B-0230-K (1 required, see p. A44).



- **B-0131-ADF12-BC** with 12" (305 mm) add-on faucet, B-0107-C low flow spray valve and 6" (152 mm) B-0109-01 wall bracket
- **B-0131-ADF14-B** same as B-0131 except with 14" add-on faucet (B-0158) and 6" wall bracket (B-0109-01)
- **B-0131-B** with 6"(152 mm) B-0109-01 wall bracket
- **B-0131-BC** same as B-0131 except with B-0107-C low-flow spray valve and 6" wall bracket (B-0109-01)
- B-0131-BC-28H same as B-0131 except with B-0107-C low-flow spray valve and 28" (711 mm) B-0028-H stainless steel hose
- **B-0131-BC-425** same as B-0131 except with B-0107-C low-flow spray valve, 6" wall bracket (B-0109-01) and B-0425 supply kits
- B-0131-CR-B same as B-0131 except with B-0109-01 wall bracket and ceramic cartridges
- **B-0131-CR-B08C** same as B-0131 except with ceramic cartridges, B-0108-C low- flow JeTSpray valve and B-0109-01 wall bracket
- **B-0131-CR-B28H** same as B-0131 except with ceramic cartridges, B-0109-01 wall bracket and 28" (711 mm) B-0028-H stainless steel hose
- **B-0132** with 18" (457 mm) swivel arm, 32" (823mm) riser, 36" (914 mm) high









- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly – 002711-40



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

- Remote control valve (B-0512)
- 35-5/8" (906 mm) high
- 3-3/8" (86mm) to bottom of tailpiece
- 1/2" NPSM male shank
- 12" (305 mm) swivel arm
- 32" (889 mm) riser (000376-40)
- B-0107 spray valve (1.42 GPM)
- B-0020-H flexible stainless steel hose

Note: This unit requires separate check valves.

#### Check Valves for B-0141

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



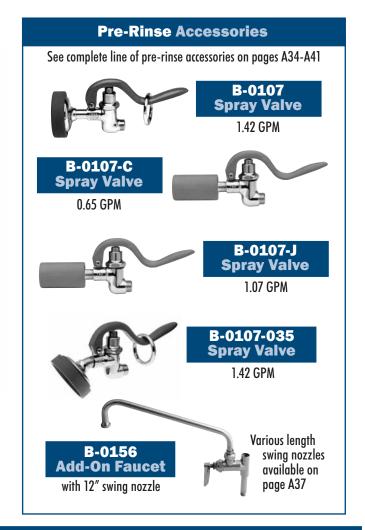
#### **B-0171 Pre-Rinse Unit**

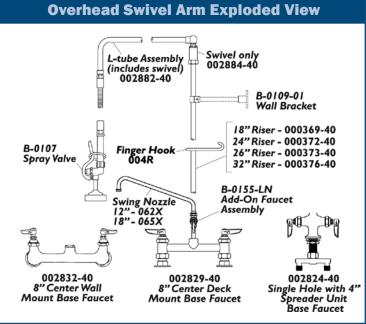
- Single hole base faucet with 4" (102 mm) spreader unit
- 37-7/8" (962 mm) high
- 8-3/8" (213 mm) clearance
- · Volume controls with screwdriver slots on spreader
- 12" (305 mm) swivel arm
- 32" (823 mm) riser (000376-40)
- B-0107 spray valve (1.42 GPM)
- B-0020-H flexible stainless steel hose

**B-0171-01** same as B-0171 except with B-0119 bi-pod support rods wall bracket











#### **With Roto-Flex Design**

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



Hot Spindle Assembly – 002712-40
 Cold Spindle Assembly – 002711-40



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

- Single hole base faucet with 4" (102 mm) spreader unit (002824-40)
- 1/2" NPT male inlets
- 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
- **B-0174** with single supply base with 4" (102 mm) spreader assembly



#### B-0124 Pre-Rinse Unit

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

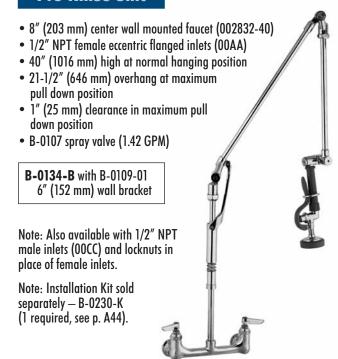
 1/2" NPT female eccentric flanged inlets (00AA)
 42" (1067 mm) high at normal hanging position

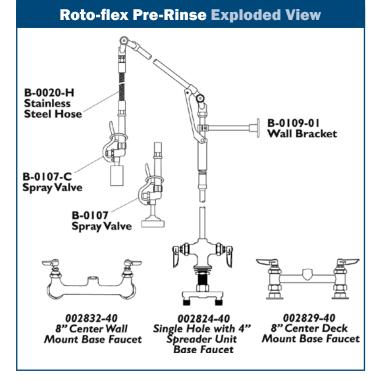
- 21-1/2" (646 mm) overhang at maximum pull down position
- 1" (25 mm) clearance in maximum pull down position
   B-0107 spray valve (1.42 GPM)

Note: Supply nipples sold separately — B-0425 (2 required, see p. A40).



#### B-0134 Pre-Rinse Unit





### **With Big-Flo Faucets**



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

• Pre-rinse units with Big-Flo faucets: Hot and Cold Spindle Assembly - 006482-40



Easy Install

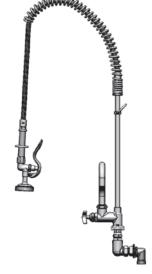
#### B-0287 **Big-Flo Pre-Rinse Unit**

### Easy Install

- EasyInstall 8" (203 mm) centers wall mount base faucet (002840-40CV)
- EasyInstall add-on faucet (B-0286-LNEZ) with 12" (305 mm) swing nozzle (114X)
- 18" (457 mm) riser (000369-40)
- B-0044-H stainless steel hose and B-0107 spray valve (1.42 GPM)
- 3/4" NPT elbows furnished to allow for optional deck mounting or for floor and ceiling supplies behind backsplash
- Furnished with two 3/4" NPT check valves
- 45-1/8" (1146 mm) high
- 10-3/4" (273 mm) clearance from spout

**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 base faucet (B-0296)
- 1/2" NPT female inlet
- Add-on faucet (B-0286)
- 12" (305 mm) swing nozzle (114X)
- B-0060-H stainless steel hose
- Angled spray valve (002853-40)



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



• EasyInstall add-on faucet (B-0286-LNEZ) with 18" (457 mm) swing nozzle (115X)

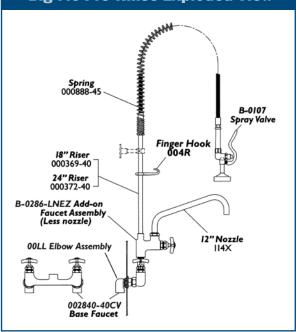
- 034A hose adapter
- B-0104-H stainless steel hose
- B-0107-035 angled spray valve (1.42 GPM)

• 3/4" NPT elbows furnished to allow for optional deck mounting or for floor and ceiling supplies behind backsplash



Note: check valves sold separately — B-CVV3-4

### **Big-Flo Pre-Rinse Exploded View**





# Tas

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

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

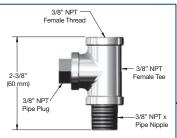
Easy Install

not included with the accessory device.

#### B-TEE-RGD Tee Assembly

- EasyInstall rigid tee assembly
- Chrome plated





**Swivel** 

and Rigid Tee

**Assemblies** 

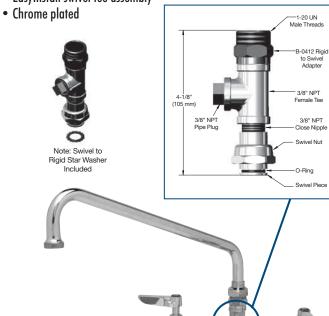
# Female Tee With B-TEE-RGD Rigid Tee Assembly

#### B-TEE-EZK Tee Assembly

EasyInstall swivel tee assembly

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

with B-TEE-EZK Swivel Tee Assembly



### B-0113-A12B-TEE

the B-TEE-RGD:

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

**Pre-Rinse Models with** 

#### B-0113-B-TEE

PRU, wall bracket and rigid tee

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

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

#### B-0133-B-TEE

PRU, wall bracket and rigid tee

The B-TEE-RGD can be easily retrofitted to an existing T&S pre-rinse, ordered separately or used to modify a new pre-rinse unit. Ex.: "B-0123-B modified with a B-TEE-RGD."



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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40 • Cold Spindle Assembly - 002711-40



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

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

- Single hole base faucet assembly (014207-40) or (B-0113-LN) with EasyInstall™ "pop and lock" riser installation feature
- B-0109-01 6" (152 mm) wall bracket (-B models)
- 18" (457 mm) flexible inlets with 1/2" couplings
- 1/2" NPT male inlets
- 45" (1143 mm) high
- 14" (356 mm) overhang
- 18-1/16" (459 mm) clearance
- 24" (610 mm) riser (000372-40)
- B-0044-H flexible stainless steel hose

Note: Universal body accepts flex lines and spreader yoke

#### **B-0113-C Series Pre-Rinse Units** with B-0107-C Low Flow Spray Valve Models

B-0113-C with B-0107-C low flow spray valve, no wall bracket

#### All other models are same as B-0113-C except:

**B-0113-12-CRVBC** with add-on faucet with 12" swing nozzle, ceramic cartridges, vacuum breaker and B-0109-01 wall bracket

B-0113-BC with B-0109-01 wall bracket

**B-0113-BJ** with B-0109-01 wall bracket and NEW B-0107-J low-flow spray valve (1.07 GPM) (see p. A37)

B-0113-A12-V-BC with B-0156 add-on faucet, 12" swing nozzle B-0107-C and B-0970-FEZ vacuum breaker

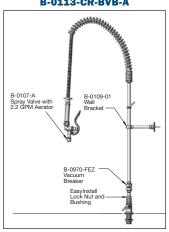
B-0113-CR-BVB-A vertical glass filler with ceramic cartridges, B-0970-FEZ vacuum breaker and B-0107-A spray valve with (2.2 GPM) non-splash aerator (shown below)

B-0113-BC-V9 with vacuum breaker hose

B-0113-CR-V-BC with ceramic cartridges, vacuum breaker and B-0109-01 wall bracket

B-0113-V-BC with B-0970-FEZ vacuum breaker

#### **B-0113-CR-BVB-A**



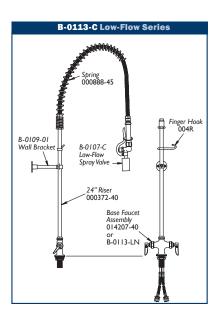


NEW

Models!







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



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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40
   Cold Spindle Assembly 002711-40



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

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

- 8" (203 mm) center deck base faucet assembly (014208-40) with EasyInstall™ "pop and lock" riser installation feature
- B-0109-01 6" (152 mm) wall bracket (-B models)
- 44-13/16" (1138 mm) high
- 14-1/16" (357 mm) overhang
- 17-7/8" (454 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 24" (610 mm) riser (000372-40)
- B-0044-H flexible stainless steel hose

Note: Supply nipples sold separately — B-0425 (2 required, see p. A40).

# B-0123-C Series Pre-Rinse Units with B-0107-C Low Flow Spray Valve Models

B-0123-C with B-0107-C low flow spray valve, no wall bracket

#### All other models are same as B-0123-C except:

**B-0123-12CRCVBC** with B-0109-01 wall bracket, B-0156 12" add-on faucet, ceramic cartridges and B-0970-FEZ vacuum breaker

B-0123-A12-V-BC with B-0109-01 wall bracket, B-0156 12" add-on faucet and B-0970-FEZ vacuum breaker

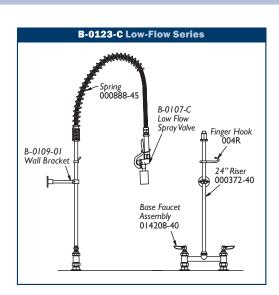
**B-0123-BC** with B-0109-01 wall bracket, 6" (152 mm)

**B-0123-CR-BC** with B-0109-01 wall bracket, ceramic cartridges

**B-0123-CR-C** with ceramic cartridges

**B-0123-CR-CCVBC** with ceramic cartridges, OOCC inlets, B-0970-FEZ vacuum breaker and B-0109-01 wall bracket

B-0123-V-BC with B-0109-01 6" (152 mm) wall bracket and B-0970-FEZ vacuum breaker









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

SOCIATION

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





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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40

# • Cold Spindle Assembly - 002711-40

### **B-0133-C Series Pre-Rinse Units**

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

- 8" (203 mm) center wall mounted base faucet assembly (014209-40) with EasyInstall™ "pop and lock" riser installation feature
- B-0109-01 6" (152 mm) wall bracket (-B models)
- 35-1/2" (902 mm) high
- 15" (381 mm) overhang
- 6-15/16" (176 mm) clearance
- 1/2" NPT female eccentric flanged inlets (00AA)
- 18" (457 mm) riser (000369-40)
- B-0044-H flexible stainless steel hose

Note: Installation Kit sold separately — B-0230-K (1 required, see p. A44).



NEW

Pre-Rinse Models!

### **B-0133-C Series Pre-Rinse Units** with B-0107-C Low Flow Spray Valve Models

**B-0133-C** with B-0107-C low flow spray valve, no wall bracket

#### All other models are same as B-0133-C except:

**B-0133-BC** with B-0109-01 6" (152 mm) wall bracket

**B-0133-CR-BC** with B-0109-01 wall bracket, ceramic cartridges

B-0133-CR-C with ceramic cartridges

B-0133-CR-V-BCE with ceramic cartridges, B-0970-FEZ vacuum breaker, B-0230-K installation kit, B-0109-01 wall bracket and 18" (457 mm) riser

B-0133-V-BC with B-0109-01 wall bracket and B-0970-FEZ vacuum breaker

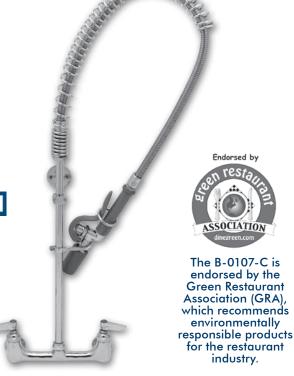
B-2455-C with B-0109-03 12" (305 mm) wall bracket and supply nipples

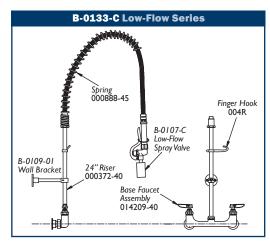
### **B-0133-C Series Pre-Rinse Units with** Add-On Faucet (-A\_ \_ Models)

**B-0133-12CRVBCE** with add-on faucet and 12" swing nozzle, B-0230-K, vacuum breaker, ceramic cartridges and B-0109-01 6" (152 mm) wall bracket

B-0133-ADF12-BC with add-on faucet and 12" swing nozzle and B-0109-01 wall bracket (shown right)

**B-0133-A12-BC4** with add-on faucet and 12" swing nozzle, four-way cross and B-0109-01 wall bracket (shown right)









B-0133-ADF12-BC

B-0133-A12-BC4

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





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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly – 002711-40



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

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

- Single hole base faucet
- Fits sink top to 1-3/4" (44 mm) thick
- 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 model (000372-40)
- B-0044-H flexible stainless steel hose
- B-0109-01 6" (152 mm) wall bracket

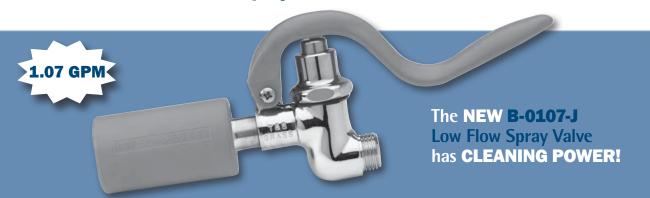






Green Restaurant Association (GRA), which recommends environmentally responsible products for the restaurant industry.

### **NEW! B-0107-J Low Flow Spray Valve for Pre-Rinse Units** and Spray Valve Assemblies



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 waterand 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.

#### **NEW B-0107-J Spray Valve Low Flow** (1.07 GPM) Pre-Rinse Models

**B-0113-BJ** with B-0107-J Spray valve and wall bracket

B-0133-BJ with B-0107-J Spray valve and wall bracket

#### B-0107-J Features:

- · Its intensified power rinsing quickly gets rid of tough baked-on foods
- Consumes 60% 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
- Available as part of a spray valve assembly
- Parts Kit (B-10K-J) available (see p. A41)





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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40
   Cold Spindle Assembly 002711-40



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

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

- 8" (203 mm) center wall mounted faucet (002832-40)
- 29-15/16" (760 mm) high
- 1/2" NPT female eccentric flanged inlets (OOAA)
- 12" (305 mm) swivel arm
- 26" (660 mm) riser (000373-40)
- B-0020-H flexible stainless steel hose

Note: Installation Kit sold separately — B-0230-K (1 required, see p. A44).



#### B-0117 Pre-Rinse Unit

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

- Single hole base faucet with 4" (102 mm) spreader unit (002824-40)
- 1/2" NPT male inlets
- 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 flexible stainless steel hose
- B-0109-01 6" (152 mm) wall bracket

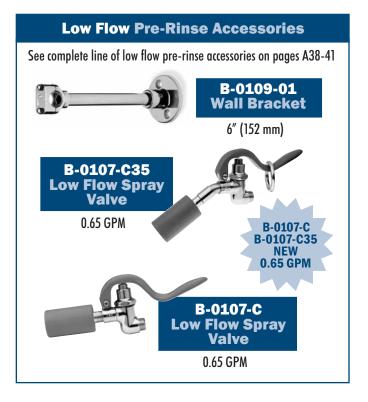
B-0127 same as B-0117 except with 8" center deck mount faucet (002829-40)



#### B-0137 **Pre-Rinse Unit** NEW! With B-0107-C **Ultimate low flow** spray valve (0.65 GPM) • 8" (203 mm) center wall mounted faucet (002832-40)• 39" (990 mm) high at normal hanging position B-0107-C • 21-1/2" (546 mm) New and overhang at maximum **Improved** pull down position 0.65 GPM • 6" (152 mm) clearance in maximum pull down position • 1/2" NPT female eccentric flanged inlets (00AA) • B-0020-H stainless steel hose B-0109-01 6"

Note: Installation Kit sold separately — B-0230-K (1 required, see p. A44).

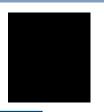
(152 mm) wall bracket





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

- Most pre-rinse units are equipped with internal spring checks to prevent cross flow.
- Hot Spindle Assembly 002712-40
- Cold Spindle Assembly 002711-40



#### B-0126 Pre-Rinse Unit

- B-0107-C35 35° angled low flow spray valve (0.65 GPM)
- Single hole base faucet with 4" (102 mm) spreader unit and 1/2" NPT male inlets (002824-40)
- Long reach 5 ft. (1524 mm) in either direction
- Hose life substantially increased
- B-0068-H flexible stainless steel hose
- (005311-40) balancer assembly
- Two B-0109-01 6" (152 mm) wall brackets
- 55" (1397 mm) high

Note: Other hose lengths available as modifications; see p. A35.



- B-0126-CR with ceramic cartridges
- B-0126-VB with B-0970-FE vacuum breaker
- B-0128-VB with 8" (203 mm) center deck mounted faucet (002829-40) and B-0970-FE vacuum breaker
- **B-0129** with 8" (203 mm) center wall mounted faucet (002832-40)
- **B-0129-VB** with 8" (203 mm) center wall mounted faucet (002832-40) and B-0970-FE vacuum breaker
- **B-0130** Same as B-0129-VB except with quick-disconnect outlet for spray accessories B-1424 and B-1425

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

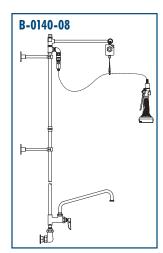
- B-0107-C35 angled low flow spray valve (0.65 GPM)
- · Retrofit kit
- Provides other pre-rinse units with easy upgrade
- 27-1/2" (596 mm) high
- B-0068-H stainless steel hose
- Includes B-0109-01
   6" (152 mm) wall bracket

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



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

- B-0107-C35 angled low flow spray valve (0.65 GPM)
- 8" (203 mm) mixing faucet with cerama cartridges with check valves and lever handles
- Balancer assembly with B-0970-FE vacuum breaker
- 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

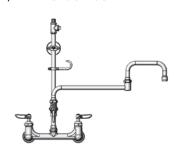


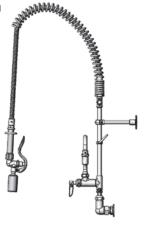
B-0140-08 Same as B-0140-01 except with B-0155-CR-LN with (062X) 12" swivel gooseneck, and B-0108 JeTSpray valve

鮕

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

- B-0107-C low flow spray valve (0.65 GPM)
- 8" (203 mm) mixing faucet with cerama cartridges with check valve and lever handles
- B-TEE-RGD rigid tee with plug
- B-0044-H stainless steel hose
- (073X) 18" double joint swing nozzle with 2.2 GPM aerator on add-on faucet with cerama cartridge and lever handle
- B-0109-01 6" (152 mm) wall bracket
- 1/2" NPT female inlets









Spray Valve Assemblies with the B-0107 (1.42 GPM), the NEW B-0107-C Ultimate Low Flow Spray Valve (0.65 GPM), and the B-0108 JeTSpray (1.48 GPM) comply with EPAct 2005.

### B-0100 Pre-Rinse Spray with Flexible Stainless Steel Hose

#### Redesigned with 1.42 GPM — EPAct 2005 compliant

- Designed for heavy-duty use in industrial kitchens
- Automatic shut-off valve with spray head (B-0107)
- 3 ft. flexible stainless steel hose (B-0044-H)

 1/2" NPT male inlet (See "Adapter Chart" p. A33 for alternate adapters)

 48" (1219 mm) overall length of unit



**B-0100-M** Pre-rinse spray Master Box (6)

**B-0100-32H** B-0107 spray valve with 32" flexible stainless steel hose (B-0032-H)

**B-0955** Same as B-0100 but with reinforced PVC hose (B-0044-R)

**B-0957** Same as B-0100 but with clear vinyl hose with internal braiding (B-0044-V)

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



#### NEW model spray valve assembly with SWIVEL and 1.48 GPM — EPAct 2005 compliant

- $\bullet$  Same as B-0100 but with a swivel (018200-40) at base of handle for  $360^\circ$  rotation capability
- Designed for heavy-duty use in industrial kitchens
- Automatic shut-off valve with spray head (B-0107)
- 1/2" NPT male inlet (See "Adapter Chart" p. A31 for other adapters)

Note: See page A41 for more information about the Swivel (018200-45)



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

#### NEW! With B-0107-C Ultimate low flow spray valve with 0.65 GPM— EPAct 2005 compliant

- Same as B-0100 but with B-0107-C low flow spray valve
- Fan jet with knife action spray
- Saves water and energy





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

#### NEW model spray valve assembly with SWIVEL and 0.65 GPM — EPAct 2005 compliant

- Same as B-0100-C but with a swivel (018200-40) at base of handle for 360° rotation capability
- Low flow B-0107-C spray valve
- Designed for heavy-duty use in industrial kitchens
- 3 ft. flexible stainless steel hose (B-0044-H)
- Fan jet with knife action spray

Note: See page A41 for more information about the Swivel (018200-45)





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

#### New model spray valve assembly with 1.48 GPM — EPAct 2005 compliant

- Same as B-0100, with B-0108 JeTSpray valve
- Forged brass body
- Fast action stainless steel trigger
- Ergonomic design reduces fatigue caused by repetitive tasks
- Retrofits most pre-rinse hoses
- 3 ft. flexible stainless steel hose (B-0044-H)

<sup>valve</sup> ₩JeTSpray

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



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

- Spray valve with rose spray and automatic shut-off
- 38" (914 mm) flexible stainless steel hose (013E-36)
- 1/2" NPT male inlet (See "Adapter Chart" p. A33 for alternate adapters)
- 42" (1079 mm) overall length



- **B-0101-A** Same as B-0101 but with (002858-40) spray valve with aerator to eliminate splashing
- **B-0101-E72-053A Same as** B-0101 except with 72" flexible stainless steel hose; includes 053A adapter 3/8" NPT male
- **B-0101-ENP** Same as B-0101 except with 28" flexible stainless steel hose; includes B-0104 wall hook, B-0428 3/8" supply nipple and 3/8" NPT female inlet



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

#### B-0100-J **Pre-Rinse Spray Unit**

#### **EPAct 2005 compliant**

- Designed for heavy-duty use in industrial kitchens with NEW flow rate (1.07 GPM)
- Intensified power rinsing quickly gets rid of tough baked-on foods
- Fan jet with knife action spray
- Retrofits most commercial pre-rinse
- 3 ft. flexible stainless steel hose (B-0044-H)

See page A38-41 for more information and accessories for the B-0107-J spray valve



#### B-0105 **Spray Assembly**

#### Redesigned with 1.42 GPM - EPAct 2005 compliant

- Concealed mixing valve (B-0512) with 3/8" NPT inlets and 3" (76 mm) centers
- Four arm handles (175F)
- Flexible stainless steel hose (B-0044-H)
- Spray valve (B-0107)
- Wall hook outlet (B-0104) and 3/8" NPT female inlet

Note: This unit requires separate check valves.



Check Valves for B-0105 Furnished in rough brass 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-0106 Pre-Rinse Brush Spray Unit**

#### Redesigned with 1.42 GPM — EPAct 2005 compliant

- Simultaneous brush and spray action
- Automatic shut-off valve
- Brush attachment with nylon bristles (BR-10)
- B-0044-H flexible stainless steel hose
- 1/2" NPT male inlet (See "Adapter Chart" p. A33 for alternate adapters)
- 48" (1219 mm) overall length of unit



#### B-0950 Flexible Stainless Steel Hose with Self Closing Spray Valve

#### Redesigned with 1.42 GPM — EPAct 2005 compliant

• Same as B-0100 but with angle spray valve (02853-40)



**B-0950-01** Same as B-0950 but with B-0068-H stainless steel hose B-0950-54H Same as B-0950 but with B-0054-H stainless steel hose **B-0956** Same as B-0950 but with B-0044-R reinforced PVC hose

#### **B-0160 Deck Mounted Base Faucet**

- Single hole base faucet assembly with 4" (102 mm) spreader unit (010255-40) and 1/2" NPT male inlets
- Spring checks included in faucet body
- B-0044-H flexible stainless steel hose
- Swivel assembly (002862-40)
- EB-0107-035 angle spray valve with automatic shut-off
- Dummy wall hook (B-0104-D) holds hose when not in use



#### B-0165 **Utility Hose and Spray Assembly**

#### Redesigned spray valve with 1.42 GPM - EPAct 2005 compliant

- For use with pre-rinse units
- Diverter valve (B-0155-LN)
- B-0104-H flexible stainless steel hose
- 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





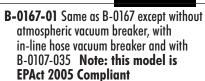


Faucets and Spray Valve Assemblies using the redesigned B-0107 Spray Valve (1.42 GPM) comply with EPAct 2005.

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

- 8" center wall mounted mixing faucet (002832-40)
- B-0068-H flexible stainless steel hose
- EB-0107-035 angle spray valve with automatic shut-off
- Finger hook holds hose when not in use (002873-40)
- Built-in 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: Order B-0230-K Installation Kit when necessary (see p. A44).



B-0168 Same as B-0167 except with spray head without self-closing valve (005969-40) and with B-0107-035 Note: this model is EPAct 2005 Compliant

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

#### Redesigned spray valve with 1.42 GPM — EPAct 2005 compliant

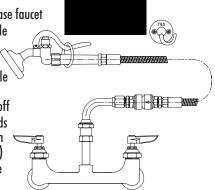
Wall mounted base faucet

 B-0044-H flexible stainless steel hose

 B-0107-035 angle spray valve with automatic shut-off

 Finger hook holds hose when not in use (002873-40)

• 1/2" NPT female inlet



#### B-0169 Wall Mounted Base Faucet

#### Redesigned spray valve with 1.42 GPM — EPAct 2005 compliant

• Wall mounted single faucet and vacuum breaker (B-0968)

B-0068-H flexible stainless steel hose

• B-0107-035 angle spray valve with automatic shut-off

Finger hook holds hose when not in use (002873-40)

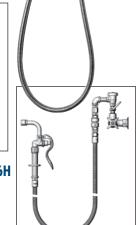
• 1/2" NPT female inlet

• 72" (1829 mm) overall length of hose and spray unit

B-0169-01 Same as B-0169 but with 96" (2438 mm) flexible stainless steel hose

**B-0169-102C-96H** Same as B-0169 except with B-0970-01 vacumm breaker, 90° spray nozzle assembly with 2.2 GPM aerator and B-0096-H stainless steel hose (see box, right)

**B-0170** Same as B-0169 but with (005969-40) spray head without self-closing valve (the spray head is attached directly to the end of the hose)



B-0169-102C-96H

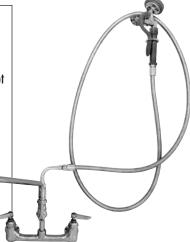
# B-0175 Faucet with Swing Nozzle and Spray Unit

#### Redesigned spray valve with 1.42 GPM - EPAct 2005 compliant

- 8" (203 mm) center wall mounted mixing faucet (002832-40)
- Add-on faucet with 12" (305 mm) swing nozzle (B-0156)
- B-0104-H flexible stainless steel hose
- B-0107-035 angle spray valve with automatic shut-off
- 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. Order B-0230-K Installation Kit when necessary (see p. A44).

- B-0176 Same as B-0175 but with single hole deck mounted base faucet (002824-40) with 4" (102 mm) spreader unit
- B-0176-ER Similar to B-0176 except with 18" (457 mm) add-on faucet, B-0970-01 vacuum breaker and optional 10" long riser
- **B-0175-01** Same as B-0175 but with 8" add-on faucet
- B-0175-02 Same as B-0175 but with add-on faucet and vacuum breaker hose
- B-0175-03 Same as B-0175 but with 12" add-on faucet and in-line vacuum breaker





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

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

#### Redesigned spray valve with 1.42 GPM — EPAct 2005 compliant

 8" (203 mm) center deck mounted mixing faucet (002829-40)

- Add on faucet with 12" (305 mm) swing nozzle (B-0156)
- B-0080-H 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 flanged inlets (00AA)



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

#### Redesigned spray valve with 1.42 GPM - EPAct 2005 compliant

- 8" (203 mm) center deck mounted base faucet
- Add on faucet with 12" (305 mm) swing nozzle (B-0156)
- 20" (508 mm) flexible stainless steel hose (B-0020-H)
- B-0107 spray valve with automatic shut-off
- 1/2" NPT female eccentric flanged inlets (00AA)



Note: Order B-0230-K Installation Kit when necessary (see p. A44).

#### 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 jet head (B-1422)
- 1/2" NPT male inlet (see "Adapter Chart", right for alternate adapters)
- 49" (1219 mm) overall length of unit



# B-1410 Flexible Stainless Steel Hose and Quick-Connect Spray Head

#### Redesigned with 1.42 GPM — EPAct 2005 compliant

- 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 flexible stainless steel hose
- 1/2" NPT male inlet (see "Adapter Chart" below for alternate adapters)
- 49" (1219 mm) overall length of unit



# 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)
- 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)
- 49" (1219 mm) overall length of unit



#### **Adapter Chart**

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

adaptor norman, tormsnoa.		
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	



#### **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 outlets
- Valve attaches to flexible stainless steel hoses, reinforced PVC hoses and Reel Kleens



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

#### Newly designed with 1.42 GPM - EPAct 2005 compliant

• 3" (76 mm) spray pattern at 30" (762 mm) from spray head



#### **B-1423 Fan Spray Quick-Connect**

• 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 Rose Spray 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**



#### **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



Notes Notes		

#### 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, dim. B = 44'' (1118 mm)
- Polyurethane inner tubing
- Supplied on most pre-rinse units with spring action gooseneck
- 9/16" I.D.



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

- PVC hose, dim. B = 44" (1118 mm)
- FDA approved
- Extremely durable
- Limited 2 year warranty



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

- Flexible stainless steel hose, dim. B = 44'' (1118 mm)
- Backflow preventer (B-0970-FE) for continuous pressure use



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

- Flexible stainless steel hose,  $\dim$  B = 36" (914 mm)
- 7/16" I.D.



#### Flexible Stainless Steel and Vinyl Hoses

- B-0015-H 14-3/4" flexible stainless steel hose
- B-0020-H 20" flexible stainless steel hose
- B-0020-H2A 20" flexible stainless steel hose, less 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-0026-H** 26" flexible stainless steel hose
- B-0026-H2A 26" flexible stainless steel hose, less 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 handle
- B-0032-H 32" flexible stainless steel hose
- B-0036-H 36" flexible stainless steel hose
- **B-0040-H2A** 40" flexible stainless steel hose, less handle
- **B-0044-H** 44" flexible stainless steel hose
- B-0044-H2A 44" flexible stainless steel hose, less handle
- **B-0044-H2AML** 44" flexible stainless steel hose Master Box (25),
- **B-0044-H2AMS** 44" flexible stainless steel hose Master Box (10), less handle
- B-0044-HF 44" flexible stainless steel hose with 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-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
- **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-0054-H 54" flexible stainless steel hose
- B-0054-H2A 54" flexible stainless steel hose, less handle
- **B-0054-V** 54" vinyl hose
- B-0056-H 56" flexible stainless steel hose
- B-0056-H2A 56" flexible stainless steel hose, less handle
- **B-0056-HMS** 56" flexible stainless steel hose Master Box (10)
- B-0060-H 60" flexible stainless steel hose
- B-0068-H 68" flexible stainless steel hose
- B-0068-H2A 68" flexible stainless steel hose, less 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-0096-H** 96" flexible stainless steel hose
- **B-0104-H** 104" flexible stainless steel hose
- B-0144-H 144" flexible stainless steel hose
  - Note: On all hoses above the handle equals 8" of total length

#### Flexible Stainless Steel Hoses 7/16" I.D.

- **013E-36H** 36" flexible stainless steel hose
- 013E-48H 48" flexible stainless steel hose
- 013E-60H 60" flexible stainless steel hose
- **013E-72H** 72" flexible stainless steel hose



# JeTSpray 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

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**.

- Enhanced maneuverability
  - 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 Models**

B-0108 1.48 GPM 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 non-EPAct compliant usages.

Add-On

Faucets!



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

- Adds swinging nozzle to pre-rinse units
- 12" (152 mm) nozzle (062X)
- Includes 3" nipple for installation on existing base faucets (000358-40)

Note: The B-0156 increases the height of a prerinse unit by approximately 4-1/2" (114 mm). Different length nozzle furnished upon request — single or double-jointed.



- **B-0155** Same as B-0156 except with 6" (305 mm) nozzle (059X)
- B-0155-CR-LN With cerama cartridge less nozzle
- B-0155-M Add-on faucet Master Box (6)
- B-0155-LN Add-on faucet less nozzle
- B-0155-LNM Add-on faucet less nozzle, Master Box (6)
- **B-0155-05** Same as B-0155 except with 5" (127 mm) nipple
- **B-0155-05LN** B-0155-05 add-on faucet less nozzle
- **B-0155-064X** Same as B-0155 except with 16" (406 mm) swing nozzle
- **B-0156** Add-on faucet with 12" (305 mm) swing nozzle (062X)
- **B-0156-CR** Same as B-0156 and with cerama cartridge
- B-0156-EZ Add-on faucet with EasyInstall fitting

- B-0156-M Add-on faucet Master Box (6)
- B-0156-VF22 Add-on faucet with 12" (305 mm) nozzle (062X) and vandal-resistant aerator (2.2 GPM)
- **B-0156-05** Same as B-0156 except with 5" (127 mm) nipple
- **B-0157** Same as B-0155 except with 18" (457 mm) nozzle (065X)
- B-0157-CR Same as B-0157 and with cerama cartridge
- **B-0157-M** Add-on faucet Master Box (6)
- **B-0157-05** Same as B-0157 except with 5" (127 mm) nipple
- **B-0158** Add-on faucet with 14" (356 mm) nozzle (063X)
- B-0158-CR Add-on faucet with 14" (356 mm) nozzle (063X) and cerama cartridge

#### 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 diverts flow to swing nozzle; not a full shut-off
- B-0068-H stainless steel hose connects to swivel adapter
- •B-0107-C35 angle spray valve (0.65 GPM)
- B-0166 hanger hook with chrome plated screws
- 3/8" NPT male treads fits standard T&S rigid base faucets



#### **Pre-Rinse Spray Valves**

The B-0107 Spray Valve (1.42 GPM) complies with EPAct 2005.

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

#### Redesigned with 1.42 GPM — EPAct 2005 compliant

- Connects directly to T&S flexible stainless steel hose or handle assembly
- Designed for heavy use in commercial kitchens
- Shuts off when handle is released



- B-0107-A Same as B-0107 but with nonsplash aerator instead of spray face
- B-0107-B Same as B-0107 but with rosespray instead of spray face
- B-0107-M Pre-rinse spray Master Box (12)
- B-0107-QD Spray valve with handle, holddown ring and stainless steel quick-disconnect

# B-0107 Exploded View Spray Valve Hold-down Ring (009807-45) Bonnet Assembly (002866-40) Handle (001120-45) Rubber Ring (007861-45) Sprayface Screw (000913-45)



- EasyInstall pre-rinse add-on faucet with "pop-and-lock" riser installation feature
- Attaches to EasyInstall faucets only





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

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

#### Newly designed with 1.42 GPM - EPAct 2005 compliant

• 35° angle spray valve

• Connects directly to T&S flexible stainless steel hose or handle assembly

- Designed for heavy use in commercial kitchens
- Shuts off when handle is released





#### New model with 1.48 GPM — EPAct 2005 compliant

- Forged brass 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 triager lock
- Removable screen filter
- Quick change replacement parts





B-0107-C

**New and** 

0.65 GPM

#### "Bi-pod" clamp assembly

• For use where no walls are available for riser support

B-0119

**Riser Support** 



#### **Low Flow Pre-Rinse Accessories**

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

#### **NEW! B-0107-C Low flow spray valve (0.65 GPM)**

- EPAct 2005 compliant
- Designed for heavy-duty use in industrial kitchens
- Automatic shut-off valve with low flow spray head (B-0107-C)
- 3 ft. flexible stainless steel hose (B-0044-H)
- 1/2" NPT male inlet (See "Adapter Chart" p. A33 for alternate adapters)
- 48" (1219 mm) overall length of unit
- Fan jet with knife action spray
- Conserves water and saves energy



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

Note: see Water Conservation Comparative Chart on next page.

#### B-0109-01 **Wall Bracket**

- 6" (152 mm) wall bracket (-B models)
- Fits 3/8" pre-rinse riser



B-0109-01M Master Box (12)

- **B-0109-01VR** 6" Vandal-resistant **B-0109-05** 24" (610 mm) wall bracket assembly with v.-r. mounting hardware
- **B-0109-02** 9" (229 mm)
- **B-0109-03** 12" (305 mm)
- B-0109-03VR 12" Vandalresistant wall bracket assembly with v.-r. mounting hardware

**B-0109-04** 18" (457 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-0107-C35 **Low Flow Spray Valve** 

#### **NEW! B-0107-C Ultimate low flow**

spray valve (0.65 GPM)

- EPAct 2005 compliant
- 35° angle spray valve
- · Fan iet with knife action spray
- Can be used with any T&S pre-rinse assembly instead of B-0107
- Conserves water and saves energy

B-0107-C35 0.65 GPM

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

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

#### NEW! B-0107-J low flow spray valve (1.07 GPM)

- EPAct 2005 compliant
- Fan jet with knife action spray
- Can be usedwith any T&S pre-rinse assembly
- Conserves water and saves energy



See next page for more information about the B-0107-J



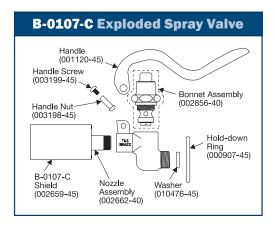
Pre-Rinse Units using the NEW B-0107-C Ultimate Low Flow Spray Valve (0.65 GPM) and the B-0108-C JeTSpray Valve (0.65 GPM) comply with EPAct 2005.

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

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

- EPAct 2005 compliant
- 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

**B-0107-CM** Low flow spray valve Master Box (12)





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

#### NEW! B-0107-J low flow spray valve (1.07 GPM)

- EPAct 2005 compliant
- AB1953 and ANSI/NSF Standard 61 Compliant
- Consumes 60% 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
- Can be used with any T&S pre-rinse assembly



See B-0100-J Spray Valve Assembly (p. A27) and B-0107-J Accessories (p. A41)

B-0107-J 1.07 GPM



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

#### B-0107-C New and Improved 0.65 GPM

#### **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-C saves 0.95 GPM

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

Number of the medical (00%) emiliently): 3/9 merms/ yea

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** 



A 40

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

#### New model with 0.65 GPM — EPAct 2005 compliant

- Forged brass 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







7/8"-20 UN Male Thread



B-0108-C

New and

#### **Pre-Rinse Accessories**

#### 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" IPS male



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

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

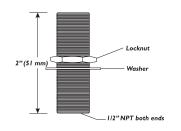


#### B-0166 Dummy Wall Hook

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



#### B-0425 Supply Nipple



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

- For use when a disappearing hose arrangement is desired
- Flange fits 1-1/2" (38 mm) hole
- Fits sheet metal up to 1/8" (3 mm) thick
- **B-KG** Same as B-KF but fits sheet metal 3/16" (5 mm) thick

#### B-0970-FE Atmospheric Back-Flow Preventer

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



#### SQ-0093 Wall Outlet

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



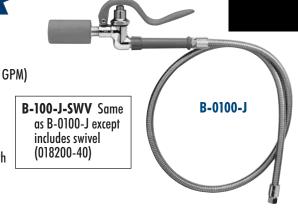
**NEW Spray** .07 GPM



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

#### NEW! B-0100-J Low flow pre-rinse spray valve unit (1.07 GPM)

- EPAct 2005 compliant
- AB1953 and ANSI/NSF Standard 61 Compliant
- Consumes 60% 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
- Automatic shut-off valve with low flow spray head
- 3 ft. flexible stainless steel hose (B-0044-H); 48" (1219 mm) overall length
- 1/2" NPT male inlet (See "Adapter Chart" p. A33 for other adapters)
- Fan jet with knife action spray
- Includes hold-down ring (not shown)



**Swivel for Pre-Rinse** Spray Valves

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

- Includes: (1) 7/8-20 UN female and male swivel (2) replacement seals
- Allows a greater range of rotation and motion while using spray valves
- Retrofit between hose handle and spray body
- Makes spray valve assemblies more ergonomic
- Available for any T&S pre-rinse spray valve
- For B-0108 spray valve attach swivel directly to spray valve





#### **Repair and Installation Kits**

Note: Some individual items listed in parts kits may be ordered separately. Contact factory Customer Service representatives for availability.

#### **B-9K Lever Handle Kit**

- Lever handle kit includes:
  - (001661-45) Index button red (hot)
  - (001660-45) Index button blue (cold)
  - (000922-45) Lever handle screw
  - (001638-45) Lever handle blank



2 (012915-45) Seat washer

#### B-010K-C **Low Flow Spray Valve Repair Kit**

(001040-45) Bonnet • Repairs B-0107-C low-flow spray 2 valves, and includes: binding washer 2 (000895-45) Spring (002659-45) Shield (000974-45) Bonnet washer 2 (001100-45) Packing seal (010476-45) Washer for (009306-20) Valve stem S/S hose

#### **B-10K-J B-0107-J Repair Kit**

- Parts included for the B-0107-J Spray Valve:
  - (000895-45) Spring
  - (000974-45) Bonnet washer brass 2
  - (010476-45) #27 hose washer
  - 2 (001040-45) Bonnet binding washer
  - (018292-45) Grey shield



- (001100-45) Packing Seal
- 2 (009306-20) Valve Stem
  - (012915-45) Seat Washer

#### **B-238RK** 238A Metering Cartridge Repair Kit

- Parts included (for Push Button, Wrist Action and Pivot Action):
  - 1 (010150-45) Top washer
  - (017182-45) Bottom seal filter washer 1
  - (009391-45) 'O'-ring
  - (012596-45) Bottom stem seal



#### Eterna and Cerama Cartridges and Push Button and Wrist-Action Metering Cartridges

Our longstanding Eterna spindle assemblies are the standard on many T&S faucets and fittings. Our Cerama cartridges are designed for water conservation and are included in many new T&S foodservice and plumbing models. Look for the "-CR" suffix on our model numbers.

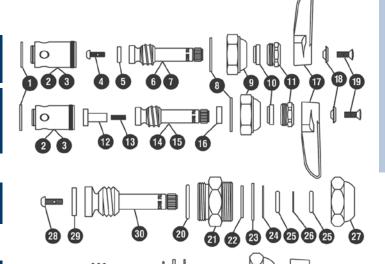


Eterna Cartridge with Spring Check



B-1100 Series





**For Standard Faucets** 

Ref. Part No. Hot Side 002714-40 Cold Side 002713-40

#### For Standard Faucets - No Handle

Ref. Part No. Hot Side 005960-40 Cold Side 005959-40

#### For Pre-Rinse Units

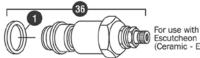
Ref. Part No. Hot Side 002712-40 Cold Side 002711-40

#### For Pre-Rinse Units - No Handle

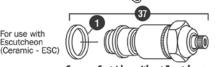
Ref. Part No. Hot Side 012443-40 Cold Side 012442-40

Ref. Part No. Hot and Cold Side 006482-40

Ref. Part No. Hot Side 002710-40 Cold Side 002709-40



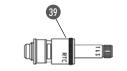
Cerama Cartridge with Escutcheon



Cerama Cartridge without Escutcheon

For use without Escutcheon (Ceramic - NO ESC)





Cerama Cartridge without Bonnet

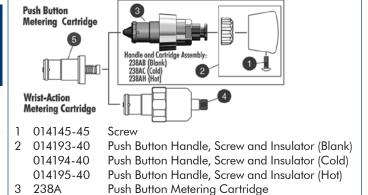
#### 238A Push Button and Wrist-Action Metering Cartridges

See page A41 for metering cartridge repair kit (B-238RK)

4

012449-40

014152-40



Wrist-Action Metering Cartridge

Common Metering Barrel Assembly

#### Cerama Cartridge with Eterna Escutcheon Bonnet

36 011616-25 Hot 011617-25 Cold 011618-25 Hot with Check Valve 011619-25 Cold with Check Valve

#### **Cerama Cartridge with Bonnet**

37 011278-25 Hot 011279-25 Cold 012394-25 Hot with Check Valve 012395-25 Cold with Check Valve

#### **Cerama Cartridge with Bonnet and Handle**

38 012444-25 Hot 012445-25 Cold 012446-25 Hot with Check Valve 012447-25 Cold with Check Valve

#### **Cerama Cartridge without Bonnet**

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

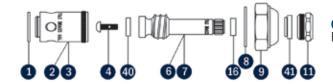


#### **Quarter-Turn Hot and Cold Spindle Assemblies**

Quarter-turn 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.



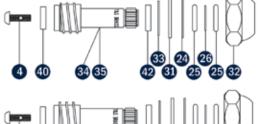




#### Quarter-Turn Eterna

Ref. Part No. Hot Side 006010-40QT Cold Side 006009-40QT

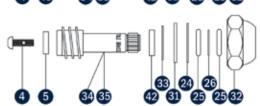
#### B-2346 Quarter-Turn Assembly



#### B-2346 Quarter-Turn

Ref. Part No. Hot Side 009423-40QT Cold Side 009424-40QT





#### **B-1100 Series Quarter-Turn**

Ref. Part No. Hot Side 009753-40QT Cold Side 009754-40QT

1	001022-45	Bottom Gasket	19	000922-45	Lever Handle Screw
2	000788-20	Removeable Insert (Hot) 64L	20	002721-45	'O'-Ring
3	000789-20	Removeable Insert (Cold) 66L	21	000685-20	Removeable 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	27	009750-25	Bonnet
10	013430-45	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
15	001908-25	Spindle (Cold) 263L	33	000986-45	Brass Washer
16	001466-20	Quarter-Turn Sleeve	34	000801-25	Spindle (Cold)
17	001638-45	Lever Handle, Blank	35	000800-25	Spindle (Hot)
	001637-45	Lever Handle, Hot			
	001636-45	Lever Handle, Cold	40	001136-45	Teflon Washer
18	001661-45	Index, Red, Hot	41	001098-45	Bonnet Washer
	001660-45	Index, Blue, Cold	42	018163-20	Washer



Quarter-Turn Spindle Assemblies



#### A 44

#### **Repair and Installation Kits**

#### B-10K B-0107 Spray Valve Repair Kit

- Repairs B-0107 spray valves:
- 2 (000895-45) Spring
- 2 (000974-45) Bonnet washer
- 2 (010476-45) Hose washer
- 2 (001100-45) Packing stem
- 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





**SPRAY FACE Repair Kits:** 

- B-0108-C Low Flow (0.65 GPM): 108CSF-RK
- B-0108 Standard (1.42 GPM): 108SF-RK

• TRIGGER Repair Kit: 108T-RK





#### B-23K Spring Check Spindle Assembly Replacements

- Includes:
  - 1 (002711-40) Left-hand Eterna spindle with spring check
  - 1 (002712-40) Right-hand Eterna spindle with spring check

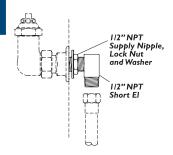
#### B-0114-RK Pre-Rinse Repair Kit

- B-0114 style pre-rinse unit repair kit. Includes materials to repair both knuckles and elbow:
  - 2 (009228-40) Knuckle joint asy. 1 (009227-40) Elbow joint asy.

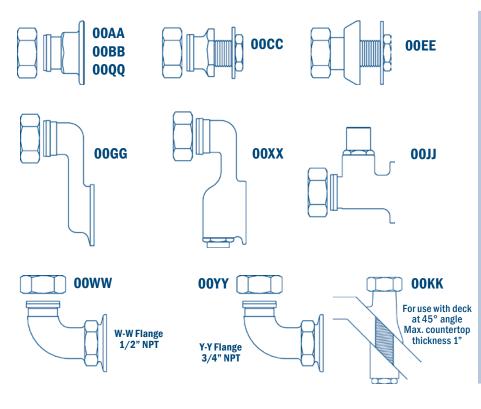


#### B-0230-K Installation Kit B-0230 Style Faucets

- Installation kit includes:
- 2 1/2" supply nipples
- 2 Locknuts
- 2 Washers
- 2 Lock washers
- 2 Male and female short elbows



#### **Inlet Product Options**



#### **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. All are available in rough chrome if specified. 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.

OOAA 1/2" NPT female eccentric flanged inlet
OOBB 3/4" NPT female eccentric flanged inlet
OOCC 1/2" NPT male inlet, 1" (25 mm) long
OOEE 1/2" NPT male inlet with adjustable flange, 1" (25 mm) long

OOGG 1/2" NPT female flanged adjustable inlet OOXX 1/2" NPT female flanged adjustable inlet

with screwdriver stop

**OOJJ** 1/2" NPT female inlet with loose key stop

OOWW 1/2" NPT female flange 90° inlet
OOYY 3/4" NPT female flange 90° inlet
OOKK 1/2" NPT male inlet for use on 45° decks.

Inlet is at 45° angle to mounting face

OOQQ 3/8" NPT female eccentric flanged inlet

#### Pot, Kettle and Glass Fillers











#### **G-10** General Product Catalog

#### **Table of Contents**



Pot, Kettle and Glass Fillers – B	
Pot and Kettle Fillers Glass Fillers Range Faucets and Pot Fillers B3-	11
<ul> <li>Glass Fillers</li> <li>Pot, Kettle and Glass Fillers</li> <li>Dipperwell Faucets</li> <li>Elevated Kettle Filling Faucets</li> <li>"Wok Wand" Faucets</li> <li>NEW! Range Faucets and Pot Fillers</li> <li>NEW! Heat-resistant Range Faucet</li> <li>Accessory</li> </ul>	B3-5 B6-7 B7 B7 B8 B8-11
Kettle Kaddy Spray Stanchions	-12
Big-Flo Faucets	-15
<ul> <li>NEW! Big-Flo Faucets for stand alone, pre-rinse, vandal resistant or retrofit</li> <li>Add-ons – Pantry and Mixing Faucets, Swivel Extensions, Adapters, Double-Joint Nozzles and Spouts</li> </ul>	B12-14
Accessories	
Repair Kits     Flexible Stainless Steel Hoses	B15 B16

Notes

#### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the **G-10 General Product**Catalog "Master Index" section (IN).



#### **T&S Introduces**

Our Redesigned and Improved Glass Fillers with a Sleek New Look

#### **Check them out!**

Our ever-popular glass fillers have an improved design and an updated look.

These new models replace our former glass fillers and use the same model numbers. They also include very similar specifications, so you can easily replace the old models with the new ones.

#### **T&S Glass Filler Features:**

- Redesigned actuation dark blue lever arm – for ease of filling small styrofoam cups and pitchers
- New valve has easy-touch actuation
- Easier adjustment of flow control on hex key flow outlet
- Repair and replacement parts kits are available

**B-1220** 



**B-1200** 



**B-1205** 

B-1210

#### Tas

#### **Glass Fillers**

#### B-1200 <u>Push Back Glass Filler</u>

- Wall mounted, 3/8" NPT female inlet
- Adjustable slip flange
- Hex key adjustable flow outlet
- 5-3/16" (131 mm) from front of filler to wall
- Lexan 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-1205 Push Back Glass Filler

- Wall mounted, 3/8" NPT male inlet
- Hex key adjustable flow outlet
- 4-7/8" (124 mm) from front of filler to wall
- Lexan 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" adjustable flange on pedestal
- 1/2" NPT male shank 2" (51 mm) long
- 8-7/16" (214 mm) base of flange to outlet
- Hex key adjustable flow outlet
- Valves mounted 180° opposite
- Two lexan blue push back arms
- Instantaneous shut-off

#### B-1220 Pedestal Push Back Glass Filler, Female Inlet

- 2" adjustable flange on shank of pedestal
- 3/8" NPT female inlet
- Designed especially for mounting on electric water coolers
- 8" (204 mm) base of flange to outlet
- Hex key adjustable flow outlet
- Lexan blue push back arm
- Instantaneous shut-off

**B-1222** Same as B-1220 except inlet is 1/2" NPT female



Same as B-1200 except:

- Extended nipple with 1/4" NPT male tailpiece for 1/4" O.D. copper tubing
- Use for mounting on ice cabinets up to 2-1/4" (57 mm) thick
- Longer length nipple to fit 4-1/4" (106 mm) thick cabinet available on request



#### B-1210 Pedestal Push Back Single Glass Filler

- Countertop mounted glass filler
- 2" adjustable flange on shank of pedestal
- 1/2" NPT male shank 2" (51 mm) long
- Base of flange to outlet is 7-3/4" (197 mm)
- Hex key adjustable flow outlet
- Lexan blue push back arm
- Instantaneous shut-off
- Mounted height: 8-15/16" (116 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 12-1/16" (306 mm)

**B-1211** Same as B-1210 except base of flange to outlet is 3-3/4" (95 mm)



- Dual purpose unit glass filler for glasses, and 6" (152 mm) swing nozzle for pitchers (059X)
- 4-arm handle for water flow to gooseneck
- 15-1/16" (382 mm) base of flange to outlet of pitcher filler
- Hex key adjustable flow outlet on glass filler
- Lexan blue push back arm
- 2" adjustable flange on shank of pedestal
- 1/2" NPT male shank 2" (51 mm) long





#### **Glass Fillers**

#### **B-1230 Water Station**

• 10-5/8" (270 mm) x 12-5/8" (321 mm) drip pan is one piece of 18 gauge stainless steel

• 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 13-7/16" tall (341 mm) pedestal glass filler with 8-13/16" clearance

B-1231 Same as B-1230 except includes stainless steel drip pan only

#### **B-1240** Stainless Steel Drip Pan and Pedal Valve Control

- B-0507 foot pedal valve with 1/2" NPT inlet and outlet
- B-1231 stainless steel drip pan
- B-0520 dummy gooseneck with 1/2" NPSM male shank
- 9-1/2" (241 mm) from tip of nozzle to pan (other heights available on request)



#### **B-1200 Exploded View**



#### B-1235 **Water Station with Splash Guard**

 Same as B-1230 except with 6" (152 mm) high splash guard around back and sides to prevent excess water from splashing surrounding areas

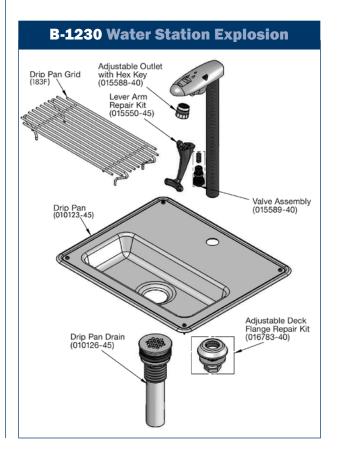
Glass Filler

Design!



#### **B-1260 Mixing Faucet with Glass Filler** and Add-On Faucet

- 4" C/C deck mounted mixing faucet, 1/2" NPT male
- Swivel to rigid adapter
- 3/8" tee and glass filler assembly
- Add-on faucet with 6" (152 mm) swing nozzle and 2.2 GPM aerator
- 15-1/2" (393 mm) from base faucet to outlet of swing nozzle
- 9-3/4" (248 mm) from base of faucet to glass filler outlet
- Adjustable wall bracket from 2" (51 mm) to 12" (304 mm)





#### **Pot, Kettle and Glass Fillers**

#### B-0102 **Pot and Glass Filler**

- Automatic shut-off valve (002866-40)
- Plain end curved nozzle
- Retaining ring for continuous flow of water
- B-0068-H flexible stainless steel hose
- 72" (1829 mm) overall length: 1/2" NPT male inlet



#### B-0102-B **Pot and Glass Filler**

• Same as B-0102, but with straight nozzle



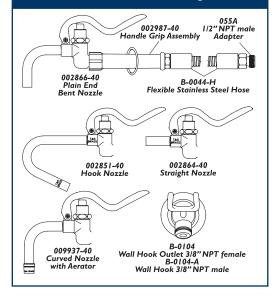
#### B-1413 **Pot and Kettle Filler**

- Squeeze valve with quick-connect socket and automatic shut-off valve (B-1420)
- Quick connect hook nozzle (B-1424)
- B-0044-H flexible stainless steel hose

• 1/2" NPT male inlet • 76" (1930 mm) overall length of unit



#### **Pot and Glass Filler Options**



#### **B-0102-A Pot Filler Hose Assembly**

- Automatic shut-off valve (002851-40)
- · Hook nozzle for use on large pots and steam kettles
- Retaining ring for continuous flow of water
- B-0068-H flexible stainless steel hose; 1/2" NPT male inlet



#### B-0102-C **Pot and Glass Filler with Aerator**

• Same as B-0102, but with aerator at outlet



#### **B-0113-CR-BVB-A Easylnstall Vertical Glass Filler**

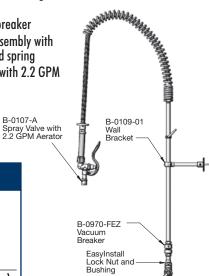
B-0107-A

 Single hole deck mount vertical glass filler with ceramic cartridges and check valves

B-0970-FEZ vacuum breaker

- Stainless steel hose assembly with 24" riser and overhead spring
- B-0107-A spray valve with 2.2 GPM non-splash aerator
- 6" (152 mm) wall bracket
- Flex supply hoses

#### Easy Install



#### **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



#### **Dipperwell Faucets**

#### B-2282 Dipperwell Faucet

- 5-3/4" (146 mm) overall height
- 1-3/8" (35 mm) above table
- 1/16" (1.6 mm) solder inlet
- Also available with flow control:

Model No.	Flow (GPM)
B-2282- <b>F03</b>	0.25
B-2282- <b>F05</b>	0.40
B-2282- <b>F07</b>	0.70
B-2282- <b>F10</b>	0.90
B-2282- <b>F12</b>	1.20
B-2282- <b>F15</b>	1.40
B-2282- <b>F20</b>	2.00
B-2282- <b>F25</b>	2.50



To order:

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 internal cup, outer container and tail washer
- 4" (102 mm) length of 1-1/2" (38 mm) brass tubing
- Sits flush with table top
- Drains quickly and easily



- **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

- 18" (457 mm) swing nozzle (065X)
- Swivels from top
- 3/8" NPT 18" riser
- 26-3/4" (679 mm) from tip of nozzle to deck
- Lever handles
- 1-1/8" (29 mm) diameter shank
- 1/2" NPT male inlet threads
- B-0300 base faucet with 4" (102 mm) centers
- **B-0270-144XVF22** 18" (456 mm) swing nozzle (065X), vandal resistant aerator and 6" (152 mm) riser
- B-0271 12" (305 mm) swing nozzle (062X) 25-1/4" (641 mm) from tip of nozzle to above deck

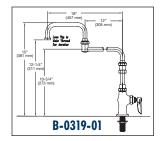


# B-0281 Deck Faucet with Elevated Swing Nozzle

- 12" (305 mm) swing nozzle (062X)
- Swivels from top
- 3/8" NPT 18" riser
- 25-1/4" (641 mm) from tip of nozzle to deck
- Lever handles
- B-0320 base faucet with 8" (203 mm) centers
- 1/2" NPT eccentric flanged female inlets

#### B-0275 Single Pantry Faucet with Elevated Swing Nozzle

- 18" (457 mm) swing nozzle (065X)
- Swivels from top
- 3/8" NPT 18" riser
- 27-1/4" (692 mm) from tip of nozzle to deck
- Lever handle
- 1/2" NPS single shank
- **B-0276** 12" (305 mm) swing nozzle (062X) 25-3/4" (654 mm) from tip of nozzle to above deck
- B-0277 6" (152 mm) swing nozzle (059X) 24-1/2" (622 mm) from tip of nozzle to above deck



- **B-0319-01** Single pantry mixing faucet with 18" double-joint swing nozzle and 4-5/8" extension
- **B-0319-02** Same as B-0319-01 except with 7-5/8" extension
- **B-0319-03** Same as B-0319-01 except with 24" double-joint swing nozzle
- **B-0319-04** Same as B-0319-03 except with 7-5/8" extension

#### B-0541 Deck Mounted Elevated Nozzle Unit

- Deck mounted base
- 6" (152 mm) swing nozzle (059X)
- 3/8" NPT 18" riser
- 21" (533 mm) clearance deck to outlet

**B-0542** 12" (305 mm) nozzle (062X) 22-3/4" (578 mm) clearance deck to outlet





#### "Wok Wand" Faucets

#### B-0575 Chinese Back Mounted Faucet

- Range back mounted faucet
- For cold water only
- On-off control actuated when nozzle swings to right or left
- 13-3/4" (349 mm) nozzle with aerator
- 3/8" NPT female inlet
- 2.2 GPM aerator outlet

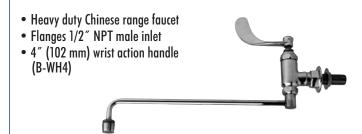


B-0576 Same as B-0575 except with 3/8" male inlet
B-0577 Same as B-0575 except with 1/2" male inlet
B-0577-09 Same as B-0577 except with 8-7/8" (225 mm)
nozzle length and 1/2" NPSM male inlet

#### B-2343 Chinese Pedestal Faucet

- Pedestal mounted faucet
- 1/2" NPT male shank 2" (51 mm) long
- 7" (178 mm) pedestal
- For cold water only
- On-off control actuated when nozzle swings to right or left

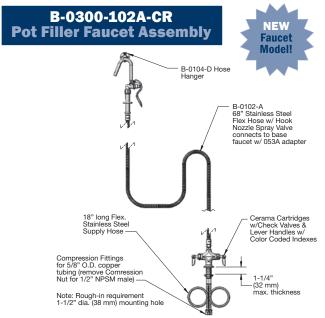
#### B-0578-01 Chinese Range Faucet



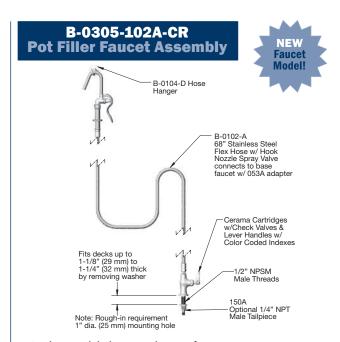
**B-0578** Same as B-0578-01 except with 1/2 " British thread male inlet **B-0579-01** Same as B-0578-01 except with 1/2 " NPT female inlet **B-0579** Same as B-0578-01 except with 1/2 " British thread female inlet



#### **Range Faucets and Pot Fillers**



- Single hole deck mounted mixing faucet
- Lever handles with ceramic cartridges with check valves
- (2) 18" long flex. stainless steel supply hose connectors, compression fittings
- B-0102-A spray valve hook nozzle assembly with 68" flexible stainless steel hose
- 053A adapter connects to faucet
- Wall hanger hook (B-0104-D)



- Single control deck mounted pantry faucet
- Lever handle with ceramic cartridge with check valve
- 1/2" NPSM male threaded shank with optional 1/4" NPT tailpiece
- B-0102-A spray valve hook nozzle assembly with 68" flexible stainless steel hose
- 053A adapter connects to faucet
- Wall hanger hook (B-0104-D)

#### **Range Faucets and Pot Fillers**

#### B-0318-02 Pot Filler Faucet

- Deck mounted
- Single temperature control
- 360° swing nozzle with B-0199-01 2.2 GPM aerator
- Four-arm handle
- 1/2" NPSM male shank with locknut and lock washer
- 16-3/4" (425 mm) overall height
- ADA compliant

**B-0319** Single pantry faucet with 24" (062X) double joint swing nozzle

#### B-0318-03 Pot Filler Faucet

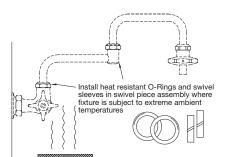
- Single hole deck mounted mixing faucet
- 90° swing nozzle with 360° rotation and B-0199-01 2.2 GPM aerator
- Lever handles
- 1/2" NPT male threads
- 15" (381 mm) overall height
- ADA compliant



#### Range Faucet Accessory

#### 067-HR Heat Resistant O-Rings and Swivel Sleeves

 Can be added to any faucets with a double-jointed nozzle with insulated on-off control grip



#### B-0580 Pot Filler

- Wall mounted
- 18" (457 mm) double-joint nozzle (002848-40)
- 1/2" NPT female inlet
- Adjustable flange
- Insulated on-off volume control grip on tip of nozzle (035A)



Note: Stop valve should be installed in supply line.

- **B-0581** Same as B-0580 except with 24" (610 mm) double-joint nozzle (002872-40)
- **B-0585** Same as B-0580 except with deck mounting
- **B-0584** Same as B-0585 except with 24" (610 mm) double-joint nozzle (002872-40)

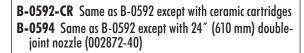
#### B-0590 Pot Filler Faucet

- Deck mounted faucet
- Single control
- 1/2" NPS single shank
- 18" (457 mm) double-joint nozzle (002848-40)
- Insulated on-off volume control grip on tip of nozzle (035A)

**B-0591** same as B-0590 except with 24" (610 mm) double- joint nozzle (002872-40)

#### B-0592 Pot Filler Faucet

- · Wall mounted faucet
- Single control
- 18" (457 mm) double-joint nozzle (002848-40)
- 1/2" NPT female inlet
- Insulated on-off control grip on tip of nozzle (035A)







#### **Range Faucets and Pot Fillers**

# B-0597 Pot Filler Faucet

- Wall mounted faucet
- 8" (203 mm) centers
- 1/2" NPT female inlets
- 18" (457 mm) double-joint nozzle (002848-40)
- Insulated on-off control grip on tip of nozzle (035A)

**B-0597-CR** Same as B-0592 except with ceramic cartridges **B-0597-JJ** Same as B-0597 except with 1/2" NPT 00JJ integral loose key inlet stops

#### **B-0599-CR Pot and Kettle Filler**

- Wall mounted mixing faucet
- 18" double joint swing nozzle (2848-40) with heatresistant on-off handle
- 1/2" NPT adjustable wall flange female inlets (adjustable from 2-1/4" to 8-1/4")
- Cerama cartridges with check valves
- Lever handles

#### **B-0605 Pot and Kettle Filler**

- Wall mounted with single control
- 1/2" NPT female inlet
- Vacuum breaker on outlet (B-0968)
- B-0068-H flexible stainless steel hose
- Hook nozzle with self closing valve
- Hold down ring for continuous flow of water
- Adjustable flange
- **B-0606** same as B-0605 except without squeeze valve; hook nozzle attaches directly to end of hose



#### **B-0598 Pot Filler Faucet**



- Wall mounted faucet
- 8" (203 mm) centers
- 1/2" NPT female inlet
- 24" (610 mm) double-joint nozzle (002872-40)
- Insulated on-off control grip on tip of nozzle (035A)

**B-0594** Same as B-0592 except with 24" (610 mm) double joint nozzle (002872-40)

#### **B-0600 Pot and Kettle Filler**

- Wall mounted with 1/2" NPT female inlet
- Vacuum breaker on outlet (B-0968)
- B-0068-H flexible stainless steel hose
- Hook nozzle with self closing valve
- Hold down ring for continuous flow of water
- **B-0601** same as B-0600 except without squeeze valve; hook nozzle attaches directly to end of hose



#### B-0610 **Pot and Kettle Filler**

- Wall mounted mixing faucet
- 8" (203 mm) centers
- 1/2" NPT female inlet
- Vacuum breaker (B-0968)
- B-0068-H flexible stainless steel hose
- Hook nozzle with self closing valve
- Hold down ring for continuous flow of water
- Built in check valves to prevent crossflow of water
- **B-0610-JJ** same as B-0610 except with SS stops with 1/2" NPT female inlets
- **B-0611** same as B-0610 except without squeeze valve; hook nozzle attaches directly to end of hose



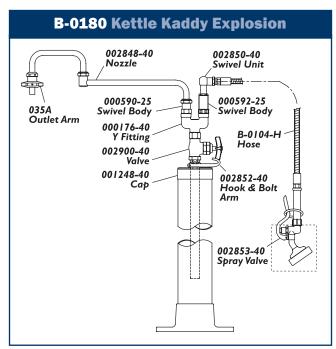


#### **Range Faucets and Pot Fillers**

#### **B-2312 Pot Filler with Quick-Disconnect**

- Wall mounted mixing faucet
- 8" (203 mm) centers
- 1/2" NPT female inlet
- Vacuum breaker (B-0968)
- B-0044-H flexible stainless steel hose
- B-1420 Quick-disconnect valve with B-1421, B-1422 and B-1424 quick-disconnect spray heads
- · Hold down ring for continuous flow of water
- Built in check valves to prevent crossflow of water





#### **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 (bolts cement anchors included)

#### **B-0180 Combination Kettle Filler** and Spray Stanchion

- 18" (457 mm) double joint nozzle with on-off control (002848-40)
- B-0104-H flexible stainless steel hose
- Spray valve (B-0107-35)
- Tee swivels
- Hose attachment for hanging hose when not in use
- 1/2" NPT connection
- Sinale water service
- Chrome plated stanchion
- 49" (1245 mm) overall height

**B-0182** Same as B-0180 except with both hot and cold water valves

#### **Check Valves for B-0180**

- 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-0190 Combination Kettle Filler** and Spray Stanchion

- Automatic shut-off valve with hook nozzle (002851-40)
- B-0144-H flexible stainless steel hose
- Self-closing spray valve (B-0107-35)
- Chrome plated stanchion
- Tee swivels
- Hook attachment for hanging hose when not in use (002852-40)
- 1/2" NPT connection
- Single water service
- 44" (1118 mm) overall height

#### Check Valves for B-0190

- 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

breaker (B-0970-01) at tee swivel

**B-0192** Same as B-0190 except with both hot and cold water valves B-0193 Same as B-0192 except with a continuous pressure vacuum





#### **Kettle Kaddy Spray Stanchions**

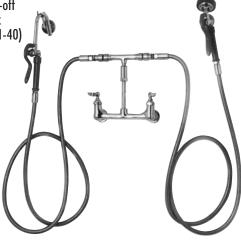
#### B-0195 Kettle Filler Hose Stanchion

- Automatic shut-off valve with hook hanger (002851-40)
- B-0068-H flexible stainless steel hose
- Hook attachment for hanging hose when not in use (002853-40)
- Single water service
- 1/2" NPT connection
- 44" (1118 mm) overall height
- B-0196 Same as B-0190 except with a continuous pressure vacuum breaker (B-0970-01) at hose connection
- **B-0187** Same as B-0195 except with both hot and cold water valves
- 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

- Wall mounted mixing faucet with 8" (203 mm) centers
- 1/2" NPT female inlets
- Two in-line vacuum breakers (B-0970-FE)
- Two wall hooks (B-0166)
- Two B-0144-H flexible stainless steel hoses
- Self closing spray valve (002853-40)
- Automatic shut-off valve and hook nozzle (002851-40)
- Tee swivel
- Built-in check valve



#### **Big-Flo Add-On Faucets and Faucets for Pot Sinks and Kettles**

#### B-0286-LNEZ Big-Flo Easylnstall Add-On Faucet Assembly

- For use with B-0290 Big-Flo series faucets
- 3/8" NPT female pre-rinse unit connection (can be plugged if not required)
- 6-1/4" tall x 5-3/8" deep with four-arm handle (175F)
- 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) centers wall mount base faucet (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
- B-0044-H stainless steel hose
- B-0107 spray valve (1.42 GPM)
- 3/4" NPT elbows furnished to allow for option deck mounting
- Furnished with two 3/4" NPT check valves



Easy Install



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



Note: Aerators are not available on Big-Flo series faucets

#### B-0289 **Big-Flo Faucet**



Big-Flo DESIGN!

- EasyInstall 8" (203 mm) centers wall mount base faucet (002840-40CV)
- Hot and cold spindle assemblies 006482-40
- EasyInstall add-on faucet (B-0286) with 18" (457 mm) Big-Flo swing nozzle (115X)
- Rigid to swivel adapter (B-0412)
- Hose adapter (34A)

separately — B-CVV3-4

- B-0104-H stainless steel hose with B-0107-035 angled spray valve (1.42 GPM)
- 3/4" NPT elbows furnished to allow for ceiling supplies behind backsplash



**B-0284** Same as B-0289 except with 12" (305 mm) swing nozzle (114X)



- eccentric inlets with locknuts
- 12" (305 mm) Big-Flo swing nozzle (114X)
- 175F four-arm handles
- 1-1/4" (32 mm) diameter holes required in backsplash

Note: This model includes 00LL street ELs. If not required, specify inlets of faucet 3/4" NPT female flange

- B-0290-01 Same as B-0290 except with 16" swing nozzle (015297-40)
- 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) swing nozzle
- **B-0290-LN** Same as B-0290 except less (114X) nozzle
- **B-0291** Same as B-0290 except with 18" (457 mm) swing nozzle (115X)
- **B-0292** Same as B-0290 except with 24" (610 mm) double-joint swing nozzle (116X)

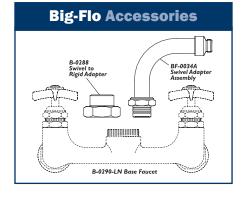
#### **Big-Flo Flow Rates**

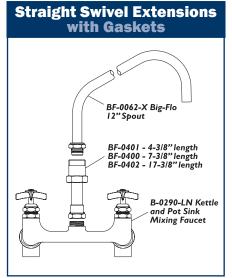
#### B-0290, B-0291, B-0293 and B-0294

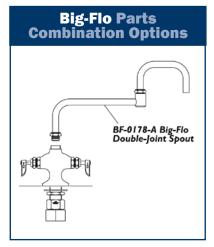
Inlet Pressure When Water Is Flowing	Either Hot or Cold Sides Open	Both Hot and Cold Sides Open
20 PSI	17 GPM	31 GPM
30 PSI	21 GPM	38-39 GPM
40 PSI	25 GPM	45-47 GPM
50 PSI	29 GPM	52-55 GPM

#### B-0292 and B-0295

Inlet Pressure When	Lither Hot or	Both Hot and
Water Is Flowing	Cold Sides Open	Cold Sides Open
20 PSI	17 GPM	27 GPM
30 PSI	20 GPM	33 GPM
40 PSI	24 GPM	39 GPM
50 PSI	27 GPM	45 GPM









#### Big-Flo Faucets for Pot Sinks and Kettles / Vandal-Resistant Big-Flo Faucets

Note: Aerators are not available on Big-Flo series faucets

# B-0290-PRISON Big-Flo Faucet • Wall mounted Big-Flo faucet • 8" (203 mm) centers • 3/4" NPT model LL street EL inlets with locknuts

- 12" (305 mm) Big-Flo swing nozzle (114X)
- Vandal resistant lever handles
- 1-1/4" (32 mm) diameter holes required in backsplash

Note: This model includes LL street ELs. If not required, specify inlets of faucet 3/4" NPT female flange

#### B-0293 Big-Flo Faucet

- 8" centers
- Deck mounted
- 3/4" NPT model 00YY female inlets



- 175F four-arm handles
- 7" (178 mm) deck to outlet of nozzle
- 1-1/4" (32 mm) diameter holes required in deck
- 7" (178 mm) from deck to outlet of nozzle
- **B-0293-01** Same as B-0293 except with two B-0427 3/4" NPT male supply nipples
- **B-0293-14** Same as B-0293 except with 14" (356 mm) Big-Flo swing nozzle and 3/4" NPT male supply nipple inlets
- **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

# B-0296-PRISON Big-Flo Faucet • Deck mounted Big-Flo faucet • Single temperature control valve • 1/2" NPT female inlet • Includes B-0425 supply nipple • 12" (305 mm) swing nozzle (114X) • Vandal-resistant lever handles • 9-3/4" (284 mm) from deck to outlet of nozzle

#### B-0296 Big-Flo Faucet

- Deck mounted
- Single temperature control valve
- 1/2" NPT female inlet
- Includes B-0425 supply nipple
- 12" (305 mm) Big-Flo swing nozzle (114X)
- 175F four-arm handles
- 9-3/4" (284 mm) from deck to outlet of nozzle

B-0296-LN Same as B-0296 except less 114X nozzle

- **B-0297** Same as B-0296 except with 18" (457 mm) swing nozzle (115X); 12" from deck to outlet of nozzle
- **B-0298** Same as B-0296 except with 24" (610 mm) double joint swing nozzle (116X)

#### **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 Big-Flo Faucet

- Deck mounted Big-Flo faucet
- Single temperature control valve with 1/2" NPT supply inlet
- Four-arm handle (175F) with blue index
- 12" (305 mm) Big-Flo swing nozzle (114X)
- Stainless steel mounting bracket



#### BF-0176 Big-Flo Faucet

- Deck mounted Big-Flo faucet
- Single temperature control base faucet (B-0296)
- 12" (305 mm) swing nozzle (114X)
- Add-on faucet (B-0286)
- B-0060-H stainless steel hose with angled spray valve and finger hook



#### Dig 110 11022100 una opouto / Ropum 111

#### **Big-Flo Double Joint Nozzles and Spouts**

#### BF-0178-A Big-Flo Double Joint Nozzle

- For use on all Big-Flo faucets
- Includes both front (BF-0153-X) and back (BF-0046-X) sections
- 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
- 6" (152 mm) clearance



BF-0062-X 12" (305 mm) swing nozzle with 3-7/8" clearance
115X 18" (457 mm) Big-Flo swing nozzle with 7-3/16" clearance

#### **Repair Kits for Big-Flo Faucets and Glass Fillers**

#### B-0290-K Repair Kit for Big-Flo Faucets

Parts for the B-0290-K Big-Flo repair kit include:

- 2 diverter stems (001075-45)
- 2 B-1100 bonnet washers (009752-45)
- 2 seat washer screws (000933-45)
- 2 B-0230 washer (000976-45)
- 2 B-1100 bonnet washer (002726-45)
- 2 B-0230 bonnet washer (009635-45)
- 2 '0'-Rings (002721-45)
- 2 seat washers (009840-45)
- 2 B-0290 removable seats (000764-20)

#### B-1255 Repair Kit for Old Design Glass Filler

Parts for the old design Glass Fillers include:

- 2 '0'-Rings (001062-45)
- 2 seat washers (009650-45)
- 2 springs (000894-45)
- 1 handle screw (003199-45)
- 2 stem packings (001100-45)
- 1 handle nut (003198-45)
- 1 lever arm (001145-45)
- 2 bonnet washers (000974-45)

• 1 blue lexan outlet top (003090-45)



#### B-1256 Repair Kit for Glass Filler

Parts for the new design Glass Filler repair kit

- 1 Adjustable outlet with hex key (015588-40)
- 1 Valve assembly with valve spring (015589-40)
- 1 Lever arm repair kit with screw and nut (015550-45)





#### **Stainless Steel Replacement Hoses**

Three-year warranty on all -H hoses.

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

 Flexible stainless steel hose dim. B = 44" (1118 mm)

Inner rubber tubing

 Supplied on most pre-rinse units with spring action gooseneck

• 9/16" ID



#### **Adapter Chart**

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

adapter normany terminates.		
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	

Notes

#### Flexible Stainless Steel and Vinyl Hoses

**B-0015-H** 14-3/4" flexible stainless steel hose

B-0020-H 20" flexible stainless steel hose

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

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

B-0023-H 23" flexible stainless steel hose

B-0024-H 24" flexible stainless steel hose

B-0026-H 26" flexible stainless steel hose

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

B-0032-H 32" flexible stainless steel hose

B-0036-H 36" flexible stainless steel hose

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

B-0044-H 44" flexible stainless steel hose

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

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

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

B-0044-HF 44" flexible stainless steel hose with 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-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-0054-H 54" flexible stainless steel hose

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

B-0054-V 54" vinyl hose

B-0056-H 56" flexible stainless steel hose

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

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

B-0060-H 60" flexible stainless steel hose

B-0068-H 68" flexible stainless steel hose

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

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

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

**B-0072-H** 72" flexible stainless steel hose

B-0080-H 80" flexible stainless steel hose

B-0096-H 96" flexible stainless steel hose

B-0104-H 104" flexible stainless steel hose

**B-0144-H** 144" flexible stainless steel hose

Note: On all hoses above the handle equals 8" of total length

#### **Faucets and Components**















#### **G-10** General Product Catalog

#### **Table of Contents**

# RELIABILITY BUILT IN

#### Faucets and Components - • T&S Product Adaptability Faucets and Fittings ......C3-14 · Nozzles, Goosenecks, Spouts, Aerators, Outlets, Handles, Conversion Adapters, Supplies, Risers and Connectors, Inlets, Inlet Extensions, Outlets and Wall Hooks **NEW!** Water-Saving Aerators C8-10 C9 **NEW!** Non-Aerated Spray Devices **NEW!** EasyInstall Tee Accessories C12 Sink and Pantry Faucets • Swivel Sink and Pantry Faucets with Swing Nozzles, Double-Joint Nozzles, Cast Nozzles and Swivel Goosenecks C15-24 • Rigid Sink and Pantry Faucets C25-26 Workboard Faucets and Nozzles .. C27-33 Workboard and Bar and Sink Faucets with Swing Nozzles, Double-Joint Nozzles and Swivel Goosenecks Waste Valves and Accessories ...... C33-36 • Twist, Lever and Specialty models and Waste Valve Accessories **NEW!** Modular Waste Valve models C35-36 Parts Kits and Accessories ............ C37, 40 • Parts, Repair and Replacement Kits Spindle Assemblies ...... C38-39 • Parts explosions/part numbers **NEW!** Quarter-Turn Spindle Assemblies C39

Notes

#### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the **G-10 General Product Catalog** "Master Index" section (IN).



#### **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. For further information, see our base faucet and nozzle combinations charts starting on page C16.





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

#### **Swing Nozzles**



 Nozzle tip has male threads with a stream regulator

Model	Standard Sizes	
No.	Length	Clearance
059X	6" (152 mm)	2-5/16" (59 mm)
060X	8" (203 mm)	2-15/16" (74 mm)
061X	10" (254 mm)	3-5/8" (92 mm)
062X	12" (305 mm)	4-3/8" (111 mm)
063X	14" (356 mm)	5" (127 mm)
064X	16" (406 mm)	5-13/16" (147 mm)
065X	18" (457 mm)	6-3/8" (162 mm)

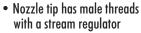
<b>059XM</b> Master Box (12)	<b>064XM</b> Master Box (12)
<b>060XM</b> Master Box (12)	<b>065XM</b> Master Box (12)
<b>061XM</b> Master Box (12)	<b>060XP</b> Plain end outlet
<b>062XM</b> Master Box (12)	062XP Plain end outlet
<b>063XM</b> Master Box (12)	

Note: Use Series 1 outlets on these swing nozzles

#### **Swivel** Gooseneck



OUTLETS





Model	Standard Size		
No.	Spread	Height	Clearance
131X	2-13/16" (71 mm)	4-3/4" (120 mm)	2-9/16" (65 mm)
132X	2-5/8" (67 mm)	9-1/16" (230 mm)	5-9/16" (142 mm)
133X	5-11/16" (145 mm)	10-3/8" (264 mm)	6-3/8" (162 mm)
134X	7-3/4" (192 mm)	11-7/16" (290 mm)	5-1/2" (139 mm)
135X	8-3/4" (223 mm)	12-1/16" (306 mm)	5-9/16" (141 mm)
136X	12-1/4" (310 mm)	14-11/16" (373 mm)	5-3/8" (137 mm)

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

131X-ADA ADA gooseneck

131XM Master Box (6)

132XM Master Box (6)

133XM Master Box (6)

135XM Master Box (6)

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

132XP Same as 132X except with plain end

133XP Same as 133X except with plain end

134XP Same as 134X except with plain end

Note: Use Series 2 outlets on these goosenecks except for 131X and 133X, which use Series 1 outlets

#### **Double-Joint Nozzles**



Nozzle tip has male

	ds with a n regulator <b>Standard</b> S	Sizes	
No.	Back	Front	Total
066X	6" (152 mm)	6" (152 mm)	12" (305 mm)
067X	9" (229 mm)	6" (152 mm)	15" (381 mm)
068X	12" (305 mm)	6" (152 mm)	18" (457 mm)
069X	12" (305 mm)	12" (305 mm)	24" (610 mm)

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

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

Note: Use Series 1 outlets on

these nozzles

#### Rigid Gooseneck



• Nozzle tip has 3/8" NPSM outlet with a stream regulator



Model	Standard Sizes		
No.	Spread	Height	Clearance
119X	2-3/4" (70 mm)	8-3/4" (222 mm)	5-1/4" (133 mm)
120X	5-1/2" (140 mm)	10-1/4" (261 mm)	5-5/16" (135 mm)
122X	5-1/2" (140 mm)	11-1/2" (292 mm)	6-7/16" (164 mm)
123X	5-1/2" (140 mm)	12-1/2" (318 mm)	7-1/2" (190 mm)
124X	5-1/2" (140 mm)	13-1/2" (343 mm)	8-9/16" (217 mm)
125X	5-1/2" (140 mm)	14-1/2" (368 mm)	9-9/16" (243 mm)
126X	5-1/2" (140 mm)	15-1/2" (394 mm)	10-1/2" (267 mm)
127X	7-5/8" (194 mm)	10-/12" (267 mm)	4-1/2" (114 mm)
128X	7-5/8" (194 mm)	13-1/2" (343 mm)	7-9/16" (192 mm)
129X	8-5/8" (219 mm)	11-3/4" (298 mm)	5-1/2" (140 mm)
130X	12-3/16" (310 mm)	13-3/8" (340 mm)	4-9/16" (116 mm)
165X	4-1/16" (103 mm)	8-1/4" (210 mm)	4-13/16" (122 mm)

#### **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 129XP Same as 129X except with plain end

Note: Use Series 2 outlets on these goosenecks



# **Nozzles, Goosenecks and Spouts**

## Soap Dish Nozzle



- Nozzle has 3/8" NPSM female outlet with stream regulator
- A swing nozzle with soap dish can be supplied on T&S faucets instead of the standard nozzle

#### Model

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



Note: Use Series 2 outlets on these nozzles

# Rigid Vacuum Breaker Gooseneck

- Rigid polished chrome plated gooseneck with vacuum breaker
- 3/8" NPT male inlet
- Nozzle has 3/8" NPSM female outlet with stream regulator



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: Use Series 2 outlets on these goosenecks

# Vacuum Breaker Swing Nozzle with Stream Regulator



- Nozzle has 3/8" NPSM female outlet with stream regulator
- Vacuum breaker swing nozzles can be supplied on T&S faucets instead of nozzles ordinarily furnished to meet local code requirements



#### 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: Use Series 2 outlets on these nozzles

# 0CS6 Swivel Cast Spout



 Polished chromium plated cast nozzle with aerator outlet

Length

6" (152 mm)

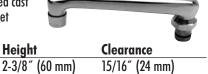
8" (203 mm)

Model

No.

**0CS6** 

**0CS8** 



3-13/16" (96 mm)

OCS6-LT 6" (152 mm) with B-LT stream regulator OCS8-LT 8" (229 mm) with B-LT stream regulator

5-3/16" (132 mm)

Note: Use Series 2 outlets on these spouts

### Swivel Vacuum Breaker Gooseneck



- 3/8" NPT male inlet
- Nozzle has 3/8" NPSM female outlet with stream regulator
- B-0406-02, -03, -04
  Rigid polished chrome plated gooseneck with swivel vacuum breaker swivels at vacuum breaker
- B-0407-02, -03, -04
   Swivel polished chrome plated gooseneck with vacuum breaker swivels at base

#### Model

No.	Spread	Height	Clearance
B-0406-02	5-5/8" (143 mm)	9" (229 mm)	4-11/16" (119 mm)
B-0406-03	8-5/8" (219 mm)	9" (229 mm)	4-11/16" (119 mm)
B-0406-04	11-5/8" (295 mm)	9" (229 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)		
B-0407-04	11-5/8" (295 mm)	8-11/16" (221 mm)	4-3/8" (111 mm)

Note: Use Series 2 outlets on these goosenecks

# Vacuum Breaker Swing Nozzle with Garden Hose Thread



- Nozzle has 3/4" garden hose thread outlet
- Vacuum breaker swing nozzles can be supplied on T&S faucets instead of nozzles ordinarily furnished to meet local code requirements



#### 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)

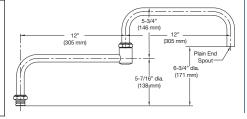
Note: Use Series 2 outlets on these nozzles

# **Big-Flo Nozzles**

# Big-Flo Double Joint Nozzle

• Double-joint nozzle for Big-Flo faucets with 3/4" inlets

116X 24" (610 mm) double-joint swing nozzle 117X 12" (305 mm) front section of double-joint swing nozzle



#### **NEW MODELS!**

# **Big-Flo Swing Nozzles**

• For use with Big-Flo faucets with 3/4" inlets

Model	Standard Sizes		
No.	Length Clearance		Height
114X	12" (305 mm)	5-3/16" (132 mm)	8-5/8" (219 mm)
115X	18" (457 mm)	7-3/16" (183 mm)	10-5/8" (270 mm)

Note: No special outlets are available for these spouts

# **Special Custom Goosenecks and Nozzles**



## B-2387 Swivel Gooseneck

- For use with swivel type base faucets
- Chrome plated
- 8-1/2" (216 mm) spread swivel gooseneck
- 10-1/8" (257 mm) total height
- Non-splash aerator (B-0199-01)

B-0414

**Adapter** 

Gooseneck

• Other dimensions available upon request



# **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
- Use two (2) 7X washers (000986-45) to make gooseneck or nozzle rigid

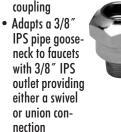
**B-0412-M** Master Box (2)

## B-0413 Adapter

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







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

# **EZ-SWIVEL-CZ Swivel Adapter**

 Swivel adapter for Chicago and Zurn faucets

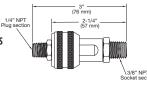
# **EZ-SWIVEL-FM Swivel Adapter**

• Swivel adapter for Fisher faucets

# **Quick-Connect Coupling Set**

# B-0452 Quick-Connect Coupling Set

- Chrome plated brass
- For use with water, air Plug section and non-corrosive gases
- When 1/4" NPT plug is removed from quickconnect socket, flow is automatically shut off



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

- Rigid to swivel adapter with flow control tower
- Refer to Flow Tower Chart to specify flow desired and add numbers to model suffix
- 1"-20 UN male thread x 3/8"-18 NPT male thread
- For use on lavatory faucets to conserve water



New

Water-

Adapter

#### **Flow Tower Chart** Model No. Flow (GPM) B-0412-**F03** 0.25 B-0412-F05 0.40 B-0412-F07 0.70 0.90 B-0412-F10 B-0412-F12 1.20 B-0412-F15 1.40 B-0412-F16 1.60 B-0412-**F20** 2.00

C 6

#### **Handles**

# 001144-45 **Alpine Handle**

- Clear lexan handle
- Fits most T&S faucets
- Order chrome plated index buttons separately

001327-40 Cold 001328-40 Hot 001326-40 Blank



# 001784-40 **Dome Handle**

- Polished chrome zinc metal handle
- · Conceals stem and bonnet
- Screw and index blue (cold) sold separately

001783-40 Dome handle, with red (hot) index sold separately



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

- Chrome plated forged brass handle, 4" (102 mm) long
- Fits all T&S faucets
- Cold index: 001686-45
- Hot index: 001194-45
- Screw only: 000925-45
- Available with anti-microbial coating

B-WH4H Includes 4" handle, hot index button and screw B-WH4C Includes 4" handle, cold index button and screw **B-WH6** Same as B-WH4 except 6" (152 mm) long **B-WH6H** Includes 6" handle, hot index button and screw B-WH6C Includes 6" handle, cold index button and screw

### **Push Button Handle**

- Chrome plated handle for metering faucets
- Available with anti-microbial coating



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

# **Soap Dishes**

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

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



## 001636-45 **Lever Handle**

- Chrome plated zinc handle
- Blue index button and screw (cold)
- Available with antimicrobial coating



Antimicrobial Handles Available

001637-45 Lever handle with red index (hot) and screw

001638-45 Lever handle with no index 010027-40 Chrome plated solid brass handle

# 002521-45 **Four Arm Handle**

- Chrome plated zinc handle
- Order handle screw separately (000922-45)
- Available with antimicrobial coating
- Order index for hot or cold separately:



**001660-45** Cold handle index (blue) **001661-45** Hot handle index (red)

### **Club Handle**

• Chrome plated decorative handle

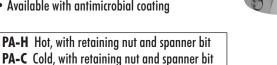
009332-41 Hot side **009331-41** Cold side



# **Pivot Action Metering Handle**

PA-B Blank, with retaining nut and spanner bit

- Chrome plated handle for pivot action meterina faucets
- Available with antimicrobial coating



# **B-SDA Soap Dish Assembly**

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



Check out our new water-

saving aerators and outlets!



# **Aerators NEW!**

# Series 1 • 55/64"-27 UN

aerator threads

• Fits all swing nozzles and 131X,

133X gooseneck

-WS models are

water-saving

aerators

female

# Series 2 • 3/8" NPSM male thread

- Fits goosenecks
- Fits lavatory spouts • -WS models are • -WS models are water-saving water-saving aerators aerators

Series 3

• 13/16"-27 UN male

aerator thread

# Series 4

- 15/16"-27 UN male thread Fits single lever
- line · -WS models are water-saving aerators
- 13/16"-24 UN female thread

Series 5

- Fits other manufacturer's faucets
- Includes adapter and washer with aerator

#### **Standard Aerators**

#### **Aerator**

• Non-splash aerator



- B-0199-01 (2.2 GPM)

# B-0199-02 (2.2 GPM)

B-0199-03 (2.2 GPM)

# B-0199-04 (2.2 GPM)

# **Vandal-Resistant Aerator**

- Vandal-resistant. non-splash aerator Use tool to attach
- and remove aerator



- B-0199-06 (2.2 GPM)
- B-0199-07 (2.2 GPM)
- B-0199-08 (2.2 GPM)

# B-0199-09 (2.2 GPM)

# **Water-Conserving Aerators**

### **Aerator with Flow Control**

 Non-splash aerator with flow control



B-0199-01F- X X

Refer to Aerator Flow Chart to add Suffix Numbers

B-0199-02F- XX B-0199-03F- XX

# **Vandal-Resistant Aerator** with Flow Control

- Non-splash, vandalresistant aerator with flow control
- Tool to attach and remove aerator



B-0199-06F-XX

B-0199-07F- XX B-0199-08F- XX

**NEW** 

Models!

# Refer to Aerator Flow Chart to add Suffix Numbers

# **NEW! Non-Splash Aerator 1.5 GPM**

 Non-splash gerator with flow control



B-0199-01-WS (1.5 GPM)

B-0199-02-WS (1.5 GPM)

B-0199-03-WS (1.5 GPM)

B-0199-04-WS B-0199-05-WS (1.5 GPM)(1.5 GPM)

# **NEW! Vandal-Resistant Aerator 1.5 GPM**

- · Non-splash, vandalresistant aerator with flow control
- Tool to attach and remove aerator





B-0199-06-WS (1.5 GPM)

B-0199-07-WS (1.5 GPM)

B-0199-08-WS (1.5 GPM)

B-0199-09-WS (1.5 GPM)

B-0199-10-WS (1.5 GPM)

Aerator Flow Chart					
Flow (GPM)	Suffix	Color Code	Flow (GPM)	Suffix	Color Code
0.25	F03	No color	1.20	F12	Orange
0.40	F05	Brown	1.40	F15	Purple
0.70	F07	Green	2.00	F20	Yellow
0.90	F10	Grey			

GPM ± 10%

## To order:

Select flow desired, then add suffix to model number.

For ex.:, B-0199-02F15 for 1.40 GPM

### Note:

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



### **Laminar Flow Outlets**

#### Series 3 Series 1 Series 4 • 55/64"-27 UN female • 13/16"-27 UN male • 15/16"-27 UN male **NEW!** aerator threads aerator thread thread Check out our new non-splash, · Fits all swing nozzles, • Fits lavatory spouts • Fits single lever line non-aerated laminar flow devices! 131X, 133X gooseneck **Laminar Flow** B-0199-21 B-0199-26 B-0199-25 Regulator (2.2 GPM) (2.2 GPM) (2.2 GPM) Non-splash, non-aerated stream B-0199-29 Screenless; for use in medical facilities (1.5 GPM) to prevent airborne bacteria from entering water stream **NEW! Vandal-Resistant** B-0199-29-VR **Laminar Flow** B-0199-28 B-0199-27 (1.5 GPM) (2.2 GPM) (2.2 GPM) • Same as B-0199-21 except is B-0199-21-VRF vandal-resistant with kev (2.2 GPM) • -VR - female thread B-0199-21-VRM -VRF - female thread (2.2 GPM) -VRM - male thread

# **NEW! Non-Aerated Spray Devices**



**NEW!** Water-saving 0.35 GPM and 0.5 GPM flow rate

#### NEW! Series 1 Series 2 Series 4 Series 3 Series 5 Check out our new watersaving non-aerated spray • 55/64"-27 UN • 13/16"-27 UN • 3/8" NPSM male • 15/16"-27 UN • 13/16"-24 UN female thread thread male thread male thread female thread devices with 0.35 and • Fits goosenecks Fits all swing nozzles, 131X, Fits other Fits lavatory Fits single lever 0.5 GPM! manufacturer's spouts line faucets 133X gooseneck **Non-Aerated Spray Device** B-0199-01-N035 B-0199-02-N035 B-0199-03-N035 B-0199-04-N035 B-0199-05-N035 (0.35 GPM) (0.35 GPM) (0.35 GPM) (0.35 GPM) (0.35 GPM) Non-splash nonaerated spray device B-0199-01-N05 B-0199-02-N05 B-0199-03-N05 B-0199-04-N05 B-0199-05-N05 (0.5 GPM) (0.5 GPM)(0.5 GPM)(0.5 GPM) (0.5 GPM)Vandal Resistant Non-**Aerated Spray Device** B-0199-06-N035 B-0199-07-N035 B-0199-08-N035 B-0199-09-N035 B-0199-10-N035 (0.35 GPM) (0.35 GPM) (0.35 GPM) (0.35 GPM) (0.35 GPM)• Non-splash, vandal resistant nonaerated spray device B-0199-06-N05 B-0199-08-N05 B-0199-09-N05 B-0199-10-N05 B-0199-07-N05 • Tool to attach and remove outlet (0.5 GPM) (0.5 GPM) (0.5 GPM) (0.5 GPM) (0.5 GPM)

## **Outlets**

#### **Series 1 Outlets**



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

# B-0103-01 Rosespray

- Female aerator thread
- Solid brass construction



# **B-GFE Garden Hose Outlet**

- Female aerator thread
- Fits on end of nozzle or gooseneck to convert gerator male thread to male garden hose thread



# **B-PT Stream Regulator**

- Female aerator thread
- · Plain outlet with screen and washer



### 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



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

· Pro key for vandalresistant aerators



#### **Series 2 Outlets**



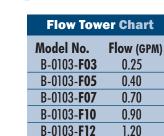
- •\$\$\sqrt{\sq}}}}}}}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}}} \simen\signtiquen\sqnt{\sqrt{\sq}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sqrt{\sq}
- Fits goosenecks

# B-0103 Rosespray

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

# **NEW** Water-saving models available:

B-0103-Fxx models with flow control assembly and 3/8"-18 NPT male thread - refer to Flow Tower Chart at right to specify flow desired and add numbers to model suffix



# **B-GH Garden Hose Outlet**

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

# **B-LT**

**Stream Regulator** 

- 3/8" male thread
- Plain outlet







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

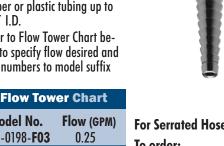
- 3/8" NPT male inlet thread
- Serrated hose end accepts rubber or plastic tubing up to 1/2" I.D.
- Refer to Flow Tower Chart below to specify flow desired and add numbers to model suffix

Tiow lower onait		
Flow (GPM)		
0.25		
0.40		
0.70		
0.90		
1.20		
1.40		
2.00		

# For Serrated Hose End To order:

Select flow desired, then add suffix to model number.

Ex.: B-0198-F03 for 0.25 GPM



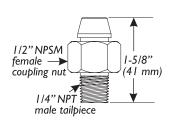


# **Adapters and Supply Connectors**

Adapter Chart				
Dimensio	ns			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



# **006895-20 Short Elbow**

- 1/2" female connectors
- Used with 1/2" male threaded supplies to provide 90° turns at inlets

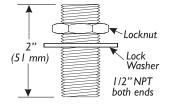


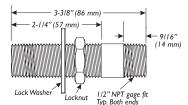
# **Inlets and Supply Connections**

# B-0425 Supply Nipple

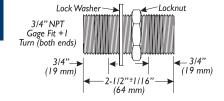
**B-0425-M** Master Box (2)

B-0426 Supply Nipple

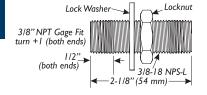




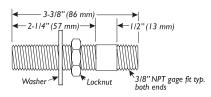
# B-0427 Supply Nipple



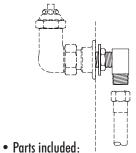
# B-0428 Supply Nipple



# B-0429 Supply Nipple



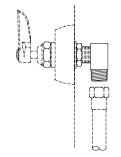
# B-0230-K Parts Kit



1/2" NPT Supply nipple, lock nut and washer

1/2" NPT Male x Female short EL

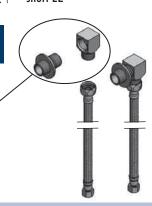
# B-1100-K Parts Kit



 Parts included: 1/2" NPT Male x Female short EL

# B-0230-KIT Parts Kit

- Parts included:
  - 2 1/2" inlet shanks and close elbows —inlet assembly kit (2 sets per kit)
  - 1 24" flexible supply hose (two sets per kit)



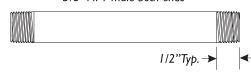
Supply	Nipple	Length
3/8"	B-0428	2-1/8" (54 mm)
	B-0429	3-3/8" (86 mm)
1/2″	B-0425	2" (51 mm)
	B-0426	3-3/8" (86 mm)
3/4"	B-0427	2-1/2" (64 mm)

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. Available in chrome if specified.

## **Risers and Connectors**

# 3/8" Riser Lengths

3/8" NPT male both ends

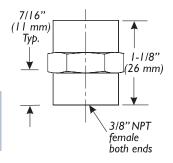


Model No.	Length	Model No.	Length
000357-40	2" (51 mm)	000369-40	18" (457 mm)
000358-40	3" (76 mm)	000372-40	24" (610 mm)
000361-40	5" (127 mm)	000376-40	32" (813 mm)
000363-40	7" (178 mm)	Contact factory	for sizes not shown.

# **Couplings**

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

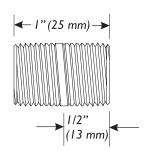
Dimension	Model No.
3/8" NPT female	001769-40
3/4-14 NPT female	001596-25



# **Close Nipples**

- Used to connect two (2) pipes
- Male x male
- Same thread size on both ends
- Close nipple will be completely concealed

Dimension	Model No.
3/8" NPT male	002535-25
1/2" NPT male	002534-25



## B-CVV1-2 Check Valve

- Rough brass finish
- Chrome plated available upon request
- 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 Furnished in rough brass

# **EasyInstall Accessories**

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**

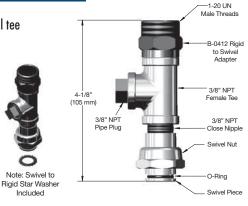
Tees on pre-rinse units and mixing faucets are used to supply water to accessory applications such as chemical injectors (for cleaning jobs, etc.) They are not intended to introduce chemicals into the **T&S** pre-rinse unit or mixing faucet. A backflow prevention device should be installed if it is not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



B-0230-12-CR-SC (with B-TEE-EZK Swivel Tee Assembly)

# B-TEE-EZK Swivel Tee Assembly

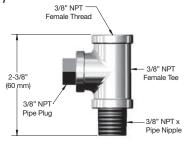
- EasyInstall swivel tee assembly
- Designed for use with T&S mixing faucets
- Chrome plated



# B-TEE-RGD Rigid Tee Assembly

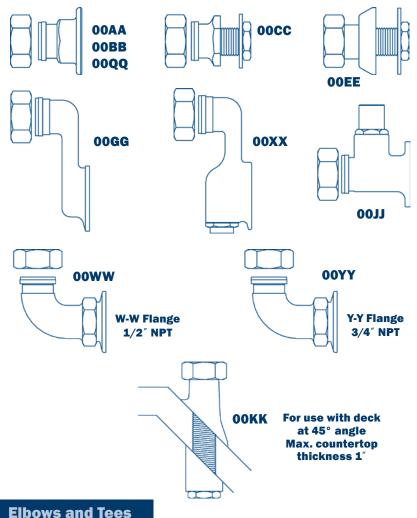
- EasyInstall rigid tee assembly
- Designed for use with T&S pre-rinses
- Chrome plated







# **Inlet Product Options**



## **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. All are available in rough chrome if specified. To order, add suffix letters to faucet model number.

For example: "B-0230-CC" — Sink mixing faucet with 1/2" NPT male inlet, 1" (25 mm) long.

OOAA 1/2" NPT female eccentric flanged

OOBB 3/4" NPT female eccentric flanged inlet

OOCC 1/2" NPT male inlet, 1" (25 mm) long

**OOEE** 1/2" NPT male inlet with adjustable flange, 1" (25 mm) long

**OOGG** 1/2" NPT female flanged adjustable inlet

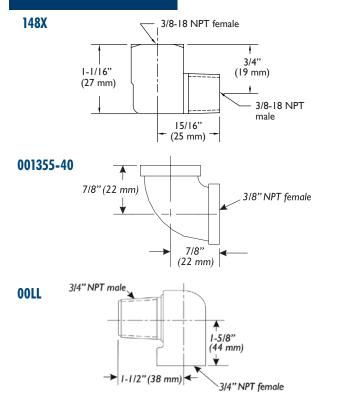
OOXX 1/2" NPT female flanged adjustable inlet with screwdriver stop

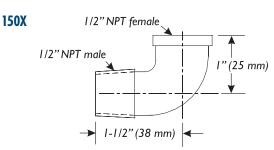
0011 1/2" NPT female inlet with loose key gots

**OOWW** 1/2" NPT female flange 90° inlet OOYY 3/4" NPT female flange 90° inlet

OOKK 1/2" NPT male inlet for use on 45° decks. Inlet is at 45° angle to mounting face

OOQQ 3/8" NPT female eccentric flanged inlet





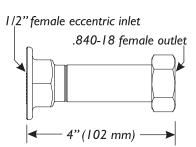
Elb	ows
Description	Model No.
3/8" Street elbow	148X
3/8" Elbow	001355-40
1/2" Short elbow	006895-20
1/2" Street elbow	150X
1/2" Elbow	001357-40
3/4" Short elbow	00LL
3/4" Elbow	001720-40

# **Inlet Extensions**

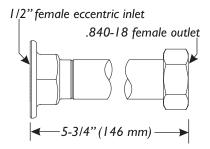


# 1/2" female eccentric inlet .840-18 female outlet - 3" (76 mm)

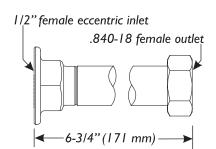
#### **B-0441**



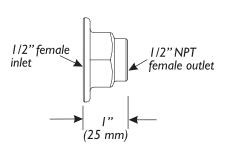
#### **B-0442**



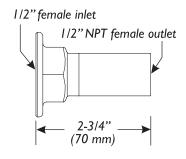
**B-0443** 



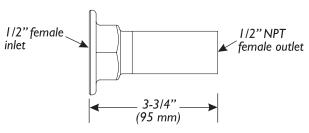
**B-0445** 



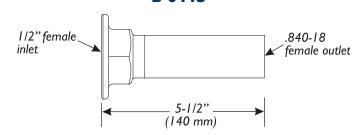
**B-0446** 



**B-0447** 

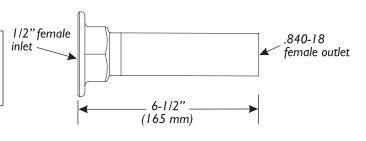


# **B-0448**



### **B-0449**





## **Inlet Extensions**

The following inlet extensions are polished chrome plated and used on the inlets of either wall or deck mounted union coupling style mixing faucets to extend inlets. 00AA 1-1/4" (32 mm) inlet standard on typical wall mounted faucets (B-0230, for example).

B-0440 Adds 1-3/4" (44 mm) to standard 00AA

B-0441 Adds 2-3/4" (70 mm) to standard 00AA

B-0442 Adds 4-1/2" (114 mm) to standard 00AA B-0443 Adds 5-1/2" (140 mm) to standard 00AA

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

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

B-0445 1" (25 mm) 2-3/4" (70 mm) B-0446 B-0447 3-3/4" (95 mm) B-0448 5-1/2" (140 mm) B-0449 6-1/2" (165 mm)

# **Swivel Pantry Faucets**

# B-0200 Double Pantry Faucet

- Deck-mounted
- Swivel gooseneck (065X) with 18" (457 mm) length
- B-PT stream regulator
- Lever handles
- Single hole base faucet with 4" C/C spreader unit
- 1" (25 mm) shank
- Fits sink up to 1-1/2" thick
- 1/2" NPT male inlets



**B-0200-LNM** -LN Master Box (6)

**B-0200-M** Master Box (6)

**B-0200CR-PRISON** Same as B-0200 except with vandal resistant flow control aerator (1.0 GPM), vandal resistant lever handles and ceramic cartridges



**B-0200-60H-VB** Includes base faucet with 034A, B-0060-H hose, B-0107-035 spray valve, B-0104-D wall hook and B-0970-01 vacuum breaker

**B-0201** Same as B-0200 except with 12" (305 mm) swing nozzle (062X)

**B-0201-M** Master Box (6)

**B-0202** Same as B-0200 except with 6" (152 mm) swing nozzle (059X)

B-0202-CR Same as B-0202 except with ceramic cartridges

B-0250 Same as B-0200 except with 18" (457 mm) double-joint swing nozzle (068X)

B-0251 Same as B-0200 except with 15" (381 mm) double-joint swing nozzle (067X)

**B-0252** Same as B-0200 except with 12" (305 mm) double-joint swing nozzle (066X)

# B-0205 Single Pantry Faucet

- Deck-mounted
- Swivel gooseneck (065X) with 18" (457 mm) length
- B-PT stream regulator
- Lever handle (specify cold or hot)
- 1/2" NPSM male shank
- 1/4" NPT union type tailpiece



**B-0205-LN** Same as B-0205 except without swing nozzle

**B-0205-LNM** -LN Master Box (6)

**B-0205-M** Master Box (6)

- **B-0205-44H-VB** Includes base faucet with 034A, B-0044-H hose, B-0107-035 spray valve, B-0104-D wall hook and B-0970-01 vacuum breaker
- **B-0205-60H-VB** Includes base faucet with 034A, B-0060-H hose, B-0107-035 spray valve, B-0104-D wall hook and B-0970-01 vacuum breaker
- **B-0206** Same as B-0205 except with 12" (305 mm) swing nozzle (062X)
- **B-0206-M** Master Box (6)
- **B-0207** Same as B-0205 except with 6" (152 mm) swing nozzle (059X)
- **B-0207-CR** Same as B-0207 except with ceramic cartridges

**B-0207-M** Master Box (6)

- **B-0255** Same as B-0205 except with 18" (457 mm) double-joint swing nozzle (068X)
- **B-0257** Same as B-0205 except with 12" (305 mm) double-joint swing nozzle (066X)

# B-0208 Single Pantry Faucet

- Deck-mounted with 6" (152 mm) cast spout (OSC6)
- B-0199-01 (2.2 GPM) aerator
  Lever handle (specify hot
- 1/2" NPSM male shank

or cold)

- Fits sink up to 1-1/8" thick
- (150A) 1/4" NPT male tailpiece



- **B-0208-CR** Same as B-0208 except with ceramic cartridges
- **B-0208-CR-HW** Same as B-0208-CR except with lever handle with hot (red) index

# B-0210 Single Pantry Faucet

- Wall-mounted single temperature faucet
- Swivel gooseneck (065X), 18" (457 mm) length
- B-PT stream regulator
- Four arm handle (specify hot or cold)
- For supply nipples, specify B-0425
- 1/2" NPT female flanged inlet

**B-0210-060X** Same as B-0210 except with 8" (203 mm) swing nozzle (060X)

**B-0210-LN** Same as B-0210 except without swing nozzle

**B-0210-LNM** -LN Master Box (6)

**B-0211** Same as B-0210 except with 12" (305 mm) swing nozzle (062X)

**B-0212** Same as B-0210 except with 6" (152 mm) swing nozzle (059X)

**B-0216** Same as B-0210 except with 6" (152 mm) cast spout (OSC6)

B-0260 Same as B-0210 except with 18" (457 mm) double-joint swing nozzle (068X)

**B-0261** Same as B-0210 except with 15" (381 mm) double-joint swing nozzle (067X)

**B-0262** Same as B-0210 except with 12" (305 mm) double-joint swing nozzle (066X)



These base faucets are not equipped with spring check spindle assemblies. They are not for use with pre-rinse units.



This combination has parts which must be ordered separately.

1-800-423-0150 (West Coast)

**Faucets** 1-800-476-4103 (East Coast)

Base







B-0205-LN **Swivel Base Faucet** 

- **Swivel Base Faucet** Double pantry faucet, deck-mounted
- Lever handles
- Single hole base faucet with 4" spreader unit
- 1-1/8" (25 mm) shank
- Furnished with 1/4" NPT tailpieces
- Single pantry faucet, deckmounted
- Lever handle (specify cold or hot)
- 1/2" NPSM single shank
- Furnished with 1/4" NPT tailpiece

Nozzl	es
-------	----



**Swing Nozzle** 

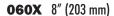
**059X** 6" (152 mm)

B-0202

**B-0202-CR** ceramic cartridges

B-0207

**B-0207-CR** ceramic cartridges **B-0207-M** Master Box (6)









**061X** 10" (254 mm)



**062X** 12" (305 mm)

B-0201 **B-0201-CR** ceramic cartridges **B-0201-M** Master Box (6)

B-0206 **B-0206-CR** ceramic cartridges **B-0206-M** Master Box (6)

**065X** 18" (457 mm)

B-0200 **B-0200-M** Master Box (6) **B-0200CR-PRISON** 

B-0205

**B-0205-M** Master Box (6)

Same Base Faucets cont. on p. C18 and C19

Other nozzles for these faucets cont. on page C18



See p. C21	See p. (21	See p. C22	See p. C23
B-0220-LN Deck Mixing Faucet  Deck mixing faucet — swivel Lever handles 8" (203 mm) centers 1/2" NPT eccentric flanged female inlets	B-0225-LN Deck Mixing Faucet  Deck mixing faucet — swivel Lever handles 4" (102 mm) centers 1/2" NPT eccentric flanged female inlets	B-0230-LN Swivel Base Faucet  Wall mounted mixing faucet Lever handles 8" (203 mm) centers 1/2" NPT eccentric flanged female inlets	B-0235-LN Swivel Base Faucet  Wall mounted mixing faucet Lever handles 2-1/4" (57 mm) to 8-1/4" (210 mm) centers Adjustable inlet arms
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-0228 B-0228-CR ceramic cartridges B-0228-M Master Box (6) B-2283 B-0425 supply nipple	B-0232 B-0232-BST built-in stops B-0232-CC 1/2" NPT CC male inlets B-0232-CC-CR ceramic cartridges B-0232-EE 1/2" NPT EE male inlets w/ adjustable flange B-0232-ELK 1/2" NPT supply el 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 ceramic cartridges B-0227-M Master Box (6)		
B-0220-EE-061X	<b>B-0226 B-0226-CC</b> 1/2" NPT CC male inlets	B-2342 B-0230-EE-061X	CTES .
B-0221 B-0221-CC 1/2" NPT CC male inlets B-0221-CC-CR B-0221-CR ceramic cartridges B-0221-EE 1/2" NPT EE male inlets w/ adjustable flange B-0221-KK 1/2" NPT KK inlets B-0221-M Master Box (6) B-0221-01 B-0425 supply nipples B-2280 B-0425 supply nipples	B-0225 B-0225-CC 1/2" NPT CC male inlets B-0225-CR ceramic cartridges B-0225-M Master Box (6)	B-0231 B-0231-BB-CR 3/4" NPT female inlets and ceramic cartridges B-0231-BST built-in stops B-0231-CC 1/2" NPT male inlets B-0231-CCM -CC Master Box (6) B-0231-CR ceramic cartridges B-0231-CR-M Master Box (6) B-0231-EE 1/2" NPT EE male inlets w/ adjustable flange B-0231-EE-CR ceramic cartridges B-0231-EEM -EE Master Box (6) B-0231-M Master Box (6) B-0231-WH4 -WH4 handles B-0231-02 B-PT strm. reg. outlet	B-0236 B-0236-CR ceramic cartridges B-0236-M Master Box (6)
B-0220 B-0220-CC 1/2" NPT CC male inlets B-0220-EE 1/2" NPT EE male inlets w/ adjustable flange B-0220-EELN 1/2" NPT EE male inlets less nozzle B-0220-M Master Box (6)		B-0230 B-0230-BST built-in stops B-0230-CC 1/2" NPT male inlets B-0230-CR ceramic cartridges B-0230-CR-02 2.2 GPM aerator B-0230-EE 1/2" NPT EE male inlets w/ adjustable flange B-0230-02 2.2 GPM aerator	<b>B-0235 B-0235-CC</b> 1/2" NPT CC male inlets



This combination has parts which must be ordered separately.

1-800-476-4103 (East Coast) 1-800-423-0150 (West Coast)



B-0200-LN

**Swivel Base Faucet** 

• Double pantry faucet, deck-mounted

• Single hole base faucet with 4" (102 mm) spreader unit

• Furnished with 1/4" NPT tailpieces

• 1-1/8" (25 mm) shank





# **B-0205-LN Swivel Base Faucet**

- Single pantry faucet, deckmounted
- Lever handle (specify cold or hot)
- 1/2" NPT single shank
- Furnished with 1/4" NPT tailpiece

# Base **Faucets**

cont. from p. C16-C17

# **Nozzles**

OUTLETS

**Double-Joint Nozzle** 

**066X** 12" (305 mm)

**067X** 15" (381 mm)

**068X** 18" (457 mm)

B-0252

Lever handles

B-0251

B-0250



**OCS6** 6" (152 mm)



B-0208

B-0257

B-0256

B-0255

**B-0208-CR** ceramic cartridges B-0208-CR-HW lever handle w/

red index (hot water)



**Cast Nozzle** 



133X

B-0301

B-0306

More Base Faucets for these Nozzles cont. on p. C20

Notes Notes		



See p. C21	See p. C21	See p. C22	See p. C23
B-0220-LN Deck Mixing Faucet	B-0225-LN Deck Mixing Faucet	B-0230-LN Swivel Base Faucet	B-0235-LN Swivel Base Faucet
<ul> <li>Deck mixing faucet — swivel</li> <li>Lever handles</li> <li>8" (203 mm) centers</li> <li>1/2" NPT eccentric flanged female inlets</li> </ul>	<ul> <li>Deck mixing faucet — swivel</li> <li>Lever handles</li> <li>4" (102 mm) centers</li> <li>1/2" NPT eccentric flanged female inlets</li> </ul>	<ul> <li>Wall mounted mixing faucet</li> <li>Lever handles</li> <li>8" (203 mm) centers</li> <li>1/2" NPT eccentric flanged female inlets</li> </ul>	<ul> <li>Wall mounted mixing faucet</li> <li>Lever handles</li> <li>2-1/4" (57 mm) to 8-1/4" (210 mm) centers</li> <li>Adjustable inlet arms</li> </ul>
B-0247		B-0267 B-0267-BST built-in stops	CAS .
B-0246		B-0266 B-0266-BST built-in stops B-0266-CR-SC ceramic cartridges and check valves	(TES
B-0245		B-0265 B-0265-BST built-in stops	CARS.
	B-2501	B-0234-BST built-in stops B-0234-EE 1/2" NPT EE male inlets w/ adj. flange	B-0235-01
B-0321 B-0321-CC 1/2" NPT CC male inlets B-0321-CC-CR ceramic cartridges	B-0325 B-0325-WH4 w/ 133X swivel gooseneck and wrist action handles	B-0331 B-0331-CC 1/2" NPT CC male inlets B-0331-BST built-in stops	B-0341

Notes Notes		

These base faucets are not equipped with spring check spindle





equipped with spring c assemblies. They are r with pre-rinse units.	not for use	See p. C15	See p. C23
This combination parts which mu ordered separa	ust be Base	B-0210-LN Swivel Base Faucet	B-0240-LN Combination Sink Faucet
1-800-476-4103 (East 1-800-423-0150 (Web	st Coast)	<ul> <li>Wall mounted single pantry faucet</li> <li>Four-arm handles</li> <li>1/2" NPT female flanged inlet</li> <li>Specify hot or cold</li> </ul>	<ul> <li>Wall mounted mixing faucet</li> <li>Lever handles</li> <li>2-1/4" (57 mm) to 8-1/4" (210 mm) centers adjustable inlet arms</li> <li>1/2" NPT female flanged inlets</li> <li>Integral screwdriver stops</li> </ul>
Swing Nozzle	<b>059X</b> 6" (152 mm)	B-0212	B-0242
OUTLETS	<b>060X</b> 8" (203 mm)	B-0210-060X	<b>CIES</b>
	<b>061X</b> 10" (254 mm)		
	<b>062X</b> 12" (305 mm)	B-0211	B-0241
	<b>065X</b> 18" (457 mm)	B-0210	B-0240
Double-Joint Nozzle	<b>066X</b> 12" (305 mm)	B-0262	
CSERIES	<b>067X</b> 15" (381 mm)	B-0261	
OUTLETS	<b>068X</b> 18" (457 mm)	B-0260 B-0260-CR-177F ceramic cartridges with lever handle	
Cast Nozzle	osc6	B-0216 B-0216-177F with lever handle	B-0243
Swivel Gooseneck   Swivel Gooseneck   Swivel Gooseneck	133X	B-0312	B-0343



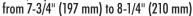
Models!

# Tas

# **Swivel Pantry Faucets**

# B-0220 Double Pantry Faucet

- · Deck mounted mixing faucet
- Swivel gooseneck (065X) with 18" (457 mm) length
- B-PT stream regulator
- 8" centers
- Lever handles
- 1/2" NPT female eccentric flanged inlets, adjustable







**B-0220-EE** Same as B-0220 except with 1/2" NPT EE male inlets with adjustable flange

B-0220-LN Same as B-0220 except less nozzle

B-0220-EE-061X Same as B-0220 except with 10" (254 mm) swing nozzle, 00EE inlets

**B-0220-EELN** Same as B-0220 except with 1/2" NPT EE male inlets with adjustable flange and less nozzle

**B-0220-LNCC** Same as B-0230 except with -CC inlets, less nozzle

**B-0220-LNCCM** -LNCC Master Box (6)

**B-0220-LNM** -LN Master Box (6)

**B-0220-M** Master Box (6)

**B-0221** Same as B-0220 except with 12" (305 mm) swing nozzle

**B-0221-01** Same as B-0220 except with 1/2" NPT supply nipples

**B-0221-CC** Same as B-0221 except with 1/2" NPT CC male inlets

B-0221-CC-CR Same as B-0221-CC except with ceramic cartridges

**B-0221-EE** Same as B-0221 except with 1/2" NPT EE male inlets with adjustable flange

B-0221-KK Same as B-0221 except with KK inlets

**B-0221-M** Master Box (6)

**B-0222** Same as B-0220 except with 6" (152 mm) swing nozzle

**B-0222-CC** Same as B-0222 except with 1/2" NPT CC male inlets

**B-0222-EE** Same as B-0222 except with 1/2" NPT EE male inlets with adjustable flange

**B-0222-M** Master Box (6)

**B-0245** Same as B-0220 except with 18" (457 mm) double-joint swing nozzle (068X)

B-0246 Same as B-0220 except with 15" (381 mm) double-joint swing nozzle (067X)

B-0247 Same as B-0220 except with 12" (305 mm) double-joint swing nozzle (066X)

**B-0344** Same as B-0220 except with 10" (254 mm) swing nozzle (061X)

**B-2280** Same as B-0221 except with B-0425 supply nipples

**B-2280-060X** Same as B-2280 except with 8" (203 mm) swing nozzle (060X)

# B-0225 Double Pantry Faucet



- Swivel gooseneck (062X) with 12" (305 mm) length
- B-PT stream regulator
- Lever handles
- 4" (102 mm) centers
- For supply nipples, specify B-0425

• 1/2" NPT female eccentric flanged inlets, adjustable from 3-3/4" (95 mm) to 4-1/4" (108 mm)





**B-0225-LN** Same as B-0225 except without swing nozzle

**B-0225-LNM** -LN Master Box (6)

**B-0225-EELN** Same as B-0225 except with 1/2" NPT EE male inlets with adjustable flange and less nozzle

**B-0225-M** Master Box (6)

**B-0225-CC** Same as B-0225 except with 1/2 "NPT CC male inlets

**B-0225-CR** Same as B-0225 except with ceramic cartridges

**B-0225-CR-LN** Same as B-0225-CR except less nozzle

**B-0226** Same as B-0225 except with 10" (254 mm) swing nozzle (061X)

**B-0226-CC** Same as B-0226 except with 1/2" NPT CC male inlets

**B-0227** Same as B-0225 except with 8" (203 mm) swing nozzle (060X)

B-0227-CC Same as B-0225 except with 1/2 " NPT CC male inlets

**B-0227-M** Master Box (6)

**B-0228** Same as B-0225 except with 6"(152 mm) swing nozzle (059X)

**B-0228-CR** Same as B-0228 except with ceramic cartridges

**B-0228-M** Master Box (6)

**B-2283** Same as B-0228 except with B-0425 supply nipples

B-2283-CR Same as B-2283 except with ceramic cartridges

**B-2283-065X** Same as B-2283 except with 18" (457 mm) swing nozzle (065X)

# B-2501 Double Pantry Faucet

- · Deck-mounted mixing faucet
- 6" (152 mm) cast spout (OSC6)
- B-0199-01 (2.2 GPM) aerator
- Lever handles
- 4" (102 mm) centers
- For supply nipples, specify B-0425
- 1/2" NPT female eccentric flanged inlets, adjustable from 3-3/4" (95 mm) to 4-1/4" (108 mm)



**B-2501-CR** Same as B-2501 except with ceramic cartridges

# **Swivel Pantry Faucets**

# B-0230 Double Pantry Faucet



- Wall-mounted pantry faucet
- Swivel gooseneck (065X) with 18" (457 mm) length
- 8" centers with 1/2" NPT female eccentric flanged inlets, adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- Lever handles with color coded indexes
   B-PT stream regulator



- B-0230-14-CR-SC Same as B-0230 except with ceramic cartridges with check valves and 14" (356 mm) swing nozzle (063X)
- B-0230-BST Same as B-0230 except with 1/2" BST built-in stops
- B-0230-CC Same as B-0230 except with 1/2" NPT CC male inlets
- **B-0230-CCLN** Same as B-0230-CC except less nozzle
- B-0230-CCLNM -CCLN Master Box (6)
- **B-0230-CR-02** Same as B-0230 except with ceramic cartridges and 18" (457 mm) swing nozzle with B-0199-01 aerator
- **B-0230-EE** Same as B-0230 except with 1/2" NPT EE male inlets with adjustable flange
- **B-0230-EE-061X** Same as B-0230-EE except with 10" (254 mm) swing nozzle (061X)
- **B-0230-LN** Same as B-0230 except less nozzle
- **B-0230-LNM** -LN Master Box (6)
- **B-0230-M** Master Box (6)
- B-0230-TZ-CR-SC Same as B-0230-14-CR-SC except with 18" (457 mm) swing nozzle (065X) and B-TEE-EZK EasyInstall Tee unit
- **B-0231** Same as B-0230 except with 12" (305 mm) swing nozzle
- B-0231-02 Same as B-0231 except with B-0230-K installation kit
- B-0231-BST Same as B-0231 except with 1/2" BST built-in stops
- **B-0231-CC** Same as B-0231 except with 1/2" NPT CC male inlets
- **B-0231-CC-CR** Same as B-0231-CC except with ceramic cartridges
- **B-0231-CCM** -CC Master Box (6)
- **B-0231-CR** Same as B-0231 except with ceramic cartridges
- **B-0231-CR-M** -CR Master Box (6)
- B-0231-EE Same as B-0231 except with 1/2" NPT EE male inlets with adjustable flanges

- B-0231-EE-CR Same as B-0231-EE except with ceramic cartridges
- **B-0231-EEM** -EE Master Box (6)
- **B-0231-M** Master Box (6)
- B-0231-VF22-EL Same as B-0231 except with 12" (305 mm) swing nozzle, 2.2 GPM vandal-resistant aerator and B-0230-K parts kit
- **B-0231-WH4** Same as B-0231 except with 4" wrist-action handles
- **B-0232** Same as B-0230 except with 6" (152 mm) swing nozzle
- B-0232-BST Same as B-0232 except with 1/2" BST built-in stops
- **B-0232-CC** Same as B-0232 except with 1/2" NPT CC male inlets
- B-0232-CC-CR Same as B-0232-CC except with ceramic cartridges
- **B-0232-M** Master Box (6)
- **B-0234-BST** Same as B-0234-EE except with 1/2" BST built-in stops
- **B-0234-EELN** Same as B-0234-EE except less nozzle
- **B-0265** Same as B-0230 except with 18" (457 mm) double-joint swing nozzle (068X)
- **B-0265-BST** Same as B-0265 except with 1/2" BST built-in stops
- **B-0266** Same as B-0230 except with 15" (381 mm) double-joint swing nozzle (067X)
- **B-0266-BST** Same as B-0266 except with 1/2" BST built-in stops
- **B-0267** Same as B-0230 except with 12" (305 mm) double-joint swing nozzle (066X)
- **B-0267-BST** Same as B-0267 except with 1/2" BST built-in stops
- **B-2299** Same as B-0230 except with 14" (356 mm) swing nozzle (063X)
- **B-2342** Same as B-0230 except with 10" (254 mm) swing nozzle (061X)
- **B-2358** Same as B-0230 except with 14" (356 mm) swing nozzle and B-0425 supply nipples with 1/2" NPT female short els

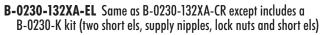
# B-0230-01 Double Pantry Faucet

- Wall-mounted mixing faucet
- 6" swivel cast spout (OSC6)
- Optional swivel/rigid washer included
- B-0199-01 aerator (2.2 GPM)
- Lever handles with color coded indexes
- 8" centers, adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- **B-0230-01-QT** Same as B-0230-01 except with quarter-turn spindle assemblies
- **B-0234-EE** Same as B-0230 except with 1/2" NPT EE male inlets with adjustable flanges

# B-0230-132XA-CR Double Pantry Faucet



- Swivel gooseneck (132X) with vandalresistant aerator (2.2 GPM)
- 8" centers with 1/2" NPT female eccentric flanged inlets, adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 4" (102 mm) wrist-action handles
- Optional swivel/rigid washer included



**B-0230-134XA-CR** Same as B-0230-132XA-CR except with 134X swivel gooseneck and lever handles



# **Swivel Pantry Faucets**

# B-0233-01 **Double Pantry Faucet**

- Wall mounted mixing faucet
- Lever handles
- 8" (203 mm) centers
- 1/2" NPT female eccentric flanged inlets, adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 6" (152 mm) soap dish nozzle (160X) with B-LT stream regulator



- **B-0233-02** Same as B-0233-01 except with 8" (203 mm) soap dish nozzle (161X)
- **B-0233-03** Same as B-0233-01 except with 12" (305 mm) soap dish nozzle (162X)
- **B-0233-04** Same as B-0233-01 except with 18" (457 mm) soap dish nozzle (163X)

# B-0240 **Double Pantry Faucet**

- Wall mounted mixing faucet with integral screwdriver stops
- 18" (457 mm) swing nozzle (065X) with B-PT stream regulator
- Lever handles
- Adjustable inlet arm centers from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- 1/2" NPT female flanged inlets



- **B-0241** Same as B-0240 except with 12" (305 mm) swing nozzle (062X)
- B-0242 Same as B-0240 except with 6" (152 mm) swing nozzle (059X)
- **B-0243** Same as B-0240 except with 6" (152 mm) cast nozzle (OSC6)
- **B-0343** Same as B-0240 except with swivel gooseneck (133X)

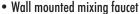
# B-0301 **Double Pantry Faucet**

- Deck-mounted faucet
- Swivel gooseneck (133X) with B-PT stream regulator
- Lever handles
- Single hole base faucet with 4" C/C spreader unit and 1" (25 mm) shank
- Fits sink up to 1-1/2" thick
- 1/2" NPT male inlets

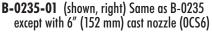


- **B-0301-01** Same as B-0301 except with B-0199-01 (2.2 GPM) aerator
- **B-0301-01-QT** Same as B-0301-01 except with quarter-turn cartridges. Includes swivel to rigid conversion lock washer
- B-0301-VR Same as B-0301 except with vandal-resistant lever handles and B-0199-06 (2.2 GPM) vandal-resistant aerator
- **B-0301-WH4** Same as B-0301 except with 4" (102 mm) wrist action handles

# B-0235 **Double Pantry Faucet**



- 18" (457 mm) swivel gooseneck (065X) with B-PT stream regulator
- Lever handles
- Centers adjustable from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- 1/2" NPT female eccentric flanged inlets





**B-0235-LNM** -LN Master Box (6)

**B-0236** Same as B-0235 except with 12" (305 mm) swing nozzle

**B-0236-M** Master Box (6)

**B-0237** Same as B-0235 except with 6" (152 mm) swing nozzle

**B-0341** Same as B-0235 except with swivel gooseneck (133X)

**B-0341-CCC** Same as B-0341 except with swivel gooseneck (131X) with B-PT stream regulator outlet, ceramic cartridges and 4" (102 mm) wrist action handles

# B-0306 Single Pantry Faucet

- Deck-mounted faucet
- Swivel gooseneck (133X)
- B-PT stream regulator
- Lever handle (specify hot or cold)
- 1/2" NPSM male shank
- 1/4" NPT union type tailpiece



**B-0308-QT** Same as B-0306 except with quarter-turn cartridges and 132X swivel gooseneck. Includes swivel to rigid conversion lock washer

### B-0312 Single Pantry Faucet

- Wall-mounted faucet
- Swivel gooseneck (133X)
- B-PT stream regulator
- Four-arm handle (specify hot or cold)
- 1/2" NPT female flanged inlet





# **Swivel Pantry Faucets**

# B-0316 Double Pantry Faucet

- Wall mounted mixing faucet
- Swivel gooseneck (133X), with 5-1/2" (140 mm) spread
- B-PT stream regulator
- Four arm handles
- 3" (76 mm) vertical centers
- 1/2" NPT female flanged inlet

B-0316-LN Same as B-0316 except without gooseneck



# B-0325 Double Pantry Faucet

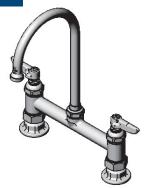
- Deck-mounted mixing faucet with 4" (102 mm) centers
- Swivel gooseneck (133X) with B-PT stream regulator
- Lever handles
- For supply nipples, specify B-0425
- 1/2" NPT female eccentric flanged inlets, adjustable from 3-3/4" (95 mm) to 4-1/4" (108 mm)



- **B-0325-A22** Same as B-0325 except with (2.2 GPM) B-0199-01 agrator
- B-0325-CC-CR Same as B-0325 except with 1/2" NPT CC male inlets and ceramic cartridges
- B-0325-CC-CR-WH4 Same as B-0325-CC-CR except with 4" (102 mm) wrist action handles
- **B-0325-CR** Same as B-0325 except with ceramic cartridges
- B-0325-LN Same as B-0325 except less nozzle
- B-0325-LNCC Same as B-0325 except with 1/2" NPT CC male inlets and less nozzle
- B-0325-WH4 Same as B-0325 except with 4" (102 mm) wristaction handles
- **B-0328-CR-VF05** Same as B-0325 except with 0.5 GPM non-aerated vandal-resistant outlet device, 4" (102 mm) wrist action handles and ceramic cartridges

# B-0321 Double Pantry Faucet

- Deck mounted mixing faucet
- Swivel gooseneck (133X) with B-PT stream regulator
- 8" centers
- Lever handles
- 1/2" NPT female eccentric flanged inlets, adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)



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 ceramic cartridges
 B-0321-NPL Same as B-0321 except with B-0425 supply nipple kit with 1/2" NPT male inlets

# B-0331 Double Pantry Faucet

- Deck-mounted mixing faucet
- Swivel gooseneck (133X) with B-PT stream regulator
- Lever handles
- 4" (102 mm) centers
- For supply nipples, specify B-0425
- 1/2" NPT female eccentric flanged inlets, adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)



- B-0331-BST Same as B-0331 except with 1/2" BST built-in stops
- **B-0331-CC** Same as B-0331 except with 1/2" NPT CC male inlets
- **B-0331-CR** Same as B-0331 except with ceramic cartridges
- B-0331-VF22-EL Same as B-0331 except with vandal-resistant aerator and B-0230-K installation kit

# B-0346 Double Pantry Faucet

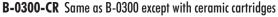
- Wall mounted mixing faucet with 4" (102 mm) centers
- Swivel gooseneck (133X) with 5-1/2" (140 mm) spread
- Lever handles
- B-PT stream regulator
- 1/2" NPT female eccentric flanged inlets, adjustable from 3-1/8" (79 mm) to 3-5/8" (92 mm)



# **Rigid Pantry Faucets**

### **B-0300 Double Pantry Faucet**

- Double pantry faucet, deck-mounted
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Lever handles
- Single hole base faucet with 4" (102 mm) spreader unit
- 1-1/8" (25 mm) shank
- Fits sink up to 1-1/2" thick
- 1/2" NPT male inlets
- Nut and tailpiece furnished for optional 1/4" NPT connections



- **B-0300-LN** Same as B-0300 except less nozzle
- B-0300-VR Same as B-0300 except with anti-rotation base and vandal-resistant aerator
- **B-0300-VR4** Same as B-0300-VR except with B-WH4 4" (102 mm) wrist action handles
- B-0300-WH4 Same as B-0300 except with 4" (102 mm) wrist action handles

# B-0310 **Single Pantry Faucet**

- Single pantry faucet, wall-mounted
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Four arm handle (specify cold or hot)
- 1/2" NPT female inlet

**B-0310-LN** Same as B-0310 except less nozzle

# B-0320 **Double Pantry Faucet**

- Deck mounted mixing faucet with 8" (203 mm) centers
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Lever handles
- 1/2" NPT female eccentric flanged inlets, adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- **B-0320-LN** Same as B-0320 except less nozzle



# B-0305 **Single Pantry Faucet**

- Single pantry faucet, deck-mounted
- Rigid gooseneck (120X), with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Lever handle (specify cold or hot)
- 1/2" NPSM male shank
- Nut and tailpiece furnished for optional 1/4" NPT connections



**B-0305-LN** Same as B-0305 except less nozzle

- B-0305-VR Same as B-0305 except with antirotation base and vandal-resistant aerator
- **B-0305-VR4** Same as B-0305-VR except with B-WH4 4" (102 mm) wrist action handles
- **B-0305-01** Same as B-0305 except with B-0199-02 aerator
- **B-0305-03** Same as B-0305 except with metering cartridge assembly and vandal-resistant aerator
- **B-0305-CR** Same as B-0305 except with ceramic cartridges
- B-0305-QT-WS Same as B-0305 except with quarter-turn cartridges and 1.5 GPM WaterSense aerator

# B-0315 **Double Pantry Faucet**

- Wall mounted vertical mixing faucet
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Four arm handles
- 3" (76 mm) vertical centers
- 1/2" NPT female inlets with flange







# **Rigid Pantry Faucets**

# B-0326 Double Pantry Faucet

- Deck-mounted mixing faucet
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Lever handles
- 4" (102 mm) centers
- 1/2" NPT female eccentric flanged inlets, adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)

**B-0326-LN** Same as B-0326 except less nozzle



# B-0340 Double Pantry Faucet

- Wall-mounted mixing faucet
- Rigid gooseneck (120X), with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Lever handles
- Adjustable inlet arms from 2-1/4" (57 mm) to 8-1/4" (210 mm) above or below C/C

**B-0340-LN** Same as B-0340 except less nozzle



## B-0345 Double Pantry Faucet

- Wall-mounted mixing faucet
- Rigid gooseneck (120X), with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Lever handles
- 3-3/8" (86 mm) centers
- 1/2" NPT female flanged inlets adjustable from 3-1/8" (79 mm) to 3-5/8" (92 mm)

B-0345-LN Same as B-0345 except less nozzle



# B-0330 Double Pantry Faucet

- Wall-mounted mixing faucet
- Rigid gooseneck (120X), with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Lever handles
- 8" (203 mm) centers
- 1/2" NPT female eccentric flanged inlets, adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)



- B-0330-01-WH4 Same as B-0330 except with rigid gooseneck (119X) and 4" (102 mm) wrist action handles
- B-0330-LN Same as B-0330 except less nozzle
- **B-0330-BST** Same as B-0330 except with 1/2" BST built-in stops
- B-0330CR-PRISON Same as B-0330 except with vandal resistant flow control aerator (1.0 GPM), vandal resistant lever handles and ceramic cartridges



# B-0342 Double Pantry Faucet

- Combination sink faucet, wall-mounted
- Rigid gooseneck (120X), with 5-1/2" (140 mm) spread
- B-LT stream regulator outlet
- Lever handles
- 1/2" NPT female inlets
- Adjustable inlet arms from 2-1/4" (57 mm) to 8-1/4" (210 mm) above or below C/C
- Includes built-in stops
- B-0342-LN Same as B-0342 except less nozzle
- B-0342CR-PRISON Same as B-0342 except with vandal resistant flow control aerator (1.0 GPM), vandal resistant lever handles and integral stops





### **Workboard Faucets**

# B-1100 Workboard Faucet, 3½" Centers

- Deck-mounted
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide
- 3-1/2" (89 mm) centers
- 1" (25 mm) shanks
- 1/2" NPT thread



- **B-1100-LNM** -LN Master Box (6)
- **B-1100-M** Master Box (6)
- **B-1101** Same as B-1100 except with 8" (203 mm) swing nozzle (060X)
- **B-1102** Same as B-1100 except with 10" (254 mm) swing nozzle (061X)
- **B-1103** Same as B-1100 except with 12" (305 mm) swing nozzle (062X)
- **B-1130** Same as B-1100 except with 18" (457 mm) double-joint swing nozzle (068X)
- **B-1140** Same as B-1100 except with swivel gooseneck (133X)

# B-1105 Workboard Faucet, 3½" Centers

- Splash back-mounted
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide
- 3-1/2" (89 mm) centers
- 1" (25 mm) shanks
- 1/2" NPT thread



**B-1105-LN** Same as B-1105 except without swing nozzle

**B-1105-LNM** -LN Master Box (6)

**B-1106** Same as B-1105 except with 8" (203 mm) swing nozzle (060X)

**B-1107** Same as B-1105 except with 10" (254 mm) swing nozzle (061X)

**B-1108** Same as B-1105 except with 12" (305 mm) swing nozzle (062X)

**B-1135** Same as B-1105 except with 18" (457 mm) double-joint swing nozzle (068X)

**B-1145** Same as B-1105 except with swivel gooseneck (133X)

# B-1110 Workboard Faucet, 4" Centers

- Deck-mounted
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide
- 4" (102 mm) centers
- 1" (25 mm) shanks
- 1/2" NPT thread



**B-1110-LN** Same as B-1110 except without swing nozzle

**B-1110-LN-WH4** Same as B-1100-LN except with 4" wrist action handles

**B-1110-LNM** -LN Master Box (6)

**B-1110-M** Master Box (6)

**B-1110-QT** Same as B-1110 except with quarter-turn spindle assemblies

**B-1110-XS** Same as B-1110 except with 2" (51 mm) shank

**B-1110-XS-LN** Same as B-1110-XS except less swing nozzle

**B-1110-XS-LNM** -XS-LN Master Box (6)

**B-1111** Same as B-1110 except with 8" (203 mm) swing nozzle (060X)

**B-1111-M** Master Box (6)

**B-1111-XS** Same as B-1111 except with 2" (51 mm) shank

**B-1112** Same as B-1110 except with 10" (254 mm) swing nozzle (061X)

**B-1112-M** Master Box (6)

**B-1112-XS** Same as B-1112 except with 2" (51 mm) shank

B-1113 Same as B-1110 except with 12" (305 mm) swing nozzle (062X)

**B-1113-M** Master Box (6)

**B-1113-XS** Same as B-1113 except with 2" (51 mm) shank

**B-1131** Same as B-1110 except with 18" (457 mm) double-joint swing nozzle (068X)

**B-1131-XS** Same as B-1131 except with 2" (51 mm) shank

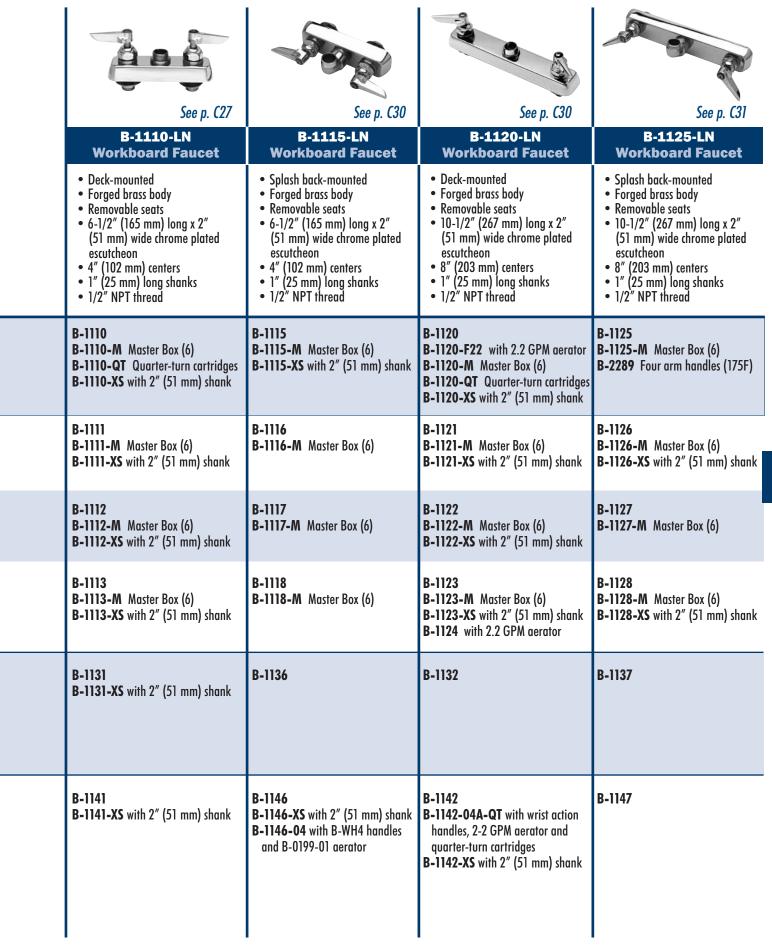
**B-1141** Same as B-1110 except with swivel gooseneck (133X)

**B-1141-XS** Same as B-1141 except with 2" (51 mm) shank



The B-1110-LN, B-1113 B-1120-LN and B-1123 series faucets are available with 2" (51 mm) long, shanks for mounting a counter tops, sinks, etcorder, add -XS to mod number. Ex.: B-1120-X  1-800-476-4103 (East 1-800-423-0150) (Web.)	5-LN lable 1/2" IPS on thick c. To Base Faucets st Coast)	See p. C27  B-1100-LN  Workboard Faucet  Deck-mounted Forged brass body Removable seats 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon 3-1/2" (89 mm) centers 1" (25 mm) long shanks 1/2" NPT thread	See p. C27  B-1105-LN  Workboard Faucet  Splash back-mounted Forged brass body Removable seats 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon 3-1/2" (89 mm) centers 1" (25 mm) long shanks 1/2" NPT thread	
Swing Nozzle	<b>059X</b> 6" (152 mm)	<b>B-1100</b> <b>B-1100-M</b> Master Box (6)	<b>B-1105 B-1105-M</b> Master Box (6)	
	<b>060X</b> 8" (203 mm)	B-1101	B-1106	
OUTLETS	<b>061X</b> 10" (254 mm)	B-1102 B-1102-M Master Box (6)	B-1107	
	<b>062X</b> 12" (305 mm)	<b>B-1103</b> <b>B-1103-M</b> Master Box (6)	B-1108	
Double-Joint Nozzle	<b>068X</b> 18" (457 mm)	B-1130	B-1135	
Swivel Gooseneck  OUTLETS  OUTLETS  OUTLETS	133X	B-1140	B-1145	





NEW

**Faucet** 

Models!

### **Workboard Faucets**

# B-1115 Workboard Faucet, 4" Centers



- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide
- 4" (102 mm) centers
- 1" (25 mm) shanks
- 1/2" NPT thread
- Lever handles
- **B-1115-LN** Same as B-1115 except without swing nozzle
- **B-1115-LNM** -LN Master Box (6)
- **B-1115-M** Master Box (6)
- **B-1115-XS** Same as B-1115 except with 2" (51 mm) shank
- **B-1116** Same as B-1115 except with 8" (203 mm) swing nozzle (060X)
- **B-1116-M** Master Box (6)
- **B-1117** Same as B-1115 except with 10" (254 mm) swing nozzle (061X)
- **B-1117-M** Master Box (6)
- **B-1118** Same as B-1115 except with 12" (305 mm) swing nozzle (062X)
- **B-1118-M** Master Box (6)
- **B-1136** Same as B-1115 except with 18" (457 mm) double-joint swing nozzle (068X)

# B-1142 Workboard Faucet, 8" Centers

- Deck-mounted with 8" (203 mm) centers
- Removable seats
- Swivel gooseneck (133X)
- B-PT stream regulator
- Chrome plated escutcheon, 10-1/2" (267 mm) long x 2" (51 mm) wide
- 1/2" NPT male shanks
- 1/2" NPT thread
- Lever handles



- 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-1120 Workboard Faucet, 8" Centers



NEW

**Faucet** 

Models!

- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator
- Chrome plated escutcheon, 10-1/2" (267 mm) long x 2" (51 mm) wide
- 8" (203 mm) centers
- 1" (25 mm) shanks
- 1/2" NPT thread
- Lever handles



**B-1120-LN** Same as B-1120 except without swing nozzle

B-1120-LN-WH4 Same as B-1120-LN except with 4" wrist-action handles

**B-1120-LNM** -LN Master Box (6)

**B-1120-M** Master Box (6)

**B-1120-QT** Same as B-1120 except with quarter-turn spindle assemblies

**B-1120-XS** Same as B-1120 except with 2" (51 mm) shank

**B-1120-XS-LN** Same as B-1120-XS except less swing nozzle

B-1120-XS-LNM -XS-LN Master Box (6)

**B-1121** Same as B-1120 except with 8" (203 mm) swing nozzle (060X)

**B-1121-M** Master Box (6)

**B-1121-XS** Same as B-1121 except with 2" (51 mm) shank

**B-1122** Same as B-1120 except with 10" (254 mm) swing nozzle (061X)

**B-1122-M** Master Box (6)

**B-1122-XS** Same as B-1122 except with 2" (51 mm) shank

**B-1123** Same as B-1120 except with 12" (305 mm) swing nozzle (062X)

**B-1123-M** Master Box (6)

**B-1123-XS** Same as B-1113 except with 2" (51 mm) shank

B-1132 Same as B-1120 except with 18" (457 mm) double-joint swing nozzle (068X)

## B-1148 Workboard Faucet

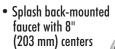
- Deck-mounted with forged brass body
- Removable seats
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 8" (203 mm) centers
- 1/2" NPT male shanks, 1" (25 mm) long
- B-2403 swing nozzle with B-0199-01 (2.2 GPM) aerator
- Lever handles



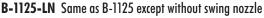


# **Workboard Bar / Sink Faucets**

# B-1125 Workboard Faucet, 8" Centers



- Removable seats
- 6" (152 mm) swing nozzle (059X)
- B-PT stream regulator
- Chrome plated escutcheon, 10-1/2" (267 mm) long x 2" (51 mm) wide
- 1" (25 mm) shanks
- 1/2" NPT thread
- Lever handles



- **B-1125-LNM** -LN Master Box (6)
- **B-1125-M** Master Box (6)

NEW

**Faucet** 

**Models!** 

- **B-1125-XS-HM** Same as B-1125 except with small gooseneck with 1.5 GPM vandal-resistant laminar flow aerator and quarter-turn spindle assemblies
- **B-1126** Same as B-1125 except with 8" (203 mm) swing nozzle (060X)
- **B-1126-M** Master Box (6)
- **B-1127** Same as B-1125 except with 10" (254 mm) swing nozzle (061X)
- **B-1127-M** Master Box (6)
- **B-1128** Same as B-1125 except with 12" (305 mm) swing nozzle (062X)
- **B-1128-M** Master Box (6)
- **B-1128-XS** Same as B-1128 except with 2" (51 mm) shank
- B-1137 Same as B-1125 except with 18" (457 mm) double-joint swing nozzle (068X)
- **B-1147** Same as B-1125 except with swivel gooseneck (133X)
- **B-2289** Same as B-1125-LN except with four-arm handles (175F)
- **B-2291** Same as B-1125 except with 14" (356 mm) swing nozzle with B-0199-01 aerator

# B-1146 Workboard Faucet, 4" Centers

- Splash back-mounted faucet with 4" (102 mm) centers
- Removable seats
- Swivel gooseneck (133X)
- B-PT stream regulator
- Chrome plated escutcheon, 6-1/2" (165 mm) long x 2" (51 mm) wide
- Lever handles
- 1" (25 mm) shanks
- 1/2" NPT thread
- B-1100-K elbow kit with (2) 1/2" NPT male 90° elbows (sold separately)



- **B-1146-01** Same as B-1146 except with 131X swivel gooseneck with B-PT stream regulator outlet
- **B-1146-01A** Same as B-1146-01 except with B-0199-01 (2.2 GPM) aerator
- B-1146-01A-W4EK Same as B-1146-01A except with 4" wrist action handles and B-1100-K kit 90° elbows with 1/2" NPT male inlets
- **B-1146-01-WS** Same as B-1146-01 except with WaterSense (1.5 GPM) aerator
- **B-1146-02A** Same as B-1146-01A except with (2) 150A optional tailpieces and nuts for 1/4" NPT connections
- B-1146-02A-WH4 Same as B-1146-02A except with 4" (102 mm) wrist action handles
- **B-1146-04** Same as B-1146-01A except with 4" (102 mm) wrist action handles and (2) 150A optional tailpieces and nuts for 1/4" NPT connections
- B-1146-WS Same as B-1146 except with WaterSense (1.5 GPM) aerator
- **B-1146-XS** Same as B-1146 except with 2" (51 mm) shank

Notes Notes		

# **Workboard Bar / Sink Faucets**

### B-1151 Workboard Faucet

- Deck-mounted
- Forged brass body
- Removable seats
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 4" (102 mm) centers
- 1" (25 mm) long shanks with 1/2" NPT threads
- 8" (203 mm) swing nozzle; can be furnished with 6" (152 mm), 10" (254 mm) or 12" (305 mm) upon request
- B-LT stream regulator
- Positive diverter
- Protective flange (B-KF) for sheet metal up to .100" (3 mm) thick.
   Specify B-KG for .090" (2 mm) to .187" (5 mm) thick
- Flexible stainless steel hose 013E-48 48" (1219 mm) length (longer lengths available upon request)
- Spray valve (002857-40)



- **B-1152** Same as B-1151 except 8" (203 mm) inlet centers, and escutcheon is 10-1/2" (267 mm) long x 2" (51 mm) wide
- B-1152-092A Same as B-1152 except with 092A spray valve with brush
- B-1152-092A-VB Same as B-1152-092A except with B-0970-FE vacuum breaker

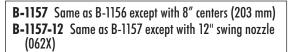
### B-1177 Workboard Faucet

- Deck-mounted with forged brass body
- Removable seats
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 4" (102 mm) centers
- 1/2" NPT male shanks, 1" (25 mm) long
- Built-in diverter
- Self-closing spray valve
- 4 ft. (1.2 m) reinforced vinyl hose and hose guide
- B-0405-03 rigid vacuum breaker nozzle
- B-LT stream regulator
- Lever handles



# B-1156 Workboard Faucet

- Splash back-mounted
- Forged brass body
- Removable seats
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 4" (102 mm) centers
- 1" (25 mm) long shanks with 1/2" NPT threads
- 8" (203 mm) swing nozzle; can be furnished with 6" (152 mm), 10" (254 mm) or 12" (305 mm) upon request
- B-LT stream regulator
- Positive diverter
- Protective flange (B-KF) for sheet metal up to .100" (3 mm) thick.
   Specify B-KG for .090" (2 mm) to .187" (5 mm) thick
- Flexible stainless steel hose 013E-48 48" (1219 mm) length (longer lengths available upon request)
- Spray valve (002857-40)



# B-1171 Workboard <u>Faucet</u>

- Deck-mounted faucet with forged brass body
- Removable seats
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 4" (102 mm) centers
- 1" (25 mm) long shanks, 1/2" NPT male
- 8" (203 mm) swing nozzle
- B-PT stream regulator
- Built-in diverter
- Self-closing spray valve `
- 4 ft. (1.2 m) reinforced vinyl hose and hose guide



NEW

Models!

- **B-1171-07** Same as B-1171 except with 7 ft. (2134 mm) hose **B-1172** Same as B-1171 except 8" (203 mm) centers
- **B-1172-01-CD** 8" (203 mm) deck-mount faucet, 133X gooseneck, 4" (102 mm) wrist-action handles; includes sidespray with rosespray outlet
- **B-1172-07** Same as B-1172 except with 7 ft. (2134 mm) hose
- **B-1173-101-48H** Same as B-1172 except with spray valve with 013E-48H hose

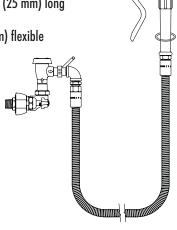


# **Workboard Bar / Sink Faucets**

## B-1193 Workboard Faucet

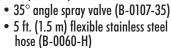
### **NEW** Workboard Faucet model

- Wall-mounted with forged brass body
- Removable seats
- B-0413 swivel to rigid adapter
- 6-1/2" (165 mm) long x 2" (51 mm) wide chrome plated escutcheon
- 4" (102 mm) centers
- 1/2" NPT male shanks, 1" (25 mm) long
- EB-0107 spray valve
- EB-0072-H 72" (1829 mm) flexible stainless steel hose
- B-0968 vacuum breaker
- Lever handles



## B-2346 Workboard Faucet

- Deck-mounted
- Forged brass body
- 8" (203 mm) centers
- 1/2" NPT threads
- Swivel gooseneck
- Vacuum breaker on nozzle outlet with garden hose threads (B-0972)
- 4" (102 mm) wrist-action handles



 Protective flange (B-KF) for sheet metal up to .100" (3 mm) thick



### **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
- Models available with a conversion adapter that reduces a 2" drain outlet to a 1-1/2" outlet
- · Master Packs available

# B-3940 Waste Valve with Twist Handle

# B-3960 Waste Valve with Lever Handle



Model	Sink Opening	Drain Outlet
B-3940	3″	1-1/2" or 2"
B-3940-01	* 3"	1-1/2" or 2"
B-3942	3"	2"
B-3942-01	* 3"	2"
B-3950	3-1/2"	1-1/2" or 2"
B-3950-01	* 3-1/2"	1-1/2" or 2"
B-3952	3-1/2"	2"
B-3952-01	* 3-1/2"	2"

<sup>\* &</sup>quot;-01" models include an overflow assembly

# Waste Valve with Twist and Lever Handles:

- Valve bodies come standard with a 2" outlet
- Also available with reducer that allows for a 1-1/2" or 2" outlet
- 3" (76 mm) or 3-1/2" (89 mm) sink opening applications

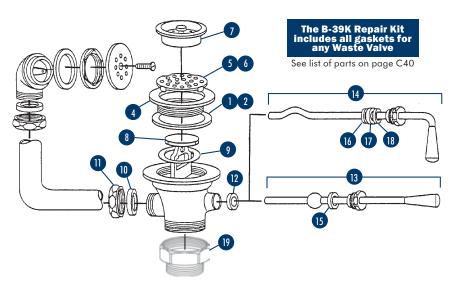


Model S	Sink Opening	Drain Outlet
B-3960	3″	1½" or 2"
B-3960-01*	' 3"	1½" or 2"
B-3962	3″	2"
B-3962-01*	3″	2"
B-3970	31/2"	1½" or 2"
B-3970-01*	31/2"	1½" or 2"
B-3972	31/2"	2"
B-3972-01*	31/2"	2"

<sup>\* &</sup>quot;-01" models include an overflow assembly



# **Waste Valves with Twist Handle or Lever Handle**



	No.	Part No.	Description	
I	1		3" Head Gask	
			21/// 11 1 C -	

1		3" Head Gasket*	
2		3½" Head Gasket*	
4	010384-45	3½" Head Flange	
5	010385-45	3" Strainer, Flat	
6	010386-45	3½" Strainer, Flat	
7	010387-45	3½" Crumb Cup Strainer	
8	010388-45	Plunger	
9		'O'-Ring*	
10		Coupling Washer*	
11	010391-45	Coupling Nut	
12		Drain Bushing*	
13	010394-45	Lever Handle Assembly	
14	010393-45	Twist Handle Assembly	
15		Lever Handle Shaft Bushing*	
16		Twist Handle C-Ring*	
17	17 Twist Handle Washer*		
18		Twist Handle 'O'-Ring*	
19	B-3945	Adapter (converts 2" NPT male to 11/2" NPT male)	

<sup>\*</sup> These parts are included in the B-39K Repair Kit

# Model Specifications for Waste Valves/Twist or Lever Handles

Model Sin	k Opening	Drain Outlet	Over-Flow Out
B-3940	3"	1½" or 2"	Optional
B-3940-01	3"	1½" or 2"	Included
B-3942	3″	2"	Optional
B-3942-01	3″	2"	Included
B-3950	31/2"	1½" or 2"	Optional
B-3950-01	31/2"	1½" or 2"	Included
B-3952	31/2"	2"	Optional
B-3952-01	31/2"	2"	Included
B-3960	3"	1½" or 2"	Optional
B-3960-01	3"	1½" or 2"	Included
B-3962	3"	2"	Optional
B-3962-01	3"	2"	Included
B-3970	31/2"	1½" or 2"	Optional
B-3970-01	31/2"	1½" or 2″	Included
B-3972	31/2"	2"	Optional
B-3972-01	31/2"	2"	Included

Note: Adding "-01" includes overflow tube and head

# **B-3950-01-SB** Same as B-3950-01 except with removable strainer basket

B-3950-SB Same as B-3950 except with removable strainer basket

B-3950-VR Same as B-3950 except with vandalresistant flat strainer

**B-3950-XS** Same as B-3950 except with short twist

B-3952-VR Same as B-3950 except with vandalresistant flat strainer

B-3970-VR Same as B-3970 except with vandalresistant flat strainer

**B-3999-OF-XL** with extra-long overflow elbow tube, 24" x 24" long, chrome plated brass (011355-45XL)

### **Waste Valve Accessories**

### 010387-45 Basket Strainer

 Available on all 3-1/2" models as a modification

Also available: **Flat Strainer** — 3" (010385-45) 3-1/2" (010386-45)



# 010393-45XS Short Handle Assembly

## NEW!

Short twist waste valve handle assembly



# **B-3999-OF Overflow Assembly**

- Available on all waste valve models
- All "-01" models include the overflow assembly

For ex.: **B-3940<u>-01</u>**• Tube only: (011355-45)

• Head only: (011356-45)

# 010394-45XS Short Handle Assembly

# **NEW!**

Short lever waste valve handle assembly





Waste Valves!

Models!

# **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
- 1-vear warrantv

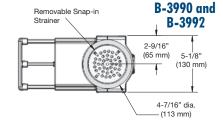
## **B-3990 Modular Waste Valve**

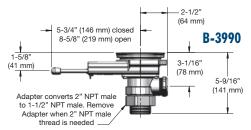
- Modular design for easy installation and maintenance
- For 3-1/2" sink opening
- 2" NPT female x 1-1/2" NPT male adapter
- **B-3990-BSP** Same as B-3990 except with 1-1/2" BSP male adapter
- B-3990-3X Same as B-3990 except includes 3" handle extension kit
- B-3990-5X Same as B-3990 except includes 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)





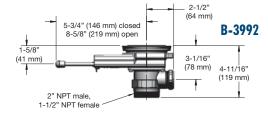


# B-3992 **Modular Waste Valve**

- Modular design for easy installation and maintenance
- For 3-1/2" sink opening
- 2" NPT male x 1-1/2" NPT female 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-BSP Same as B-3990-01 except with 1-1/2" BSP 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-3990-01-BSP3X Same as B-3990-01-BSP except includes 3" handle extension kit B-3990-01-BSP5X Same as B-3990-01-BSP 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 x 1-1/2" NPT female adapter



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 all Modular Waste Valves
- Helps installation of both 3" and 3-1/2" drains
- Can order this part separately



Modular

Models!

# **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

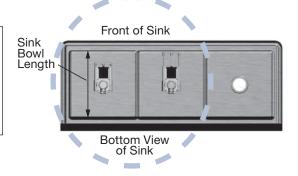
# **B-3990-3KIT** 3" Handle Extension Kit

- 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"

Sink Bowl Length (Front to back measure- ment of Sink Bottom)	3" Handle Extension	5" Handle Extension	
18"	Optional (not needed)	Optional (not needed)	
20"	Recommended	Optional (not needed)	
24"	Recommended	Optional (not needed)	
28"	Not recommended	Recommended	

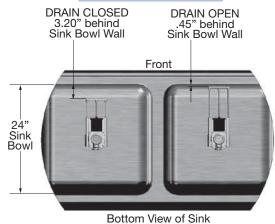


# **Recommended Extension Kits for the Modular Waste Valves Based On Popular Sink Bowl Length**

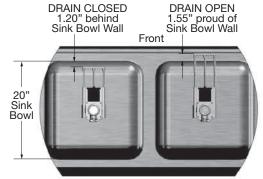
# 18" Sink Length with NO Handle Extension

# DRAIN CLOSED 3.19" behind Sink Bowl Wall DRAIN OPEN .44" behind Sink Bowl Wall Front 18" Sink Bowl Bottom View of Sink

# 24" Sink Length with 3" Handle Extension

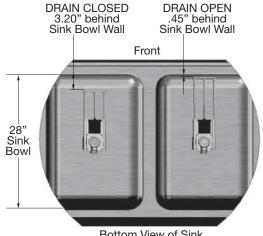


# 20" Sink Length with 3" Handle Extension



Bottom View of Sink

#### 28" Sink Length with 5" Handle Extension



Bottom View of Sink



# **Parts and Repair Kits**

Note: some individual items listed in parts kits may be ordered separately. Contact our customer service representatives for availability.

# **B-5K B-0230 Faucet Repair Kit**

- Parts include:
  - 1 (015294-40) Right hand spindle
  - (015295-40) Left hand spindle
  - 6 (000761-20) Removable seats
  - 4 (000933-45) Seat screws
  - 12 (000976-45) Washers
  - 12 (009635-45) Bonnet washers
  - 12 (002726-45) Washers
  - 22 (009649-45) Seat washers
  - 1 (010197-25) Big-Flo Bonnet Asy. includes:

24 (001075-45) '0'-rings 12 (009752-45) Washers 12 (009750-25) Dome packings

Note: used on B-0230 spindles prior to barrel type assemblies



- Parts include:
  - 12 (000788-20) Right hand Eterna inserts
  - (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
- 32 (001092-45) Seat washers
- 25 (001074-45) Swing nozzle 'O'-rings 50 (001098-45) Packings

# **B-11K Eterna Cartridge Spindle Kit**

- Parts include:
  - (000811-25) Right hand spindle insert
  - (000812-25) Left hand spindle insert
  - (000933-45) Seat washer screws
  - 2 (009841-45) Seat washers



# **B-13K Spring Check Spindle Assembly Kit**

- Parts included:
  - 1 (001907-25) Right hand spindle insert
  - Left hand spindle insert (001908-25)
  - 2 (003164-45) Seat washer spring
    - check
  - 2 (001479-45) Spring check spring



# **B-6K Eterna Spindle Parts Kit**

- Parts include:
  - (000788-20) Right hand Eterna insert
  - Left hand Eterna insert (000789-20)
  - (000811-25) Right hand spindle insert
- (000812-25) Left hand spindle insert
- (000933-45) Seat washer screws
- 10 (001022-45) Gaskets
- 12 (002601-45) Gaskets
- 22 (001092-45) Seat washers



- Parts include:
  - 1 (001637-45) Lever handle hot
  - (001636-45) Lever handle cold
  - (001661-45) Index button, red, cold
- 1 (001660-45)Index button, blue, cold
- Lever handle screws 2 (000922-45)



# **B-12K B-1100 Spindle Parts Kit**

- Parts include:
  - 1 (000800-25) Right hand spindle
  - 1 (000801-25) Left hand spindle
  - 2 (000933-45) Screws
  - 2 (009841-45) Seat washers



# **B-17K Old Style B-0230 Spindle Kit**

- Parts include:
  - 1 (009194-25) Right hand spindle 1 (009195-25) Left hand spindle
  - 2 (000933-45) Screws

  - 2 (009649-45) Seat washers



# **Eterna and Cerama Cartridges and Push Button and Wrist-Action Metering Cartridges**

Our longstanding Eterna spindle assemblies are the standard on many T&S faucets and fittings. Our Cerama cartridges are designed for water conservation and are included in many new T&S foodservice and plumbing models. Look for the "-CR" suffix on our model numbers.

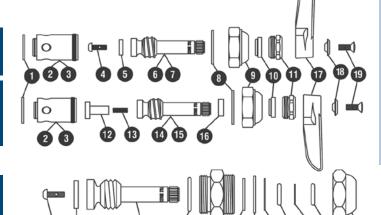


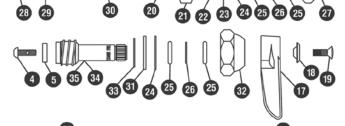
Eterna Cartridge with Spring Check

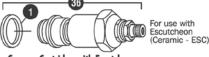


B-1100 Series









Cerama Cartridge with Escutcheon





#### **For Standard Faucets**

Ref. Part No. Hot Side 002714-40 Cold Side 002713-40

### For Standard Faucets - No Handle

Ref. Part No. Hot Side 005960-40 Cold Side 005959-40

#### For Pre-Rinse Units

Ref. Part No. Hot Side 002712-40 Cold Side 002711-40

### For Pre-Rinse Units - No Handle

Ref. Part No. Hot Side 012443-40 Cold Side 012442-40

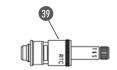
Ref. Part No. Hot and Cold Side 006482-40

Ref. Part No. Hot Side 002710-40 Cold Side 002709-40

For use without Escutcheon (Ceramic - NO ESC)



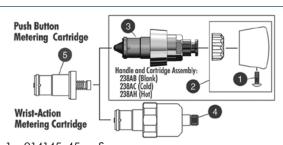
**Cerama Cartridge with Bonnet** and Handle (handle not shown)



**Cerama Cartridge without Bonnet** 

# 238A Push Button and Wrist-Action Metering Cartridges

See page C40 for metering cartridge repair kit (B-238RK)



014145-45 Screw 014193-40

Push Button Handle, Screw and Insulator (Blank) 014194-40 Push Button Handle, Screw and Insulator (Cold) 014195-40 Push Button Handle, Screw and Insulator (Hot)

238A Push Button Metering Cartridge 012449-40 Wrist-Action Metering Cartridge 014152-40 Common Metering Barrel Assembly

# **Cerama Cartridge with Eterna Escutcheon Bonnet**

011616-25 011617-25 Cold 011618-25 Hot with Check Valve 011619-25 Cold with Check Valve

#### **Cerama Cartridge with Bonnet**

011278-25 Hot 011279-25 Cold 012394-25 Hot with Check Valve 012395-25 Cold with Check Valve

# **Cerama Cartridge with Bonnet and Handle**

012444-25 Hot 012445-25 Cold

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

# **Cerama Cartridge without Bonnet**

011276-45 Hot 011277-45 Cold

011311-25 Hot with Check Valve 011312-25 Cold with Check Valve

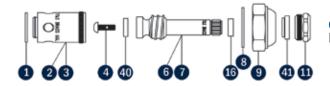


# **Quarter-Turn Hot and Cold Spindle Assemblies**

Quarter-turn 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.



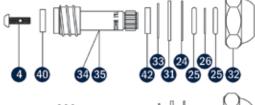




#### **Quarter-Turn Eterna**

Ref. Part No. Hot Side 006010-40QT Cold Side 006009-40QT

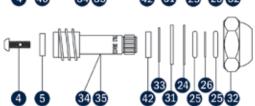




#### **B-2346 Quarter-Turn**

Ref. Part No. Hot Side 009423-40QT Cold Side 009424-40QT





#### **B-1100 Series Quarter-Turn**

Ref. Part No. Hot Side 009753-40QT Cold Side 009754-40QT

1	001022-45	Bottom Gasket	19	000922-45	Lever Handle Screw
2	000788-20	Removeable Insert (Hot) 64L	20	002721-45	'O'-Ring
3	000789-20	Removeable Insert (Cold) 66L	21	000685-20	Removeable 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	27	009750-25	Bonnet
10	013430-45	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
15	001908-25	Spindle (Cold) 263L	33	000986-45	Brass Washer
16	001466-20	Quarter-Turn Sleeve	34	000801-25	Spindle (Cold)
17	001638-45	Lever Handle, Blank	35	000800-25	Spindle (Hot)
	001637-45	Lever Handle, Hot			. , ,
	001636-45	Lever Handle, Cold	40	001136-45	Teflon Washer
18	001661-45	Index, Red, Hot	41	001098-45	Bonnet Washer
	001660-45	Index, Blue, Cold	42	018163-20	Washer



Quarter-Turn Spindle Assemblies



# **Parts and Repair Kits**

Note: some individual items listed in parts kits may be ordered separately. Contact our customer service representatives for availability.

## B-19K Four Arm Handle Kit – Kitchen

Parts include:

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



# B-20K B-1100 Faucets Parts Kit

• Parts include:

1 (000800-25) Right hand spindle

1 (000801-25) Left hand spindle

4 (000933-45) Seat washer screws

2 (000986-45) Bonnet washers

2 (002726-45) Bonnet washers, st. steel

2 (001074-45) 'O'-rings

4 (009841-45) Seat washers

2 (009637-45) Bonnet washers

4 (010196-25) B-1100 Bonnet Asy.

(includes 'O'-Rings and Washer)

### B-0230-KIT Parts Kit

- Parts included:
- 2 1/2" inlet shanks and close elbows —inlet assembly kit (2 sets per kit)
- 1 24" flexible supply hose (two sets per kit)



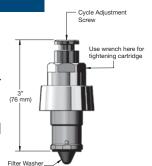
## B-238RK 238A Metering Cartridge Repair Kit

- Parts included (for Push Button, Wrist Action and Pivot Action):
  - 1 (010150-45) Top washer

1 (017182-45) Bottom seal filter washer

1 (009391-45) '0'-ring

1 (012596-45) Bottom stem seal



## **B-23K**

# Spring Check Spindle Assembly Replacement Kit

- Parts include:
  - 1 (002711-40) Left hand Eterna spindle with spring check
  - 1 (002712-40) Right hand Eterna spindle with spring check



# B-39K Waste Valve Repair Kit

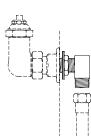
- Parts included:
  - 1 3-1/2" Head aasket
  - 1 3" Head gasket
  - 1 Plunger 'O'-ring
  - 1 Outlet coupling washer
- I Drain bushing
- 1 Twist handle washer
- 1 Twist handle 'O'-Ring
- 1 Twist handle 'C'-ring
- 1 Lever handle bushing

### B-0230-K Parts Kit

• Includes:

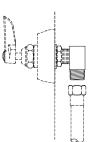
1/2" NPT

Supply nipple,
lock nut
and washer
1/2" NPT
Male x
Female
short EL



### B-1100-K Parts Kit

 Includes: 1/2" NPT Male x Female short EL



# 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





D Institutional, Medical and Lab Products











# **G-10** General Product Catalog

### **Table of Contents**

# Institutional, Medical and Lab Products – D

Single Lever Faucets	1-5
<ul> <li>Single Lever Faucets, Deck and Side Mount, Centerset, Swivel and Rigid Gooseneck Assemblies</li> </ul>	
ChekPoint™ Electronic Faucets De	5-12
<ul> <li>ChekPoint<sup>™</sup> Electronic Sensor Faucets         Deck, Wall and Side Mount, Rigid         Gooseneck and Cast Spout Assemblie         NEW MODELS! Electronic Faucets</li> </ul>	
Medical and Lavatory FaucetsD1	3-27
Centerset Faucets with or without	13-15, 19-20 16-18, 21 D22-23 D23-25 D26 D27
Pedal Valves, Dummy Goosenecks and Bubblers	8-31
<ul><li>Single and Double Pedal Valves</li><li>Knee Valves</li><li>Dummy Goosenecks</li><li>Bubblers</li></ul>	D28-29 D29 D30-31 D31
Service Sink and Sill Faucets	33-40
<ul> <li>Service Sink Faucets with Vacuum Breakers</li> <li>Service Sink Faucets with Built-In Stop</li> <li>Service Sink Faucet Accessories</li> <li>Sill and Heavy Duty Sink Faucets</li> </ul>	D33-38 s D33-38 D39 D39-40
Medical Bedpan Washers D4	11-43
Bath and Shower	14-49
<ul> <li>Bath and Shower Combinations</li> <li>Concealed Bypass Mixing Valves</li> <li>Concealed Single Valves</li> <li>Accessories and "Shower Queen"</li> </ul>	D48 D44 D44

Personal Spray Assemblies

**NEW!** Pressure Balancing Shower Valves D3, 46-47



Vacuum Breaker Assemblies <b>D50</b>	
Laboratory Products D51-	64
<ul> <li>Lab Hose Cocks and Turrets</li> <li>Panel Flanges</li> <li>Stops</li> <li>Remote Control Valve Units</li> <li>Fume Hood Fittings</li> <li>Fittings, Support Rods and Accessories</li> <li>Lab Faucets, Double and Single Ledge, Combination Faucets, Single Temperatu Faucets and Lab Accessories</li> </ul>	D51-53 D53 D53 D54 D54 D55-56
Stops and Supplies D64-	-65
<ul> <li>Straight and Angle Loose Key Stops</li> </ul>	
Parts Kits D65-	67
Faucet Fittings D68-	-78
<ul> <li>Nozzles, Goosenecks, Spouts, Aerators, Outlets, Handles, Conversion Adapters, Quick-Connections, Supplies, Risers and Connectors, Inlets, Inlet Extensions, Outl and Wall Hooks</li> <li>NEW! Low Flow Aerators/Outlets</li> </ul>	
*	
<ul> <li>Water Conservation Models D79-</li> <li>The T&amp;S Commitment to Water Conservation</li> <li>T&amp;S Water-Saving Plumbing Models</li> </ul>	

### NOTE

D45, 48-49

A comprehensive Index By Model or Part Number and Page can be found in the **G-10 General Product Catalog** "Master Index" section (IN).









### **T&S Brass is Pleased To Introduce**

# **Our Extended Line of High-Quality Shower Valve Products**



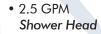
**B-3200** 

When you choose a **T&S Brass** product, you know you've chosen one with **Reliability Built In<sup>TM</sup>**.

We are pleased to present our new Pressure Balancing Shower Valve product line which includes various combinations of products to meet your specific needs:

 A solid brass Pressure Balancing Shower Valve, along with a selection

of trims and other components



- Solid brass Tub Spout
- Removable Hand-held Spray with flow control adjustment (from 0.5 GPM to 2.0 GPM)

Our Pressure Balancing Shower Valve features a solid brass

construction with replaceable ceramic cartridge, integral supply stops, ½" sweat connections and adjustable temperature limit stop. In addition to these features, it is ASSE 1016 Listed and ADA Compliant. It can be ordered alone for roughin applications. The trim kit and other components can also be ordered separately to suit your installation requirements.



- Solid brass Tub Spout with Diverter Lift Knob in a polished chrome finish
- Ceramic Cartridge with rotary actuation and adjustable temperature limit stop
- Polished chrome 2.5 GPM Shower Head
- Polished chrome Rotary Handle
- Polished chrome Faceplate with screws and gasket





Pressure Balancing Shower Valve B-3204-PBV

Check out our
NEW B-3300 Series
Pressure Balancing
Shower Valve
Assemblies,
now with threaded
connections!

See pages D46-47 for more information about these new models



### Models available: B-3200 Pressure balancing shower valve, 2.5 GPM shower head and tub spout B-3201 Pressure balancing shower valve and 2.5 GPM shower head B-3204 Pressure balancing shower valve with trim plate and handle **B-3204-PBV** Pressure balancing shower valve only B-3205 Pressure balancing shower valve and hand-held spray assembly Includes B-3201 shower valve/shower head, B-1097 diverter valve B-3206 and B-0925 Shower Queen spray assembly with grab bar Includes B-3206 and a B-0970-VB attached to Shower Queen hose B-3206-VB

Spare Parts and Accessories:				
017439-45	17439-45 Solid brass tub spout with diverter lift knob, polished chrome finish			
017441-45	Ceramic cartridge, rotary actuation with adjustable temperature limit stop			
017442-45	Polished chrome shower head with ball joint, arm and wall flange assembly			
017443-45	Polished chrome rotary handle			
017444-45	Polished chrome face plate with screws and gasket			

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

2 Saddleback Cove • P.O. Box 1088 Travelers Rest, SC 29690 Phone 864.834.6715 • Fax 864.834.3518

# Tas

### **Single Lever Faucets**

### **NEW MODELS!**

All models have: • Temperature limit stops

Ceramic Cartridge with 2-year warranty



### B-2711 Single Lever Faucet

- Forged brass body
- 4" (152 mm) centerset faucet
- 4" (152 mm) handle
- 1/2" NPSM male inlet shanks
- 2.2 GPM aerator



**B-2710** Same as B-2711 except with pop-up drain assembly

B-2710-LH Same as B-2710 except with 6" (152 mm) long handle

B-2711-LH Same as B-2711 except with 6" (152 mm) long handle

B-2710-WS Same as B-2710 except with low-flow aerator (1.5 GPM)

**B-2711-WS** Same as B-2711 except with low-flow aerator (1.5 GPM)

**B-2710-F05** Same as B-2710 except with non-aerated spray device (0.5 GPM)

**B-2710-VF05** Same as B-2710 except with vandal-resistant non-aerated spray device (0.5 GPM)

B-2711-F05 Same as B-2711 except with non-aerated spray device (0.5 GPM)

**B-2711-VF05** Same as B-2711 except with vandal-resistant non-aerated spray device (0.5 GPM)

### B-2741 Single Lever Faucet

- Single lever side mount base faucet
- Rigid gooseneck assembly with B-0199-07 aerator
- Two (2) 17" long flexible supply hoses with 3/8" compression fittings



### B-2743 Single Lever Faucet

- Single lever side mount base faucet
- Swivel gooseneck assembly with B-0199-06 aerator
- Two (2) 17" long flexible supply hoses with 3/8" compression fittings
- Integral diverter for water flow through sidespray or gooseneck



### B-2730 Single Lever Mixing Faucet

- Forged brass body
- 4' (.9 m) sidespray and hose
- 9" swivel spout
- 16" long flexible supply hoses with 3/8" compression fittings
- Chrome plated deckplate



**B-2730-07** Same as B-2730 except with 7' hose on sidespray

**B-2730-3H** Same as B-2730 except with 4' hose on sidespray

**B-2730-LH** Same as B-2730 except with 6" (152 mm) long handle

B-2730-WS Same as B-2730 except with low-flow aerator (1.5 GPM)

**B-2731** Same as B-2730 except less sidespray

**B-2731-LF15** Same as B-2731 except with vandal-resistant laminar flow device (1.5 GPM)

B-2731-LH Same as B-2711 except with 6" (152 mm) long handle

**B-2731-VF05** Same as B-2731 except with vandal-resistant spray device (0.5 GPM)

**B-2731-WS** Same as B-2730 except with low-flow aerator (1.5 GPM)

### B-2742 Single Lever Faucet

- Single lever side mount base faucet
- Swivel gooseneck assembly with B-0199-06 aerator
- Two (2) 17" long flexible supply hoses with 3/8" compression fittings
- **B-2742-A22** Same as B-2742 except with aerator (2.2 GPM)
- **B-2742-LF05** Same as B-2742 except with aerator (0.5 GPM)
- **B-2742-LH** Same as B-2742 except with long handle

### B-2744 Single Lever Faucet

- Single lever side mount base faucet
- Rigid gooseneck assembly with B-0199-06 aerator
- Two (2) 17" long flexible supply hoses with 3/8" compression fittings
- Integral diverter for water flow through sidespray or gooseneck

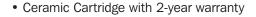




### **Single Lever Faucets**

### **NEW MODELS!**

All models have: • Temperature limit stops





### B-2701 Single Lever Faucet

- Single lever faucet with rigid base
- Ceramic catridge with temperature limit adjustment
- 2.2 GPM aerator
- 3/8" compression female flexible stainless steel supplies
- **B-2701-AR** Same as B-2701 except with vandal-resistant aerator
- **B-2701-VF05** Same as B-2701 except with vandal-resistant non-aerated spray device (0.5 GPM)
- **B-2701-VR** Same as B-2701 except vandal-resistant aerator (2.2 GPM)



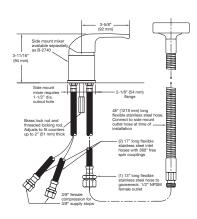
### B-2703 Single Lever Faucet

- Single lever faucet with rigid base
- 6" deck plate (4" c/c)
- Ceramic catridge with temperature limit adjustment
- 2.2 GPM gergtor
- 3/8" compression female flexible stainless steel supplies
- **B-2703-LF15** Same as B-2703 except with laminar flow device (1.5 GPM)
- **B-2703-VF05** Same as B-2703 except with vandalresistant non-aerated spray device (0.5 GPM)



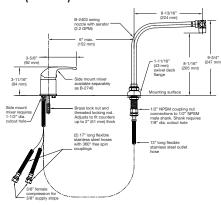
### B-2745 Side Mount Faucet

- Side mount mixing faucet with B-2740 side mount base
- B-1000 48" flexible stainless steel hose and spray assembly



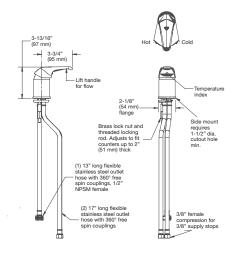
### B-2746 Side Mount Faucet

- Side mount faucet with single lever base mixing faucet
- 3/8" compression female flex stainless steel supplies
- B-2403 swing nozzle with aerator (2.2 GPM)



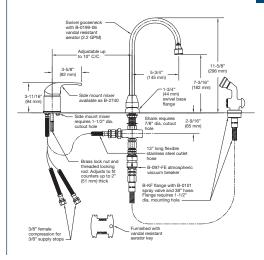
### B-2740 Side Mount Faucet

- Side mount faucet with remote on/off control base
- Flexible stainless steel water connectors



# B-2749 Side Mount Faucet with Remote Control Base

- Side mount mixing faucet with remote control base
- 3/8" compression female flex stainless steel supplies
- Swivel gooseneck with vandal-resistant aerator (2.2 GPM)
- Under the counter vacuum breaker (B-0970-FE) on hose
- Countertop mounted spray valve (B-0101) with 38" stainless steel hose (under the counter)





### Our Extended Line of ChekPoint™ Electronic Faucets

There are many more options to choose from with our water-saving T&S ChekPoint™ Electronic Sensor Faucets!

Along with ease of installation and a convenient AC/DC control module, **new options** are available to customize **ChekPoint** faucets:



- -HG Hydro-generator option (all models)
- -LF22 2.2 GPM vandal-resistant laminar flow option (all models)
- -LF05 0.5 GPM vandal-resistant laminar flow option (all models)
- -LN Less nozzle option (EC-3100, EC-3101 faucet bodies)
- -SB Surgical Bend Gooseneck option (EC-3100, EC-3101)
- -SM Side-mount option (EC-3100, EC-3102)
- -SMT Side mount with thermostatic valve option (EC-3100, EC-3102)
- -TMV Below deck thermostatic mixing valve option (all models)

Our EC-3100 deck-mounted or EC-3101 back splash-mounted models allow you to specify any T&S rigid gooseneck you require.

Our EC-HARDWIRE and EC-EASYWIRE allow you to gang up to eight ChekPoint faucets while using only one power supply.

Our EC-3106 Electronic Faucet has a unique dual mode feature allowing for either electronic or manual operation.

### **ChekPoint Faucets** – Reliable By Design

### Standard Features

- · Hands-free washing greatly reduces risk of contamination
- Sensor-operated faucets conserve water
- 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
- Low battery indicator light
- Pre-assembled with appropriate mounting hardware included
- Vandal-resistant aerators (2.2 GPM)
- Check valves for cross-flow prevention in all models
- Requires no sealants for easy installation



# Tas

### **Chekpoint™ Electronic Sensor Faucets**

### **NEW MODELS!**

E

All models have: • 2.2 GPM vandal resistant aerator

AC/DC control module (electric plug-in and battery)

### EC-3100 Electronic Faucet



Deck-mounted gooseneck
Height: 11-1/4" (286 mm)
Spread: 4-1/8" (105 mm)
Clearance: 7-5/16" (185 mm)

EC-3100-120X Same as EC-3100 except with 5-1/2" spread gooseneck

EC-3100-LF22 Same as EC-3100 except with 2.2 GPM laminar flow vandal resistant gerator

EC-3100-LN Same as EC-3100 except without gooseneck and aerator

EC-3100-VF05 EC-3100 faucet with 0.5 GPM vandal-resistant spray device





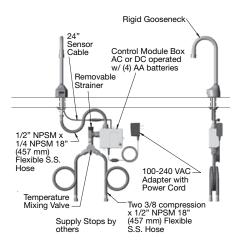
EC-3101-LF22 Same as EC-3101 except with 2.2 GPM laminar flow vandal resistant aerator

EC-3101
Electronic Faucet

EC-3101-LN Same as EC-3101 except without gooseneck and aerator

EC-3101-VF05 EC-3101 faucet with 0.5 GPM vandal-resistant spray device





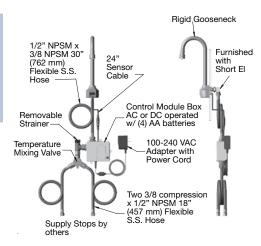
To order the standard CheckPoint<sup>TM</sup>
Sensor Faucet models to include the hydro-generator (add -HG):

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
thermostatic mixing valve
(add -TMV):

EC-3101-TMV EC-3102-TMV EC-3103-TMV EC-3106-TMV

**EC-3100-TMV** 



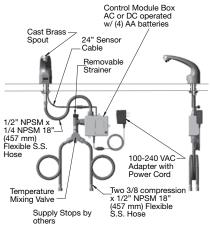
### EC-3102 Electronic Faucet

- Deck-mounted cast spout
- Height: 5-1/16" (129 mm)
- Spout length: 4-7/8" (124 mm)
- Clearance: 4-1/16" (103 mm)

EC-3102-LF22 Same as EC-3102 except with 2.2 GPM laminar flow vandalresistant gerator

EC-3102-VF05 EC-3102 faucet with 0.5 GPM vandal-resistant spray device





EC-3103 and EC -3106 Electronic Faucets (on next page)

### **ChekPoint™ Electronic Sensor Faucets**

All models have: • 2.2 GPM vandal resistant aerator

• AC/DC control module (electric plug-in and battery)

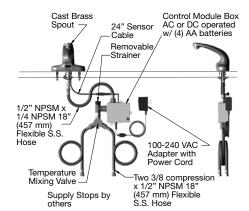
### EC-3103 Electronic Faucet

- Deck-mounted cast spout
- Height: 5-1/16" (129 mm)
- Spout length: 4-7/8" (124 mm)
- Clearance: 4-1/16" (103 mm)

EC-3103-LF22 Same as EC-3103 except with 2.2 GPM laminar flow vandal resistant gerator

EC-3103-VF05 EC-3103 faucet with 0.5 GPM vandal-resistant spray device

ChekPoint™

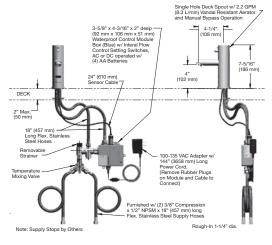


### EC-3106 Electronic Faucet with Manual Override

- Chrome plated brass single hole deck-mounted electronic sensor faucet
- 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

EC-3106-VF05 EC-3106 faucet with 0.5 GPM vandal-resistant spray device

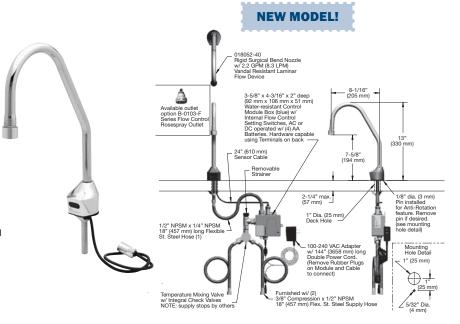




### EC-3100-LF22-SB Electronic Faucet

- Chrome plated brass single hole deck-mounted electronic sensor faucet
- Surgical bend rigid gooseneck with 2.2 GPM (8.3 LPM) laminar flow vandal-resistant aerator
- 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

EC-3101-LF22-SB Same as EC-3100-LF22-SB except with EC-3101 faucet body



# ChekPoint™ Electronic Sensor Faucets with Above Deck Electronics and Temperature Control







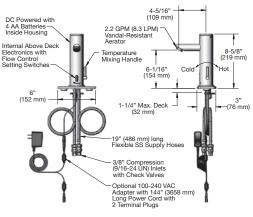


- Chrome plated brass single hole deck-mounted electronic sensor faucet
- Above deck electronics for easy installation and maintenance
- Chrome plated brass body (AB1953 compliant)
- Temperature mixing handle
- Modular assembly for easy installation (Note: supply stops to be supplied by others)
- (2) 3/8" compression, 19" (483 mm) long flexible stainless steel hot and cold water supply hoses
- 2.2 GPM vandal-resistant aerator
- Check valve assembly for crossflow prevention
- AC/DC power option
- Hands-free washing reduces risk of contamination and saves water





A recommended 2012 Money-Saving Product in BUILDINGS magazine



### EC-3122-4DP and EC-3122-8DP Electronic Faucets

### EC-3122-4DP:

• EC-3122 ChekPoint Electronic Sensor Faucet with 4"
(152 mm) forged brass deck plate with 1-1/2" center hole

### EC-3122-8DP (shown below):

• EC-3122 ChekPoint Electronic Sensor Faucet with 8"
(305 mm) forged brass deck plate with 1-1/2" center hole

### EC-3122-HG Electronic Faucet

 EC-3122 ChekPoint Electronic Sensor Faucet with EC-HYDROGEN hydro-generator

# EC-3122-VF05 Electronic Faucet

 EC-3122 ChekPoint Electronic Sensor Faucet with 0.5 GPM vandal-resistant aerator

### EC-3122 ChekPoint™ Electronic Sensor Faucet Accessories and Parts

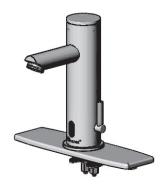
### **EC-3122 ChekPoint Sensor Faucet Options**

EC-3122	ChekPoint Electronic Faucet, Single Hole Deck Mount,
	Above Deck Electronics and Temp Control
EC-3122-4DP	ChekPoint Electronic Faucet, Single Hole Deck Mount,
	4" Deck Plate, Above Deck Electronics, Temp Control
EC-3122-8DP	ChekPoint Electronic Faucet, Single Hole Deck Mount,
	8" Deck Plate, Above Deck Electronics, Temp Control
EC-3122-HG	ChekPoint Electronic Faucet, Single Hole Deck Mount,
	Above Deck Temp Control, EC-Hydrogen
EC-3122-VF05	ChekPoint Electronic Faucet, Single Hole Deck Mount,
	Above Deck Temp Control, 0.5 GPM Vandal-resistant Aerator

### **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





EC-3122-8DP



### **ChekPoint™ Electronic Faucets with Side Mount Faucet**

All models have: • 2.2 GPM vandal resistant aerator

• AC/DC control module (electric plug-in and battery)

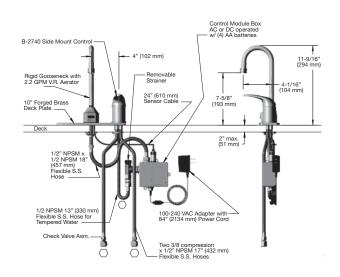
### EC-3100-SM Side Mount Faucet



### NEW MODELS!

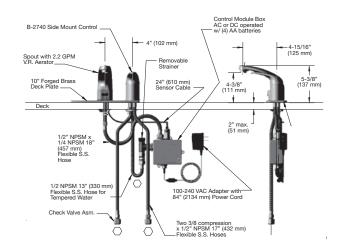
- EC-3100 chrome plated brass deck mounted gooseneck electronic sensor faucet, mounted 4" C/C with B-2740 single lever side mount control faucet
- B-2740 side mount faucet regulates water temperature and "on/off" setting (Note: Side mount control should remain in "OPEN" position for proper operation of sensor faucet)
- Rigid gooseneck with 2.2 GPM vandal-resistant aerator
- Modular assembly for easy installation (Note: supply stops to be supplied by others)
- 10" forged deck plate
- AC/DC waterproof control module box with serviceable strainer filter
- (2) 3/8" compression, 17" (432 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

EC-3100-5M-4DP Same as the EC-3100 except with a 6" (152 mm) forged brass deck plate



### EC-3102-SM Side Mount Faucet

- EC-3102 chrome plated brass deck mounted cast spout electronic sensor faucet, mounted 4" C/C with B-2740 single lever side mount control faucet
- B-2740 side mount faucet regulates water temperature and "on/off" setting (Note: Side mount control should remain in "OPEN" position for proper operation of sensor faucet)
- Cast spout with 2.2 GPM vandal-resistant aerator
- Modular assembly for easy installation (Note: supply stops to be supplied by others)
- 10" forged deck plate
- AC/DC waterproof control module box with serviceable strainer filter
- (2) 3/8" compression, 17" (432 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



### ChekPoint™ Electronic Faucets and Deck Plates

# Electronic Faucet Deck Plate Part Numbers

 To add a deck plate to an existing ChekPoint Electronic Faucet, order with these part numbers for each EC-faucet model

E	C-models	4" Deck Plate	8" Deck Plate
	EC-3100	013433-40	013434-40
	EC-3101	013433-40	013434-40
	EC-3102	013433-40	013434-40
	EC-3103	n/a	n/a
	EC-3106	013433-40	013434-40
П	EC-3122	018282-40	018507-40

# Tas

# EC-HYDROGEN Hydro-Generator Accessory For ChekPoint™ Faucets

- Hydro-generator with 1/2 NPSM male inlet and outlet threads
- Accessory for all ChekPoint<sup>™</sup> 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™

Sensor Faucet models to include the hydro-generator (add -HG):

EC-3100-HG EC-3101-HG EC-3102-HG EC-3103-HG EC-3106-HG



# EC-TMV Thermostatic Mixing Valve

- Thermostatic mixing valve with 1/2" NPSM male fittings
- Tested and certified to ASSE 1070
- Integral check valves built into hot and cold inlets
- Tamper resistant temperature limit stop prevents water from exceeding 120° F (concealed under knob)
- Can be added to any ChekPoint™ faucet; specify with -TMV suffix



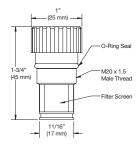
To order the standard CheckPoint<sup>TM</sup> Sensor Faucet models to include the thermostatic mixing valve (add -TMV):

EC-3100-TMV EC-3101-TMV EC-3102-TMV EC-3103-TMV EC-3106-TMV

# EC-FILTER Electronic Faucet

 Replacement filter for ChekPoint<sup>™</sup> control module





### **NEW INSTALLATION OPTIONS!**



- Gang-install up to eight faucets to one power supply, saving installation time and money!
- Available for EC-3100, EC-3101, EC-3102 and EC-3103 Series Electronic 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





**Introducing the T&S Brass** 

EC-Hydrogen Series ChekPoint™ Electronic Sensor Faucets with Hydro-Generator

Imagine a faucet which generates and stores its own power through the flow of water, without needing AC or DC back-up!

Our ChekPoint™ Electronic Sensor Faucets – the EC-3100, EC-3101, EC-3102, EC-3103 and EC-3106 series – can all be ordered or easily modified with a hydro-generator – an EC-HYDROGEN Kit. It is one of three power options for the T&S Brass ChekPoint™ product line.

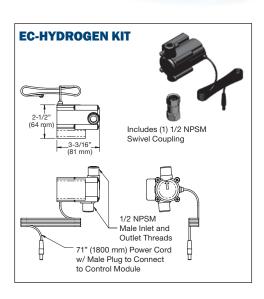
The kit includes a female-to-female ½ NPSM swivel adapter, a hydro-generator with ½ NPSM inlet and outlet and attached power cord for connection to the existing sensor faucet control module. The use of the T&S ChekPoint<sup>TM</sup> EC-HYDROGEN and/or T&S ChekPoint<sup>TM</sup> Electronic Faucets may help qualify towards credits for LEED certification.

### **Operation**

Imagine having a self-sustaining power source for your **ChekPoint™** sensor faucets and no longer needing to rely on batteries or transformers. Hydroelectric power – energy harnessed from moving water – is a form of renewable energy.

Using this principle, our hydro-generator produces energy to power our ChekPoint™ sensor faucets. Water enters the hydro-generator and passes by a turbine causing it to rotate. The hydro-generator uses part of this rotational energy to power the sensor faucets. The remaining energy generated is saved and stored in the hydro-generator for later use. Minimal use of the hydrogenerator (5 seconds of usage three times a day at 1 GPM at 60 PSI) is sufficient to accommodate consumed energy and generate and store energy. However, 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).





EC-3101

EC-3100

EC-3100-LF22-SB

EC-3102

EC-3103

### **Medical Lavatory Faucets with Adjustable Centers**

All models have: • 1/2" O.D. slip inlets

• Valves adjustable for angle installation

### B-0865-04 Medical Lavatory Faucet

- 5-1/2" (140 mm) spread rigid gooseneck
- 8" (203 mm) centers
- 1/2" NPSM coupling nuts
- Rosespray outlet (B-0103)
- 5-1/16" (129 mm) clearance from deck to face of spray
- 4" (152 mm) wrist action handles (B-WH4)



B-0865-04L Same as B-0865-04 except with 12" (305 mm) centers

- **B-0865** Same as B-0865-04 except with 6" (152 mm) wrist action handles (B-WH6)
- **B-0866-04** Same as B-0865-04 except with 5-1/2" (140 mm) spread swivel/rigid gooseneck
- **B-0866** Same as B-0865 except with 5-3/4" (146 mm) spread swivel/rigid gooseneck
- **B-0867-04** Same as B-0865-04 except with aerator (B-0199-02)
- **B-0867-04L** Same as B-0867-04 except with 12" (305 mm) centers
- **B-0867-04-WS** Same as B-0867-04 except with low-flow aerator (1.5 GPM)

New Water-Saving Model

### B-0868-04 Medical Lavatory Faucet

- 5-1/2" (140 mm) spread rigid gooseneck (120X)
- 8" (203 mm) centers
- Rosespray outlet (B-0103)
- 5-5/8" (143 mm) clearance from deck to face of spray
- 1/2" NPSM coupling nuts
- 4" (152 mm) wrist action handles (B-WH4)
- Pop-up waste assembly (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)



### B-0866-PV Medical Lavatory Faucet with PV Connection

- 5-1/2" (140 mm) spread swivel gooseneck (133X)
- Swivel/rigid gooseneck spout
- 8" (203 mm) adjustable centers
- Rosespray outlet (B-0103)
- 4-1/4" (108 mm) clearance from deck to rosespray
- 6" (152 mm) wrist action handles (B-WH6)
- Pedal valve connection (B-PV)

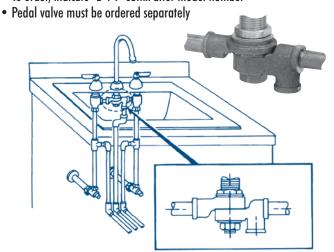


· Teflon seat washers

# Hot and Cold Center Sections Can Be At Angle Hot Y Cold Then faucet will fit "X" with standard 1/4" IPS cross pipes furnished 1/2" 8" 1" 7-3/4" 1-1/2" 7-3/8" 7"

# B-PV Pedal Valve Connection

- Pedal valve connection can be furnished on all B-0865 style faucets
- Allows faucet to be operated with either wrist action handles or foot pedal valve
- To order, indicate "B-PV" suffix after model number





PATENTED DESIGN

**PATENT** 

NUMBER

7,472,434

### **Medical Lavatory Faucets**

All models: **NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

· Easy installation

• 1/2" O.D. slip inlets

Teflon seat washers

**B-2865-04** 

**Medical Lavatory Faucet** 

• 1/2" NPSM coupling nuts

### Easy Install

# B-2386 Medical Lavatory Faucet with Swivel Gooseneck

- EasyInstall faucet
- 5" (127 mm) spread swivel gooseneck
- Swivel/rigid gooseneck spout
- 8" (203 mm) centers
- B-0199-01 aerator outlet (2.2 GPM)
- 10" (254 mm) clearance from deck to outlet
- Lever handles



# • 5-1/2" (140 mm) spread rigid gooseneck (120X)

• 8" (203 mm) centers

EasyInstall faucet

- B-0103 Rosespray outlet
- 5-1/16" (129 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4)



**B-2865** Same as B-2865-04 except with 6" (152 mm) wrist action handles (B-WH6)

**B-2865-05-WS** Same as B-2865-05 except with low-flow aerator (1.5 GPM)

### B-2866-05 Medical Lavatory Faucet

- EasyInstall faucet
- 5-3/4" (146 mm) spread swivel gooseneck
- Swivel/rigid gooseneck spout
- 8" (203 mm) centers
- B-0199-01 non-splash aerator( 2.2 GPM)
- 6-1/4" (159 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4)



Easy Install

## Related models (not EasyInstall):

- **B-2865-04L** Same as B-2865-04 except with 12" (305 mm) centers
- **B-2865-05** Same as B-2865-04 except with 12" (305 mm) flexible stainless steel inlet supplies
- **B-2865-05CR** Same as B-2865-05 except with ceramic cartridges
- **B-2865-05-120XA** Same as B-2865-05 except with 12" flex lines, and B-0199-02 aerator (2.2 GPM)
- **B-2865-05-133XA** Same as B-2865-05 except with swivel gooseneck and B-0199-01 aerator (2.2 GPM)
- **B-2865-06** Same as B-2865-04 except with 6" (152 mm) centers

# **B-2866-01** Same as B-2866-05 except with 8-3/4" (223 mm) spread gooseneck (135X) with stream regulator

- **B-2866-01QT-VRF** Same as B-2866-01 except with quarter-turn spindle assemblies and vandal-resistant laminar flow device (2.2 GPM)
- **B-2862** Same as B-2866-01 except with B-0199-02 non-splash aerator (2.2 GPM)
- **B-2862-WS** Same as B-2862 except with low-flow aerator (1.5 GPM)
- **B-2866-05-LF15** Same as B-2866-05 except with laminar flow device (1.5 GPM)

- **B-2866-05FC** Same as B-2866-05 except with 5-3/4" spread plain end gooseneck (133XP)
- **B-2866-05FC-QT** Same as B-2866-05FC except with quarter-turn spindle assemblies
- **B-2866-05QT** Same as B-2866-05 except with quarter-turn spindle assemblies
- B-2866-05QT-VRS Same as B-2866-05QT except with vandal-resistant aerator and vandal-resistant screws
- **B-2866-05QT-WS** Same as B-2866-05QT except with low-flow aerator (1.5 GPM)
- **B-2866-05-WS** Same as B-2866-05 except with low-flow gerator (1.5 GPM)

**14** 

### **Medical Lavatory Faucets**

All models: **NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

- Easy installation
- 1/2" O.D. slip inlets
- Teflon seat washers

(B-WH4)

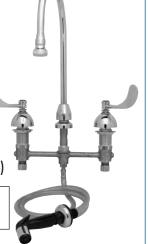
• 1/2" NPSM coupling nuts

# 5

### B-2347 Medical Lavatory Faucet

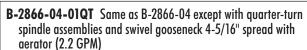
- EasyInstall faucet
- 8-13/16" (224 mm) spread swivel gooseneck
- Sidespray with automatic diverter and 4' flexible reinforced hose
- 8" (203 mm) centers
- 3/8" NPSM female outlet with rosespray
- 6-5/16" (160 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4)

B-2347-05-LVR Same as B-2347 except with lever handles and 2.2 GPM aerator



### B-2866-04 Medical Lavatory Faucet

- EasyInstall faucet
- 5-3/4" (146 mm) spread swivel gooseneck
- Swivel/rigid gooseneck spout
- 8" (203 mm) centers
- Rosespray outlet (B-0103)
- 5-7/8" (149 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4)



- **B-2866-04VRS** Same as B-2866-04 except with 8-3/4" (223 mm) spread swivel gooseneck (135X) and vandal-resistant aerator (B-0199-07) and vandal-resistant screws
- **B-2866-04L** Same as B-2866-04 except with stream regulator on gooseneck and 12" (305 mm) centers
- **B-2866** Same as B-2866-04 except with 6" wrist-action handles (B-WH6)
- **B-2866-F05** Same as B-2866 except with non-aerated spray device (0.5 GPM)
- B-2866-LF12-CR4 Same as B-2866 except for ceramic cartridges and flow tower outlet (1.2 GPM)
- **B-2866-QT-21VR** Same as B-2866 except with quarter-turn spindle assemblies and B-0199-21-VRF vandal-resistant laminar flow aerator (2.2 GPM)
- B-2866-QT-VF05 Same as B-2866-QT-21VR except with vandalresistant outlet device (0.5 GPM)
- **B-2866-QT-VF05G** Same as B-2866-QT-VF05 except with gaskets
- **B-2866-VF05** Same as B-2866 except with vandal-resistant non-aerated spray device (0.5 GPM)



- **B-2867** Same as B-2867-04 except with 6" (152 mm) wrist action handles (B-WH6)
- **B-2867-04-F05** Same as B-2867-04 except with non-aerated spray device (0.5 GPM)
- **B-2867-04-LF15** Same as B-2867-04 except with laminar flow device (1.5 GPM)
- B-2867-04-VF05 Same as B-2867-04 except with 0.5 GPM vandal-resistant non-agrated spray device
- **B-2867-04-WS** Same as B-2867-04 except with low-flow aerator (1.5 GPM)

### Related model (not EasyInstall):

**B-2867-04L** Same as B-2867-04 except with 12" (305 mm) centers; not EasyInstall faucet



- EasyInstall faucet
- 5-1/2" (140 mm) spread rigid gooseneck (120X)
- 8" (203 mm) centers
- Rosespray outlet (B-0103)
- 5-5/8" (143 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4)
- Pop-up waste (B-0898)

B-2869-04 Same as B-2868-04 except with aerator outlet (2.2 GPM)



D 15



### **Medical Lavatory Faucets**

All models have: • 4" (102 mm) centers

• Fit sinks up to 1-3/8" (34 mm) thick

• 15/16" (23 mm) diameter top shoulder to fit 1" (25 mm) diameter hole in basin

• 1/2" NPS shanks • 1/2" O.D. slip inlets

MODEL CAPTRIDGE GOOSENECK HEIGHT CLEADANCE SPREAD OUTLET

# ADA Compliant

### B-0892 Medical Lavatory Faucet with Rigid Gooseneck

- 6-5/8" (168 mm) clearance from deck to aerator
- 4" (102 mm) from centerline to center of outlet
- Rigid gooseneck with 2-3/4" (70 mm) spread (005028-40)
- B-0199-01 aerator outlet (2.2 GPM)
- Standard Eterna cartridges
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- 1/2" NPT coupling nuts



MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	V-R	NOTES
B-0892	Eterna	Rigid	10-7/16"	6-5/8"	2-3/4"	B-0199-01 aerator	2.2 GPM	4" Wrist Action (B-WH4)	N	
B-0892-01	Eterna	Rigid	10-1/8"	6-3/16"	4-1/16"	B-0199-02 aerator	2.2 GPM	4" Wrist Action	N	
B-0892-01-CR	Ceramic	Rigid	10-1/8"	6-1/8"	4-1/16"	B-0199-02 aerator	2.2 GPM	4" Wrist Action	N	
B-0892-01-WS	Eterna	Rigid	10-1/8"	6-3/16"	4-1/16"	B-0199-01-WS	1.5 GPM	4" Wrist Action	N	WaterSense aerator
B-0892-122X- LAM	Eterna	Rigid	12-3/8"	7"	5-1/2"	B-0199-21 laminar flow device	2.2 GPM	4" Wrist Action	N	
B-0892-CR	Ceramic	Rigid	10-7/16"	6-11/16"	2-3/4"	B-0199-01 aerator	2.2 GPM	4" Wrist Action	N	
B-0892-FC	Eterna with flow control	Rigid	8-15/16"	5-11/16"	2-5/8"	Plain end outlet		4" Wrist Action	N	0.7 GPM flow control in cartridge
B-0892-F1- CR-SC	Ceramic with check valves	Rigid	10-3/8"	6-5/8"	2-3/4"	B-0199-01-F10 aerator	1.0 GPM	4" Wrist Action	N	
B-0892-LF22	Eterna	Rigid	10-7/16"	6-5/8"	2-3/4"	B-0199-21 laminar flow device	2.2 GPM	4" Wrist Action	N	
<b>B-0892-M</b> B-0892 Master Box (6)	Eterna	Rigid			2-3/4"	B-0199-01 aerator	2.2 GPM	4" Wrist Action	N	Master carton of 6
B-0892-VF05	Eterna	Rigid	10-7/16"	6-11/16"	2-3/4"	B-0199-06-N05	0.5 GPM	4" Wrist Action	Υ	Includes vandal- resistant key
B-0892-VRS	Eterna	Rigid	10-3/8"	6-5/8"	2-3/4"	B-0199-06 vandal- resistant aerator	2.2 GPM	4" Wrist Action	Υ	Vandal- resistant screws in handles; includes V-R key
B-0892-CR-LF05	Ceramic	Rigid	107/16"	6-3/4"	2-3/4"	B-0199-01-N05	0.5 GPM	4" Wrist Action	N	
B-0892-CR-WS	Ceramic	Rigid	10-7/16"	6-11/16"	2-3/4"	B-0199-01-WS	1.5 GPM	4" Wrist Action	N	WaterSense aerator
B-0892-F05	Eterna	Rigid	10-7/16"	6-11/16"	2-3/4"	B-0199-01-N05	0.5 GPM	4" Wrist Action	N	
B-0892-WS	Eterna	Rigid	10-7/16"	6-11/16"	2-3/4"	B-0199-01-WS	1.5 GPM	4" Wrist Action	N	WaterSense aerator
B-0893	Eterna	Rigid			2-3/4"	B-0199-01 aerator	2.2 GPM	4" Wrist Action	N	Includes pop-up waste assembly (B-0898)

16

Compliant

### **Medical Lavatory Faucets**

All models have: • 4" (102 mm) centers

• Fit sinks up to 1-3/8" (34 mm) thick

• 15/16" (23 mm) diameter top shoulder to fit 1" (25 mm) diameter hole in basin

• 1/2" NPS shanks

• 1/2" O.D. slip inlets

### B-0892-01QT Medical Lavatory Faucet with Swivel Gooseneck

- 7-1/4" (184 mm) clearance from deck to aerator
- 4" (102 mm) from centerline to center of outlet
- Swivel gooseneck with 4-3/8" (111 mm) spread (017907-45)
- B-0412 rigid to swivel adapter
- Optional swivel/rigid washer included
- B-0199-01 aerator outlet (2.2 GPM)
- Quarter-turn Eterna spindle assemblies
- 4" (102 mm) wrist action handles (B-WH4) with color coded indexes
- 1/2" NPT coupling nuts



MODEL	CARTRIDGE	GOOSENECK	HEIGHT	CLEARANCE	SPREAD	OUTLET	GPM	HANDLE	V-R	NOTES
B-0892 -01QT	Eterna (Quarter-turn)	Swivel /Rigid	10-7/8"	7-1/4"	4-3/8"	B-0199-01 aerator	2.2 GPM	4" Wrist Action	N	
B-0892-01CR-22	Eterna (Quarter-turn)	Swivel /Rigid	10-7/8"	7-1/4"	4-3/8"	B-0199-21 laminar flow device	2.2 GPM	4" Wrist Action	N	
B-0892-133X	Eterna	Swivel	12-3/16"	8-3/16"	5-11/16"	B-PT stream regulator outlet		4" Wrist Action	N	
B-0892-135X	Eterna (Quarter-turn)	Swivel /Rigid	13-7/8"	6-7/8"	8-13/16"	B-0199-21 laminar flow device	2.2 GPM	4" Wrist Action	N	
B-0892-CR-HW	Ceramic	Swivel	10-7/8"	7-11/16"	4-1/4"	B-PT stream regulator outlet		4" Wrist Action	N	With B-0412-F12 adapter with flow control tower (1.2 GPM)
B-0892-QT-F05	Eterna (Quarter-turn)	Swivel /Rigid	10-7/8"	7-1/4"	4-3/8"	B-0199-01-N05 non-aerated spray device	0.5 GPM	4" Wrist Action	N	
B-0892-LF12- CR4	Ceramic	Swivel	13"	8-7/8"	5-11/16"	B-PT stream regulator outlet		4" Wrist Action	N	With B-0412-F12 adapter with flow control tower (1.2 GPM)
B-0892-LN-QT	Eterna (Quarter-turn)	Swivel	Less nozzle	Less nozzle	Less nozzle	Less nozzle	Less nozzle	4" Wrist Action	N	Less nozzle
B-0892-LN	Eterna	Swivel	Less nozzle	Less nozzle	Less nozzle	Less nozzle	Less nozzle	4" Wrist Action	N	Less nozzle
B-0892-QT-LF16	Eterna (Quarter-turn)	Swivel /Rigid	10-7/8"	7-11/16"	4-1/4"	B-PT stream regulator outlet		4" Wrist Action	N	With B-0412-F16 adapter with flow control tower (1.6 GPM)
B-0892-QT-VF05	Eterna (Quarter-turn)	Swivel /Rigid	10-7/8"	7-1/4"	4-3/8"	B-0199-06-N05 V-R non-aerated spray device	0.5 GPM	4" Wrist Action	Υ	
B-0892-QT- VF05G	Eterna (Quarter-turn)	Swivel /Rigid	10-15/16"	7-5/16"	4-3/8"	B-0199-06-N05 V-R non-aerated spray device	0.5 GPM	4" Wrist Action	Υ	Deck gasket
B-0892-QT-WS	Eterna (Quarter-turn)	Swivel /Rigid	10-7/8"	7-1/4"	4-1/4"	B-0199-01-WS	1.5 GPM	4" Wrist Action	N	WaterSense aerator



### **Lavatory Faucets**

### **NEW MODELS!**

All models have: • 4" (102 mm) centers • Fit sinks up to 1-3/8" (34 mm) thick • 1/2" 0.D. slip inlets

• 15/16" (23 mm) diameter top shoulder to fit 1" (25 mm) diameter hole in basin • 1/2" NPS shanks

### B-0890 Medical Lavatory Faucet

- 3-3/4" (95 mm) cast basin spout
- B-0199-03 Aerator outlet (2.2 GPM)
- 1-1/2" (38 mm) clearance from deck to aerator
- 4" (102 mm) wrist action handles (B-WH4)
- 1/2" NPSM coupling nuts



- **B-0890-M** B-0890 Master Box (6)
- **B-0890-VRS** Same as B-0890 except with vandal resistant screws in handles and vandal resistant non-splash aerator (B-0199-08)
- **B-0891** Same as B-0890 except with pop-up waste assembly (B-0898)
- **B-0890-CR-WS** Same as B-0890 except with ceramic cartridges and low-flow aerator (1.5 GPM)
- **B-0890-F05** Same as B-0890 except with non-aerated spray device (0.5 GPM)
- **B-0890-QT** Same as B-0890 except with quarter-turn spindle assemblies
- **B-0890-QT-WS** Same as B-0890-QT except with low-flow aerator (1.5 GPM)
- **B-0890-VF05** Same as B-0890 except with vandal-resistant non-aerated spray device (0.5 GPM)
- **B-0890-VF05-QT** Same as B-0890-VF05 except with guarter-turn spindle assemblies
- **B-0890-WS** Same as B-0890 except with low-flow aerator (1.5 GPM)

### B-0894 Medical Lavatory Faucet

- 3-3/4" (95 mm) cast basin spout
- Drip proof sprayface outlet
- 1-5/8" (41 mm) clearance from deck to outlet
- 4" (102 mm) wrist action handles (B-WH4)
- 1/2" NPSM coupling nuts



**B-0895** Same as B-0894 except with pop-up waste assembly (B-0898)

Notes

D 18

# Tas

### **Lavatory Faucets**

**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-2850 Lavatory Faucet

- EasyInstall faucet
- 5-1/2" (140 mm) spread rigid gooseneck (120X)
- 8" (203 mm) standard centers
- Lever handles
- Stream regulator outlet (B-LT)
- 5-3/4" (146 mm) clearance from deck to tip of outlet
- 1/2" NPSM coupling nuts



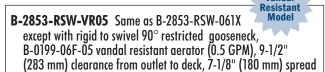
- **B-2850-01** Same as B-2850 except with 4" (102 mm) wrist action handles and laminar flow device (2.2 GPM)
- **B-2851** Same as B-2850 except with swivel/rigid swivel gooseneck 5-11/16" spread (133X) spout
- **B-2851-133X-VR** Same as B-2851 except with vandal-resistant handles and vandal-resistant laminar flow device (2.2 GPM)
- **B-2852** Same as B-2850 except with swivel gooseneck (135X) and non-splash aerator (2.2 GPM)
- **B-2850-F05** Same as B-2850 except with non-aerated spray device (0.5 GPM)
- **B-2850-VF05** Same as B-2850 except with vandal-resistant non-aerated spray device (0.5 GPM)
- B-2850-WH4 Same as B-2850 except with 4" (102 mm) wrist action handles
- **B-2850-WS** Same as B-2850 except with low-flow aerator (1.5 GPM)

### Related models (not EasyInstall):

**B-2850-L** Same as B-2850 except with 12" (305 mm) standard centers **B-2851-L** Same as B-2851 except with 12" (305 mm) standard centers **B-0850** Same as B-2850 — has valves adjustable for angle installation

### B-2853-RSW-061X Lavatory Faucet

- EasyInstall faucet
- 10" (254 mm) restricted swing nozzle adapter with B-0199-06F-05 (0.5 GPM) vandal resistant aerator
- 8" (203 mm) standard centers
- Lever handles
- 4-1/4" (108 mm) clearance from deck to tip of outlet
- 1/2" NPSM coupling nuts



### B-2855 Lavatory Faucet

- EasyInstall faucet
- 9" (229 mm) swing nozzle (166X)
- Swivel/rigid swing nozzle
- 8" (203 mm) standard centers
- Stream regulator outlet (B-PT)
- 6-1/4" (159 mm) clearance from deck to tip of outlet
- 1/2" NPSM coupling nuts



- **B-2855-01** Same as B-2855 except with B-0199-29 laminar flow device (1.5 GPM)
- **B-2855-WS** Same as B-2855 except with low-flow aerator (1.5 GPM)

### Related model (not EasyInstall):

**B-0855** Same as B-2855 — has valves adjustable for angle installation

### B-2859 Medical Lavatory Faucet

NEW MODEL!

- EasyInstall faucet
- Swing nozzle (B-2387) with B-0199-01 aerator (2.2 GPM)
- Swivel deck flange
- 8" (203 mm) centers
- Compression cartridges
- 3/8" NPSM female outlet with rosespray
- 8-9/16" (218 mm) clearance from deck to face of gerator
- 4" (102 mm) wrist action handles (B-WH4)

# ray k to WH4)

### B-2885 Lavatory Faucet

- EasyInstall faucet
- 5-1/2" (140 mm) spread rigid gooseneck (120X)
- 8" (203 mm) standard centers
- Stream regulator outlet (B-LT)
- 6-7/16" (163 mm) clearance from deck to tip of outlet
- Pop-up waste assembly (B-0898)
- 1/2" NPSM coupling nuts

### Related model (not EasyInstall):

**B-0885** Same as B-2885 except with valves adjustable for angle installation





### **Lavatory Faucets**

### **NEW MODELS!**

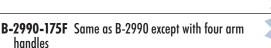
All models: **NEW DESIGN** has EasyInstall pre-assembled faucet body for Concealed Widespread Faucets

- Easy installation
- 1/2" O.D. slip inlets
- Teflon seat washers
- 1/2" NPSM coupling nuts

### B-2990 Lavatory Faucet

### Easy Install

- EasyInstall Faucet
- 5" (127 mm) cast basin spout
- 8" (203 m) centers
- 2" (51 mm) clearance from deck to aerator
- 1/2" NPSM coupling nuts on inlets
- Lever handles



Water-Saving Models

- B-2990-180F Same as B-2990 except with dome handles
- **B-2990-P** Same as B-2990 except with pop-up assembly (B-898)
- B-2990-PWH4 Same as B-2990-P except with 4" (102 mm) wrist action handles
- B-2990-WH4 Same as B-2990 except with 4" (102 mm) wrist action handles
- **B-2990-WH4-QT** Same as B-2990-WH4 except with quarter-turn spindle assemblies
- B-2990-WH4-WS Same as B-2990-WH4 except with low-flow aerator (1.5 GPM)
- **B-2990-F05** Same as B-2990 except with non-aerated spray device (0.5 GPM)
- **B-2990-VF05** Same as B-2990 except with vandal-resistant non-aerated spray device (0.5 GPM)
- **B-2990-WS** Same as B-2990 except with low-flow aerator (1.5 GPM)

### Related model (not EasyInstall):

B-2990-FL Same as B-2990 except with flexible supply lines

### B-2955 Lavatory Faucet

- 9" (229 mm) swing nozzle (166X)
- Swivel/rigid swing nozzle
- 8" (203 mm) standard centers
- Stream regulator (B-LT)
- 6-5/16" (160 mm) clearance from deck to tip of outlet
- 1/2" NPSM coupling nuts
- Dome handles

### Easy Install



### B-2992 Lavatory Faucet

- Swivel joint faucet body for angle installation
- 5" (127 mm) cast basin spout
- 8" (203 m) centers
- 2" (51 mm) clearance from deck to aerator
- 1/2" NPSM coupling nuts on inlets
- Lever handles (175F)

Note: this is not an EasyInstall faucet



**B-2992-L** Same as B-2992-WH4 except with 12" (305 mm) centers

**B-2992-P** Same as B-2992 except with pop-up assembly (B-0898)

B-2992-PWH4 Same as B-2992-P except with 4" (102 mm) wrist action handles

B-2992-WH4 Same as B-2992 except with 4" (102 mm) wrist action handles

### B-2320 Medical Lavatory Faucet

- Swivel gooseneck with 2.2 GPM aerator
- Rigid to swivel adapter
- 4-1/8" (105 mm) clearance from deck to outlet
- Eterna cartridges
- Lever handles
- 1/2" NPSM coupling nuts



### B-0898 Pop-Up Waste 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 grid
- 1-1/4" (32 mm) diameter 17 gage tailpiece

### B-0899 Drain with Grid

- Cast brass polished chrome plated grid
- Captive grid
- 1-1/4"
  (32 mm)
  diameter
  17 gage
  tailpiece





### **Centerset Faucets with or without Pop-Up Assembly**

**NEW MODELS!** 



- All models have: 1/2" O.D. slip inlets
- 15/16" dia. top shank
- 1/2" NPS thread on shanks
- Fit sinks up to 1-3/8" (34 mm) thick 1/2" NPSM coupling nuts

### B-0870 **Centerset Lavatory Faucet**

- 3-3/4" (95 mm) from inlet of faucet to outlet
- 4" (102 mm) centers
- B-0199-03 aerator (2.2 GPM)
- 1-7/16" (27 mm) clearance from deck to aerator
- Pop-up waste assembly (B-0898)
- **B-0870-CR** Same as B-0870 except with cerama cartridges
- B-0871 Same as B-0870 except without pop-up assembly
- **B-0871-M** B-0871 Master Box (6)
- B-0871-VRS Same as B-0871 except with vandal resistant screws in handles and B-0199-08 vandal resistant aerator (2.2 GPM)
- **B-0871-CR** Same as B-0871 except with cerama cartridges
- B-0871-CR-PRISON Same as B-0871 except with vandal resistant lever handles, vandal-resistant flow control (1.0 GPM) aerator and ceramic cartridges
- B-0871-CR-WS Same as B-0871-CR except with low-flow aerator (1.5 GPM)
- B-0871-F05 Same as B-0871 except with non-aerated spray device (0.5 GPM)
- B-0871-VF05 Same as B-0871 except with vandal-resistant non-aerated spray device (0.5 GPM)
- **B-0871-VR-CH-QT** Same as B-0871 except with vandal-resistant aerator (2.2 GPM), club handles, vandalresistant screws and quarter-turn Eterna cartridges
- **B-0871-WS** Same as B-0871 except with low-flow aerator (1.5 GPM)



Vandal Model

New Water-Saving Models

### B-0873 Centerset Lavatory Faucet

- Rigid 2-3/4" (70 mm) spread gooseneck (119X)
- 4" (102 mm) centers
- B-0199-02 aerator (2.2 GPM)
- 5" (127 mm) clearance from deck to gerator
- Pop-up waste assembly (B-0898)

**B-0874** Same as B-0873 except without pop-up assembly

B-0874-M B-0774 Master Box (6)



### **B-0877 Centerset Lavatory Faucet**

- 3-3/4" (95 mm) from inlet of faucet to outlet
- 4" (102 mm) centers
- 1-1/4" (32 mm) diameter spray
- 1-13/16" (46 mm) clearance from deck to outlet



### B-2970 **Lavatory Faucet**

- 3-3/4" (95 mm) from inlet of faucet to outlet
- 4" (102 mm) centers
- B-0199-03 aerator (2.2 GPM)
- 1-1/2" (38 mm) clearance from deck to aerator
- Pop-up waste assembly (B-0898)

B-2971 Same as B-2970 except without pop-up assembly



### **Pivot Action Metering Faucets**

All models:

- ADA compliant according to ICC/ANSI A117.1-2003
   Less 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

- 1/2" NPS male shank
- 1/4" IPS union tailpiece
- 4-1/8" (105 mm) center of faucet to center of spout
- Spout 1-1/4" (27 mm) above deck
- Vandal resistant
- Aerator (2.2 GPM)
- 10° angle on aerator



# B-0807-PA Pivot Action Metering Faucet

- 1/2" NPT threaded shank with 1/4" NPT tailpieces on 4" (102 mm) centers
- Fits sinks up to 1-3/8" (34 mm) thick
- 1/2" O.D. slip inlet
- 4-3/16" (107 mm) high
- Specify hot, cold or blank
- B-0199-02 aerator (2.2 GPM)
- 4" (102 mm) spreader assembly with volume controls



# B-0837-PA Pivot Action Metering Faucet

- 3-3/4" (95 mm) from inlet of faucet to outlet
- 4" (102 mm) centers
- Spray face outlet
- 2" (51 mm) clearance from deck to outlet



# B-0800-PA Pivot Action Metering Wash Sink Single Temperature Faucet

- Wall-mount with 1/2" NPT female inlet
- 1-1/4" diameter rose spray
- 6-3/4" (171 mm) overall length
- 3-7/8" (99 mm) from wall to center of outlet



# B-0805-PA Pivot Action Metering Single Temperature Faucet

- 1/2" NPT threaded shank
- Fits sinks up to 1-3/8" thick
- Fits 1/2" O.D. slip inlet
- 4-3/16" (107 mm) high
- B-0199-02 aerator outlet (2.2 GPM)



### B-0831-PA Pivot Action Metering Lavatory Faucet

- 4-5/16" (110 mm) from inlet of faucet to outlet
- 4" (102 mm) centers
- B-0199-03 aerator (2.2 GPM)
- 1-1/2" (38 mm) clearance from deck to aerator



# B-2490-PA Pivot Action Metering Faucet

- 4-1/8" (105 mm) from center of faucet to center of outlet
- Single hole with 4" (102 mm) spreader unit
- Supplied with nut and tailpiece for optional 1/4" NPT connection
- 4" (102 mm) spreader assembly with volume controls
- Aerator (2.2 GPM)



D 22

### **Pivot Action Metering Faucets**

**NEW MODELS!** 



**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

### **B-2820-PA Concealed Body Lavatory Faucet**

- EasyInstall faucet
- 6" (152 mm) spread rigid gooseneck (120X)
- 8" (203 mm) standard centers
- Stream regulator outlet (B-LT)
- 5-11/16" (145 mm) clearance from deck to tip of outlet



### Easy Install

### **B-2991-PA Pivot Action Metering Valve Lavatory Faucet**

- EasyInstall faucet
- 5" (127 mm) cast basin spout
- 8" (203 m) centers
- 2" (51 mm) clearance from deck to aerator
- 1/2" NPSM coupling nuts on inlets
- Aerator (2.2 GPM)





### **Slow Self-Closing Metering Faucets**

All models:

- · Provide adjustable, timed flow of water
- Require less than 5 lbs. operating force to open
   Remain open for 10 seconds minimum
- ADA compliant
- · Vandal resistant

B-0800

**Slow Self-Closing Wash Sink Single** Temperature Faucet



- Wall-mount with 1/2" NPT female inlet
- 1-1/4" diameter rosespray
- 6-1/2" (165 mm) overall length
- 4" (102 mm) from wall to center of outlet



B-0805

**Slow Self-Closing Single** 

Temperature Faucet

- 5-1/2" (140 mm) high
- Specify hot, cold or blank

Fits sinks up to

1-3/8" thick

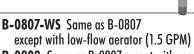
 B-0199-02 gergtor outlet (2.2 GPM)



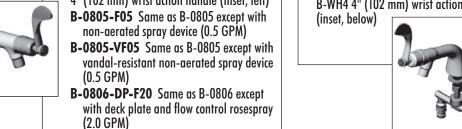
- B-0805-VR-LDP Same as B-0805 except with vandal-resistant aerator (2.2 GPM)
- **B-0805-WS** Same as B-0805 except with low-flow aerator (1.5 GPM)
- **B-0806** Same as B-0805 except with rose spray
- B-0805-01 Same as B-0805 except with B-WH4 4" (102 mm) wrist action handle (inset, left)

### B-0807 **Slow Self-Closing Mixing Faucet**

- 1/2" NPT threaded shank with 1/4" NPT tailpieces on 4" (102 mm) centers
- Fits sinks up to 1-3/8" (34 mm) thick
- 1/2" O.D. slip inlet
- 5-1/2" (140 mm) high
- Specify hot, cold or blank
- B-0199-02 aerator outlet (2.2 GPM)



- B-0808 Same as B-0807 except with rose spray outlet
- B-0842 Same as B-0807 except with compression cartridge and B-WH4 4" (102 mm) wrist action handle
- **B-0807-01** Same as B-0807 except with B-WH4 4" (102 mm) wrist action handle



### **Slow Self-Closing Metering Faucets**

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

### B-0712 **Push Button Metering Faucet**

- 1/2" NPS male shank
- 1/4" IPS union tailpiece
- 4-1/8" (105 mm) center of faucet to center of spout
- Spout 1-1/4" (31 mm) above deck
- Vandal resistant
- 10° angle on aerator
- B-0199-02 gerator (2.2 GPM)



**B-0712-01** Same as B-0712 except with 4" (102 mm) wrist action handle (see p. D26 — new model number: B-0712-WA)

**B-0712-4DP** Same as B-0712 except with 4" (102 mm) forged deckplate

**B-0712-ESC** Same as B-0712 except with escutcheon plate

**B-0712-WS** Same as B-0712 except with low-flow aerator (1.5 GPM)

**B-0713** Same as B-0712 except with B-0199-08 aerator

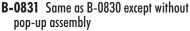
B-0712-01VRS Same as B-0712 except with lever handle and vandal-resistant handle index

**B-0712-F05** Same as B-0712 except with non-aerated spray device

**B-0712-VF05** Same as B-0712 except with vandal-resistant nongerated spray device (0.5 GPM)

### B-0830 **Slow Self-Closing Centerset Lavatory Faucet with Pop-Up**

- 3-3/4" (95 mm) from inlet of faucet to outlet
- 4" (102 mm) centers
- B-0199-03 aerator (2.2 GPM)
- 1-5/8" (41 mm) clearance from deck to aerator



- B-0831-01 Same as B-0831 except is wrist action metering faucet with B-WH4 4" handles (see p. D26 — new model number: B-0831-WA)
- **B-0831-WS** Same as B-0831 except with low-flow aerator (1.5 GPM)
- B-0831-F05 Same as B-0831 except with 0.5 GPM non-aerated spray device
- B-0831-VF05 Same as B-0831 except with 0.5 GPM vandal-resistant non-aerated spray device
- B-0831-VR Same as B-0831 except with vandal-resistant aerator (2.2 GPM)





### B-0833 **Slow Self-Closing Centerset Lavatory Faucet with Pop-Up**

- 4" (102 mm) from inlet of faucet to outlet
- 4" (102 mm) centers with push-button metering cartridges/handles
- B-0199-02 aerator (2.2 GPM)
- 5-3/8" (137 mm) clearance from deck to gerator
- **B-0833-01** Same as B-0833 except with wrist action metering cartridges with 4" (102 mm) wrist action handles (shown, right)
- **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, and without pop-up assembly (shown, right)





### 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 gergtor saves water
- Brass, bronze, stainless steel parts with heavy-duty cast brass body
- Blade type handle requires only 5 lbs. pressure to operate
- Users can select only cold water to save energy
- 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



### **Slow Self-Closing Metering Faucets**

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

### B-0836 Slow Self-Closing Centerset Lavatory Faucet with Pop-Up

- Slow self-closing centerset lavatory faucet with pop-up waste assembly
- 3-3/4" (95 mm) from inlet of faucet to outlet
- 4" (102 mm) centers
- Spray face
- 2" (51 mm) clearance from deck to outlet
- **B-0836-01** Same as B-0836 except with wrist action metering cartridges with 4" (102 mm) handles
- **B-0837** Same as B-0836 except without pop-up assembly
- B-0837-01 Same as B-0837 except with wrist action metering cartridges with 4" (102 mm) handles, and without pop-up assembly



### B-2821 Concealed Body Lavatory Faucet

- EasyInstall faucet
- Slow self-closing lavatory faucet with pop-up waste assembly
- 6" (152 mm) spread rigid gooseneck (120X)
- 8" (203 mm) standard centers
- Stream regulator outlet (B-LT)
- 5-1/4" (133 mm) clearance from deck to tip of outlet
- B-2821-01 Same as B-2821 except with slow close metering cartridges and B-WH4 4" (102 mm) wrist action handles (shown below, inset)







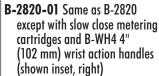
# B-2490 Slow Self-Closing Metering Valve

- Slow self-closing metering valve with pushbutton cap
- 4" (102 mm) from center of faucet to center of spout
- Single hole with 4" spreader unit
- Supplied with nut and tailpiece for optional 1/4" NPT connection



# B-2820 Concealed Body Lavatory Faucet

- EasyInstall faucet
- Slow self-closing lavatory faucet
- 6" (152 mm) spread rigid gooseneck (120X)
- 8" (203 mm) standard centers
- Stream regulator outlet (B-LT)
- 5-1/2" (140 mm) spread (120X) rigid gooseneck



B-2820-PA Same as B-2820 except with pivot action metering cartridge/handles (see page D22)

## Easy Install





### B-2991 Lavatory Faucet

- EasyInstall faucet
- Slow-self-closing metering cartridges
- 5" (127 mm) cast basin spout
- 8" (203 m) centers
- 2" (51 mm) clearance from deck to aerator
- 1/2" NPSM coupling nuts on inlets

Easy Install



- B-2823-02 Same as B-2991 except with .5 GPM aerator
- **B-2991-P** Same as B-2991 except with pop-up assembly (B-0898)
- B-2991-WH4 Same as B-2991 except with 4" (102 mm) wrist action handles (see p. D26 new model number: B-2991-WA)
- **B-2991-WS** Same as B-2991 except with low-flow aerator (1.5 GPM)

New Water-Saving Models

### **NEW!** Slow Self-Closing Metering Faucets with Wrist Action Handles (-WA)

All models:

- Provide adjustable, timed flow of water
- ADA compliant

 Centerset mixing faucet Wrist action metering

• 1/2" NPSM male shanks

cartridges with 4" (102 mm)

• Wrist action handle activation

• Spout 1-1/2" (38 mm) above deck

wrist action handles (B-WH4)

· Conserves water

- Require less than 5 lbs. operating force to open
- Remain open for 10 seconds minimum

**B-0831-WA** 

**Wrist Action Metering Faucet** 

### **B-0712-WA Wrist Action Metering Faucet**



- Single temperature basin faucet
- Wrist action metering cartridge with 4" (102 mm) wrist action handle (B-WH4)
- 1/2" NPSM male shank
- 1/4" NPT union tailpiece
- 4-1/8" (105 mm) center of faucet to center of spout

**B-0892-WA** 

**Wrist Action Metering Faucet** 

- Spout 15/16" (24 mm) above deck
- 10° angle on aerator
- B-0199-02 aerator (2.2 GPM)
- Metering cartridge conserves water



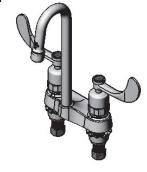
# **B-2865-04-WA**

**Wrist Action Metering Faucet** 

- EasyInstall concealed widespread faucet with 8" (203 mm) centers
- Wrist action metering cartridges with 4" (102 mm) wrist action handles (B-WH4)
- 5-1/2" (140 mm) spread rigid gooseneck (000398-40)
- B-0103 rosespray outlet
- 5" (127 mm) clearance from deck to face of spray
- Metering cartridges conserve water

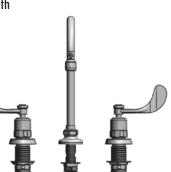
# B-0199-03 aerator (2.2 GPM) • Metering cartridges conserve water

- Centerset mixing faucet
- Wrist action metering cartridges with 4" (102 mm) wrist action handles (B-WH4)
- 6-5/8" (168 mm) clearance from deck to gerator
- 1/2" NPSM male shanks with coupling nuts
- Rigid gooseneck with 2-3/4" (70 mm) spread (005028-40)
- B-0199-01 aerator outlet (2.2 GPM)
- Metering cartridges conserve water



### B-2866-05-WA **Wrist Action Metering Faucet**

- EasyInstall concealed widespread faucet with 8" (203 mm) centers
- Wrist action metering cartridges with 4" (102 mm) wrist action handles (B-WH4)
- 5-3/4" (146 mm) spread swivel gooseneck
- Swivel/rigid gooseneck spout
- B-0199-01 aerator outlet (2.2 GPM)
- 6-1/8" (155 mm) clearance from deck to face of spray
- Metering cartridges conserve water



Easy Install

# Wrist Action Metering Faucet

**B-2991-WA** 

- EasyInstall concealed widespread faucet with 8" (203 mm) centers
- Layatory spout with B-0199-03 aerator outlet (2.2 GPM)
- Wrist action metering cartridges with 4" (102 mm) wrist action handles (B-WH4)
- Slow-self-closing metering cartridges
- 5-1/4" (134 mm) cast basin spout
- 8" (203 m) centers
- 2" (51 mm) clearance from deck to
- 1/2" NPSM coupling nuts on inlets
- Metering cartridges conserve water



Easy Install

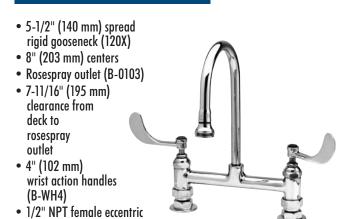


D 26

### **Surgical Sink Faucets**

• 8" (203 mm) centers with adjustaable inlets

### B-0322-04 Surgical Sink Faucet

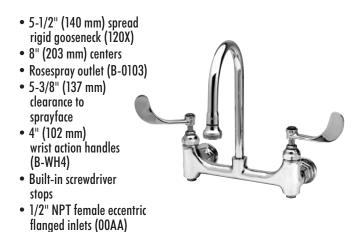


B-0322 Same as B-0322-04 except with 6" (152 mm) wrist action handles (B-WH6)

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-0322-04 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-0330-04 Surgical Sink Faucet

- 5-1/2" (140 mm) spread rigid gooseneck (120X)
- 8" (203 mm) centers
- Stream regulator outlet (B-LT)
- 4" (102 mm) wrist action handles (B-WH4)
- 1/2" NPT female eccentric flanged inlets (00AA)
- 6" (152 mm) clearance to stream regulator outlet



- **B-0350-04** Same as B-0330-04 except with rosespray outlet (B-0103)
- **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

- 5-1/2" (140 mm) spread rigid gooseneck (120X)
- Adjustable inlets 3-3/4"
   (95 mm) to 12-3/4"
   (319 mm)
- Rosespray outlet (B-0103)
- 4" (102 mm) wrist action handles (B-WH4)
- 1/2" NPT female eccentric flanged inlets with screwdriver stop (00XX)
- 5-3/8" (137 mm) clearance to rosespray outlet



# Tas

### **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 2-1/2" (64 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 metering cartridges

### B-0504-01 Double Pedal Valve, Wall Mounted

- Inlets on 2-1/2" (64 mm) centers
- 1" (25 mm) from floor to center of inlets
- Wall to pedal tips approximately 13-3/4" (349 mm)
- Angle loose key stops (B-1350)
- Top mounted volume control angle loose key stop (B-1355)
- 1/2" NPT female inlets and outlets

**B-0504-02** Same as B-0504-01 except with volume control straight loose key stop (B-0416)

# 9 mm)

### 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-0507-02 Same as B-0507 except with check valve



### 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 on inlet (B-1350)
- Loose key volume control valve with 3/8" IPS female outlet (B-1355)
- 1/2" NPT female inlet and outlet

### B-0504 Double Pedal Valve, Wall Mounted

- Inlets on 2-1/2" (64 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 2-1/2" (64 mm) centers
- Rough 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 D28



 Includes the B-0507 single pedal valve and B-0520 rigid gooseneck spout and rosespray outlet



### **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 on inlet (B-1350)
- Volume control straight loose key stop (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 on inlet



### **Knee Valves**

All models: • Feed water automatically

• Provide sensitive, variable flow control for water conservation

# B-0473 Wall Support for Knee Action Valve

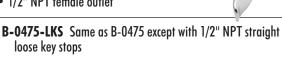
- All aluminum, fastens to wall and supports valve body of knee action valve
- Approximately 12" (305 mm) from wall to valve body mounting holes
- 3-1/4" (83 mm) of knee stirrup extends in front of 20" (508 mm) back to front basin
- Can be shortened by cutting aluminum pipe
- Available in longer lengths up to 24" as a special order

# B-0473 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
- 2-1/2" (64 mm) centers
- 1/2" NPT female outlet



# B-0474 Wall Support for Knee Action Valve

- 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 inle pipes



# B-0474 Wall Bracket with B-0475 Knee Valve



### B-0509 Double Knee Pedal Valve

- Inlets on 2-1/2" (64 mm) centers
- Approximately 24"
   (610 mm) from floor to base of valve
- Pedals 6-1/4" (159 mm) long





### **Dummy Goosenecks**

### B-0520 and B-0520-F1 Series Rigid Gooseneck Spout

- Deck mounted
- 5-1/2" (140 mm) rigid spread gooseneck (120X)
- B-LT stream regulator outlet
- 10-1/4" (260 mm) high from deck to top of gooseneck
- 5-1/8" (130 mm) clearance from deck to stream regulator outlet

Note: If stream regulator with flow control is desired, refer to the chart below and add the suffix numbers to indicate flow control. For ex.: B-0520-F03 (flow control of .25 GPM)



### **Stream Regulator Flow Control Options:**

Flow (GPM)	Suffix
.25	-F03
.40	-F05
.70	-F07
.90	-F10
1.20	-F12
1.40	-F15
2.0	-F20

Note: if a plain end (laminar) with flow control is desired, refer to the chart, right, and add the suffix numbers to indicate a plain end spout (-F1) with flow control. For ex.: B-0520-<u>F1-03</u>, (flow control of .25 GPM)

# Plain End/Laminar Flow Control Options:

Flow (GPM)	Suffix
.25	-F1-F03
.40	-F1-F05
.70	-F1-F07
.90	-F1-F10
1.20	-F1-F12
1.40	-F1-F15
2.0	-F1-F20

- **B-0520-01** Same as B-0520 except with 5-1/4" (133 mm) overall height and 1-3/4" (44 mm) clearance
- B-0521 Same as B-0520 except with aerator (B-0199-02) and 4-3/4" (121 mm) clearance from deck to aerator
- B-0522 Same as B-0520 except with B-0103 rosespray with 4-7/16" (113 mm) clearance from deck to aerator
- **B-0523** Same as B-0521 except with 122X gooseneck, 12-1/4" (311 mm) high from deck to top of gooseneck and 6-3/4" (171 mm) clearance from deck to aerator (B-0199-02)
- **B-0524** Same as B-0522 except with 122X gooseneck, 12-1/4" (311 mm) high from deck to top of gooseneck and 6-7/16" (113 mm) clearance from deck to rosespray (B-0103)
- B-0546 Same as B-0545 except with swivel spout 5-13/16" (147 mm) clearance from deck to plain end outlet, 5-11/16" (144 mm) spread and 10" (254 mm) overall height

### B-0525 Swivel Goosenecks and Swing Spouts

- 3/8" NPT female inlet
- 5-3/4" (146 mm) spread swivel gooseneck (133X)
- 9-1/16" (230 mm) to top of gooseneck
- B-PT stream regulator outlet
- 5-1/16 " (129 mm) clearance from center of inlet to stream regulator



### **Swivel Goosenecks:**

**B-0527** Same as B-0525 except with B-0199-01 aerator **B-0528** Same as B-0525 except with B-0103-01 rosespray outlet

### **Swing Spouts:**

- **B-0526-2** Same as B-0525 except with 6" (152 mm) swing nozzle (059X)
- **B-0526-3** Same as B-0525 except with 8" (203 mm) swing nozzle (060X)
- **B-0526-4** Same as B-0525 except with 10" (254 mm) swing nozzle (061X)
- **B-0526-5** Same as B-0525 except with 12" (305 mm) swing nozzle (062X)

### B-0529 Swivel Gooseneck Spout

- 3/8" NPT female inlet
- 2-3/4" (70 mm) spread swivel gooseneck
- B-0199-01 aerator (2.2 GPM)
- 4-3/4" (121 mm) to top of gooseneck
- 2-1/4" (57 mm) clearance from center of inlet to aerator



### B-0529-01 Swivel Gooseneck Spout

- Wall mounted
- 3/8" NPT female inlet
- 9-5/16" high swivel gooseneck (132X) with 2-5/8" (67 mm) spread
- B-LT stream regulator
- 5-13/16" (148 mm) clearance from center line of inlet to outlet of stream regulator
- 2-5/8" (67 mm) spread



Find other "Outlet" options, including water-saving outlets for these goosenecks on pages D72-73

### **Dummy Goosenecks**

### B-0535 Rigid Gooseneck <u>Spout</u>

- Wall mounted
- 3/8" NPT female inlet
- 5-9/16" (141 mm) rigid spread gooseneck (120X)
- 10-5/8" (270 mm) to top of gooseneck
- Rosespray outlet (B-0103)
- 5" (127 mm) clearance from center line of inlet to outlet of rosespray
- 7-9/16" (192 mm) from wall to outlet of rosespray
- 2" (51 mm) flange diameter



### B-0536 Rigid Gooseneck Spout

- 1/2" NPT female inlet
- 11-3/8" (267 mm) to top of gooseneck
- 5-3/4" (146 mm) clearance from center of inlet to rosespray
- 5-1/2" (140 mm) rigid gooseneck (120X)
- Rosespray outlet (B-0103)



### **Bubblers**

### B-2360 Bubbler

- Flexible mouth guard
- Fast self-closing cartridge with lever handle
- · Hidden flow control
- 1/2" NPSM shank and coupling nut



- **B-2360-02** Same as B-2360 except with removable antirotation 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
- **B-2360-04** 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-PA Bubbler with Pivot Action Metering Valve

- Flexible mouth guard
- Hidden flow control
- 1/2" NPSM shank and coupling nut



Antimicrobial Handles Available

# **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



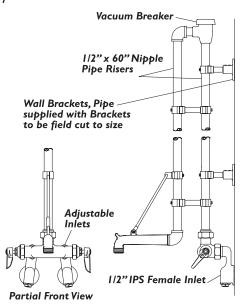


1	lotes

- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, ie.: removal and replacing Eterna cartridges
- · Internal spring checks (on select models) prevent crossflow and back flow of water

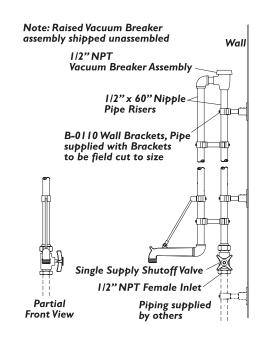
### B-0491-01 Service Sink Faucet with Elevated Vacuum Breaker

- 5' elevated atmospheric vacuum breaker
- 6" service sink spout with garden hose thread outlet
- Furnished with top spout brace and (2) B-0110 wall brackets
- 1/2" NPT female flanged adjustable inlets with screwdriver stop (OOXX)



### B-0492-01 Service Sink Faucet with Elevated Vacuum Breaker

- Single temperature supply stop
- 5' elevated atmospheric vacuum breaker
- 6" service sink spout with garden hose thread outlet
- Furnished with top spout brace and (2) B-0110 wall brackets



### B-0650-BSTP Service Sink Faucet

- Built in screwdriver stops
- 8" (203 mm) centers
- 5-1/4" (133 mm) clearance wall to center line of faucet
- 12-1/4" (311 mm) from wall to center of outlet
- Polished chrome plated finish
- Bottom support wall brace
- 1/2" NPT female eccentric flanged inlets (OOAA)
- **B-0650-01** Same as B-0650-POL except with 6" wrist-action handles (B-WH6) and 00XX flanges, adjustable on a 2-1/2" radius, 9-5/16" (237 mm) from wall to center of outlet
- **B-0650-BSTR** Same as B-0650-BSTP except with rough chrome plated finish
- **B-0650-POL** Same as B-0650-BSTP except without built-in stops
- **B-0650-RGH** Same as B-0650-BSTR except without built-in stops
- **B-0650-02** Same as B-0650-01 except 15-3/4" (400 mm) from wall to center of outlet



### B-0651-POL Service Sink Faucet

- 8" (203 mm) centers
- 5-1/4" (133 mm) clearance from wall to center line of faucet
- 12" (305 mm) from wall to center of outlet
- Polished chrome plated finish
- Bottom support wall brace
- Pail hook
- Plain end spout
- 1/2" NPT female inlets with loose key stops (OOJJ-XT)

B-0651-06 Same as B-0651-POL except with 6" wrist-action handles (B-WH6)

**B-0362** Same as B-0651-06 except with 3/4" garden hose threads and 15" (375 mm) from center of wall to outlet

B-0651-RGH Same as B-0651-06 except with rough chrome plated finish



### B-0655-01 Service Sink Faucet

- 1/2" NPT female flanged adjustable inlet with screwdriver stops (OOXX)
- Inlets adjustable on a 2-1/2" radius
- 6" wrist-action handles (B-WH6)
- Vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- Bottom support and wall brace
- **B-0655-02** Same as B-0655-01 except 15-3/4" (400 mm) from wall to center of outlet
- **B-0652** Same as B-0655-02 except without garden hose threads and without vacuum breaker



### B-0655-BSTP Service Sink Faucet

- Built-in screwdriver stops
- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 5-1/8" (130 mm) clearance from wall to center line of faucet
- 11-5/8" (295 mm) from wall to center of outlet
- Polished chrome plated finish
- Vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- Bottom support wall brace
- Inlet extensions 5-1/8" from wall to center of faucet

**B-0655-BSTR** Same as B-0655-BSTP except with rough chrome plated finish

**B-0655-POL** Same as B-0655-BSTP except without built in stops

**B-0655-RGH** Same as B-0655-BSTR except without built in stops

**B-0656-POL** Same as B-0655-BSTP except with integral stops (inlets not eccentric)

**B-0656-RGH** Same as B-0655-BSTR except with integral stops (inlets not eccentric)



D 34

### B-0657 Service Sink Faucet

- 8" (203 mm) centers
- 5-1/8" (130 mm) clearance from wall to center line of faucet
- 11-5/8" (295 mm) from wall to center of outlet
- Polished chrome plated finish
- Vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- 1/2" NPT female inlet with loose key stops (OOJJ)
- B-WH6 6" (152 mm) wrist-action handles
- Bottom support wall brace
- 1/2" NPT female inlets

**B-0657-01** Same as B-0657 except with top yolk style brace **B-0657-BST** Same as B-0657 except without OOJJ stops. Includes built in stops in body of faucet



- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 9" (229 mm) from back of inlets to center of outlet
- Polished chrome plated finish
- Top support wall brace
- 2-3/8" (60 mm) from wall to center line of faucet
- 1/2" NPT female eccentric flanged inlets (OOAA)

**B-0660-BSTP** Same as B-0660-POL except with built-in stops

**B-0660-BSTR** Same as B-0660-BSTP except with rough chrome plated finish

**B-0660-RGH** Same as B-0660-POL except with rough chrome plated finish

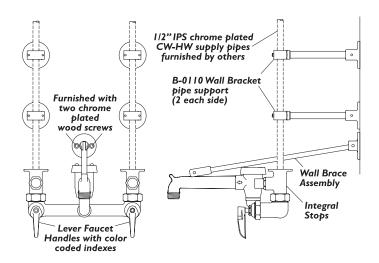
**B-0661-POL** Same as B-0660-POL except with OOJJ stops 10" (254 mm) from wall to center of outlet

**B-0661-RGH** Same as B-0661-POL except with rough chrome plated finish



### B-0662 Service Sink Faucet with Ceiling Supply

- Polished chrome plated finish
- 8" (203 mm) centers
- 00JJ stops
- Wall brace assembly
- Lever faucet handles
- Vacuum breaker
- Wall braces designed for exposed ceiling supplies
- May be factory adjusted for floor supplies when specified





**NEW MODELS!** 

- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, ie.: removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

### B-0664 Service Sink Faucet

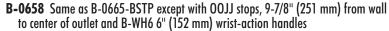
- Polished chrome plated finish
- B-WH6 6" wrist action handles
- 1/2" NPT female inlet with loose key stops (OOJJ)
- 8" (203 mm) centers
- 9-1/2" (241 mm) from wall to center of outlet
- 3-3/8" (86 mm) from wall to center of faucet
- Bottom wall support
- 3/4" garden hose threads and pail hook

**B-0664-01** Same as B-0664 except with plain end spout, and 15" (381 mm) from wall to outlet and 8-7/8" (225 mm) from wall to center of faucet

B-0664-02 Same as B-0664 except with plain end spout, and 11-1/4" (286 mm) from wall to outlet and 5-1/8" (130 mm) from wall to center of faucet



- Built in screwdriver stops
- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 2-3/8" (60 mm) clearance from wall to center line of faucet
- 8-7/8" (225 mm) from wall to center of outlet
- Polished chrome plated finish
- Vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- Top support wall brace
- 1/2" NPT female inlet
- Includes spring checks



B-0665-BSTP-963 Same as B-0665-BSTP except with B-0963 vacuum breaker

B-0665-BSTP-CVB Same as B-0665-BSTP except with continuous vacuum breaker

**B-0665-BSTPM** B-0665-BSTP Master Box (6)

**B-0665-BSTPM24** B-0665-BSTP Master Box (24)

**B-0665-BSTR** Same as B-0665-BSTP except with rough chrome plated finish

B-0665-BSTR-963 Same as B-0665-BSTR except with B-0963 vacuum breaker

**B-0665-BSTR-CVB** Same as B-0665-BSTR except with continuous vacuum breaker

**B-0665-BSTRM** B-0665-BSTR Master Box (6)

B-0665-BSTRM12 B-0665-BSTR Master Box (13)

**B-0665-CR-BSTR** Same as B-0665-BSTR except with ceramic cartridges

**B-0665-POL** Same as B-0665-BSTP except without built-in stops

**B-0665-RGH** Same as B-0665-BSTR except without built-in stops

**B-0666-POL** Same as B-0665-POL except with integral stops 9-7/8" (251 mm) from wall to center of outlet, 3-7/8" (86 mm) from wall to center line of faucet

**B-0666-RGH** Same as B-0665-RGH except with integral stops 9-7/8" (251 mm) from back of inlets to center of outlet, 3-7/8" (86 mm) from wall to center line of faucet

**B-1958** Same as B-0658 except 11-5/8" (295 mm) from wall to center of outlet, 4-arm handles (175F)





#### **Service Sink Faucets**

- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, ie.: removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

#### B-0667-POL Service Sink Faucet

- 1/2" NPT female flanged adjustable inlets with screwdriver stops (OOXX)
- Adjustable centers from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- 9-1/2" (241 mm) from back of inlets to center of outlet
- Polished chrome plated finish
- Atmospheric vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- Top support wall brace
- Includes spring checks



- **B-0667-POLM** B-0667-POL Master Box (6)
- **B-0667-RGH** Same as B-0667-POL except with rough chrome plated finish
- **B-0667-RGHM** B-0667-RGH Master Box (6)
- B-0667-RGHM24 B-0667-RGH Master Box (24)
- **B-0668-POL** Same as B-0667-POL except without integral stops in adjustable inlets
- **B-0668-RGH** Same as B-0667-RGH except without integral stops in adjustable inlets

#### B-0669-POL Service Sink Faucet

- 1/2" NPT female flanged adjustable inlets with screwdriver stops (OOXX)
- Adjustable centers from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- 5-1/2" (140 mm) from back of inlets to center of outlet
- Polished chrome plated finish
- Atmospheric vacuum breaker nozzle with 3/4" garden hose thread
- Includes spring checks



- **B-0669-01** Same as B-0669-POL except with B-0673 spout
- **B-0669-RGH** Same as B-0669-POL except with rough chrome plated finish
- **B-0670-POL** Same as B-0669-POL except without integral stops in adjustable inlets
- **B-0670-01** Same as B-0670-POL except with B-0673 spout
- **B-0670-RGH** Same as B-0669-RGH except without integral stops in adjustable inlets

#### B-0671-POL Service Sink Outlet

- 6-1/8" (156 mm) from back of inlets to center of outlet
- Polished chrome plated finish
- Nozzle has 3/4" garden hose thread and pail hook
- Top support wall brace
- 1/2" NPT female inlet

B-0671-RGH Same as B-0671-POL except with rough chrome plated finish



#### B-0672-POL Service Sink Faucet

- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 4-5/16" (110 mm) from back of inlets to center of outlet
- Polished chrome plated finish
- Plain end spout with pail hook
- 1/2" NPT female eccentric flanged inlets (OOAA)



- **B-0672-RGH** Same as B-0672-POL except with rough chrome plated finish
- **B-0673-POL** Same as B-0672-POL except with 3/4" garden hose thread on nozzle
- **B-0673-RGH** Same as B-0672-RGH except with 3/4" garden hose thread on nozzle



#### **Service Sink and Sill Faucets**

#### **NEW MODELS!**

- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, ie.: removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

#### B-0674-BSTP Service Sink Faucet

- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 4-3/4" (121 mm) from wall to center of outlet
- Polished chrome plated finish
- Vacuum breaker nozzle with pail hook and 3/4" garden hose thread
- 1/2" NPT female eccentric flanged inlets (OOAA)
- Includes spring checks
- **B-0674-BSTPM** B-0674-BSTP Master Box (6)
- **B-0674-BSTR** Same as B-0674-BSTP except with rough chrome plated finish
- **B-0674-BSTRM** B-0674-BSTR Master Box (6)
- **B-0674-CR-POL** Same as B-0674-POL except with ceramic cartridaes
- **B-0674-POL** Same as B-0674-BSTP except without built-in stops
- **B-0659** Same as B-0674-POL except with 6" wrist-action handles (B-WH6)
- **B-0674-POLM** B-0674-POL Master Box (6)
- **B-0674-RGH** Same as B-0674-POL except with rough chrome plated finish
- **B-0674-RGHM** B-0674-RGH Master Box (6)
- **B-0674-RGHM24** B-0674-RGH Master Box (24)
- **B-0693-POL** Same as B-0674-POL except with garden hose outlet and 00JJ inlets with integral stops
- **B-2271** Same as B-0674-BSTP except with 3/4"-11 1/2" male garden hose outlet w/ quick-disconnect fitting, rough chrome finish
- B-2271-CR Same as B-2271 except with cerama cartridges with check valves

#### B-0692 Service Sink Outlet

- Concealed loose key valve with 1/2" NPT female inlet (B-0127)
- Nozzle with 3/4" garden hose thread outlet
- Elevated vacuum breaker (B-0929-A)







#### B-0695-ST Service Sink Fitting

- Concealed bypass mixing valve on 8" (203 mm) centers
- 1/2" NPT pipe outlet
- Roughing 2-1/2" (64 mm) minimum to 3-1/2" (89 mm) maximum center of inlets to finished wall face
- Top braced nozzle with 3/4" garden hose thread and pail hook
- Elevated vacuum breaker (B-0929-A)
- Loose key valves behind teardrop flanged outlets with 1/2" NPT female inlets and outlets

B-0695 Same as B-0695-ST except without integral stops, includes standard flanges and with B-0969 vacuum breaker; includes loose key stops behind flanges





#### B-0697 Service Sink Fitting

- Concealed mixing valve with 1/2" NPT union inlet
- 8" (203 mm) centers
- Roughing 2-1/2" (64 mm) minimum to 3-3/4" (95 mm) maximum center of inlets to finished wall face
- Braced nozzle with 3/4" garden hose thread and pail hook
- 1/2" NPT female inlet



- **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 nozzle
- **B-0699-ST** Same as B-0699 except with integral stops and teardrop flanges

#### D 39

#### **Service Sink Faucets**

#### B-2480 Service Sink Faucet

- 1/2" NPT female inlets
- Rough chrome plated finish
- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 2-3/8" (60 mm) from wall to center of faucet
- 4-5/16" (110 mm) from wall to center of outlet
- 3/4" garden hose outlet and pail hook
- Four-arm handles (175F)



#### **Sill and Heavy Duty Sink Faucets**

#### B-0700 Single Sink Faucet

- 1/2" NPT female inlet
- 3-7/8" (98 mm) from outlet to center of spout
- Four-arm handle (175F)

**B-0700-LT-CR-K** Same as B-0700 except with B-LT outlet, ceramic cartridge and inlet installation kit

**B-0702** Same as B-0700 except with 3/4" garden hose outlet



#### B-0703 Single Sink Faucet

- 1/2" NPT male inlet
- 3-1/2" (89 mm) wall to center of spout
- Four-arm handle (175F)

**B-0704** Same as B-0703 except with 3/4" garden hose outlet



#### B-0706 Self-Closing, Single Sink Faucet

- 1/2" NPT female inlet
- 3-7/8" (98 mm) wall to center of spout
- Four-arm handle (061L)
- Quick self-closing valve

**B-0707** Same as B-0706 except with 3/4" garden hose outlet



#### **Accessories**

#### B-0618-01 Reinforced PVC Hose

- Reinforced PVC hose
- 3' (914 m) long
- 3/4" garden hose inlet
- 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

#### B-0653 Mop Hanger



- Stainless steel mop hanger
- Three spring-loaded rubber grips
- 24" (610 mm) long x 3-3/4" (95 mm) wide

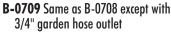
#### B-0654 Stainless Steel Hose Bracket

- Stainless steel hose bracket
- Spring-loaded rubber grip
- 3' (914 mm) rubber hose (B-0618-01) with 3/4" garden hose inlet



# B-0708 Self-closing, Single Sink Faucet

- 1/2" NPT male inlet
- 3-1/2" (89 mm) wall to center of spout
- Four-arm handle (061L)
- Quick self-closing valve



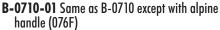
**B-0709-JJ** Same as B-0709 except with JJ union coupling inlet with loose key stop



### **Sill and Heavy Duty Sink Faucets**

#### B-0710 Single Basin Faucet

- 1/2" NPS male shank
- 4-1/8" (105 mm) from center of faucet to center of spout
- Four-arm handle (175F)
- B-0109-01 gerator
- 10° angle on aerator



**B-0710-WS** Same as B-0710 except with low-flow aerator (1.5 GPM)

**B-0711** Same as B-0710 except with quick selfclosing valve, four arm handle (061L)



New Water-Saving Model

#### B-0717 Single Sink Faucet

- 1/2" NPT male inlet
- Adjustable flange
- 5" (127 mm) from inlet to center of outlet
- Lever handle (177F)
- 3/4" garden hose outlet

**B-0718** Same as B-0717 except with four arm handle (175F)



#### B-0730 Sill Faucet

- 1/2" NPT female flanged inlet
- Key (001802-45) or screwdriver controlled handle
- 3/4" aarden hose outlet
- Rough chrome plated finish



**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" female inlet

#### B-2460 Single Basin Faucet

- 1/2" NPS male shank
- 4-1/8" (105 mm) from center of faucet to center of spout
- 4" wrist-action ceramic cartridge assembly
- Anti-rotation cover plate
- 10° angle on aerator



#### B-0715 Single Sink Faucet

- 1/2" NPT male inlet
- Adjustable flange
- 6" (152 mm) inlet to center of outlet
- Lever handle (177F)
- Plain outlet

**B-0716** Same as B-0715 except with four arm handle (175F)



### B-0720 Sill Faucet with Vacuum Breaker

- 1/2" NPT female flanged inlet
- Key (001802-45) or screwdriver controlled handle
- Atmospheric vacuum breaker
- 3/4" garden hose outlet
- Polished chrome plated finish



**B-2301** Same as B-0720 except with four arm handle (175F)



#### B-0736-POL Sill Faucet with Vacuum Breaker

- 1/2" NPT female flanged inlet
- Loose key included (001802-45) or screwdriver controlled handle
- Removable vacuum breaker
- 3/4" garden hose outlet
- Polished chrome plated finish



- **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

#### **Bedpan Washers**

#### B-0675 Bedpan Washer

- Pedal valve (B-0504-01) with 1/2" NPT female inlets with integral loose key angle stops (B-1350)
- Volume control valve (B-1355) with 3/8" NPT female outlet on pedal valve
- Vacuum breaker (B-0929) with 3/8" NPT flanged inlet
- Wall hook hose connection with 3/8" NPT flanged inlet
- 5' (1.5 m) PVC hose (B-0068-R) with self closing valve (002865-40)
- **B-0676** Same as B-0675 except with extended spray 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 loose key angle inlet valve with shut-off and vacuum breaker (B-0968) outlet
- 5' (1.5 m) PVC hose (B-0068-R) with self closing valve (002865-40)
- **B-0679** Same as B-0678 except with extended spray connected directly to hose self closing valve is omitted



#### B-0677 Bedpan Washer

- Pedal valve (B-0504-01) with 1/2" NPT female inlets with integral stops (B-1350)
- Volume control valve (B-1355) with 3/8" NPT female outlet on pedal valve
- Vacuum breaker unit has 3/8" NPT female flanged inlet and outlet
- 5' (1.5 m) PVC hose (B-0068-R) with extended spray outlet (002861-40)



#### B-0685 Bedpan Washer

- Single pedal valve (B-0508-01) with 1/2" NPT female inlet with integral stops (B-1350)
- Volume control valve (B-1355) with 3/8" NPT female outlet on pedal valve
- Vacuum breaker (B-0929) with 3/8" NPT inlet and outlet on 3-3/4" (95 mm) centers
- Wall hook hose connection with 3/8" NPT female flanged inlet
- 5' (1.5 m) PVC hose (B-0068-R) with self closing valve (002865-40)
- **B-0686** Same as B-0685 except with extended spray connected directly to hose — self closing valve is omitted



#### B-0687 Bedpan Washer

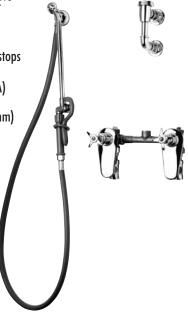
- Single pedal valve (B-0508-01) with 1/2" NPT female inlet with integral stops (B-1350)
- Volume control valve (B-1355) with 3/8" NPT female outlet on pedal valve
- Vacuum breaker has 3/8" NPT female flanged inlet and outlet
- 5' (1.5 m) PVC hose (B-0068-R) with self closing valve (002861-40)



#### **Bedpan Washers**

#### B-0680-ST Bedpan Washer

- Concealed bypass mixing valve (B-1035-ST) with 1/2" NPT female union inlets on 8" (203 mm) centers
- Integral straight loose key stops (B-0416)
- Vacuum breaker (B-0929-A) with 1/2" NPT female connection on 3-3/4" (95 mm) centers
- Wall hook hose connection with 3/8" NPT female flanged inlet
- 5' (1.5 m) PVC hose (B-0068-R) with self closing spray valve (002865-40)



#### B-0104 Wall Hook Outlet

- 3/8" NPT flanged female inlet
- All brass, chromium plated
- 3/4" 14 male outlet



#### B-0682-ST Bedpan Washer

- Concealed bypass mixing valve (B-1035-ST) with 1/2" NPT female union inlets on 8" (203 mm) centers
- Integral straight loose key stops (B-0416)
- Front mount vacuum breaker outlet
- 5' (1.5 m) PVC hose (B-0068-R) with self closing spray valve (002865-40)
- Wall hook (B-0104-D)

**B-0682** Same as B-0682-ST except without loose key stops



#### 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)
- 5' (1.5 m) reinforced PVC hose (B-0068-R)
- Self closing spray valve (002865-40)



#### B-0691 Bedpan Washer with Extended Spray Outlet

- 1/2" NPT male inlet adapter (055A)
- 5' (1.5 m) reinforced PVC hose (B-0068-R)
- Extended spray outlet (002861-40)





### **Bedpan Washers, Hoses and Sprays**

### B-0950 Bedpan Washer with Self-Closing Valve

- 1/2" NPT male inlet adapter (055A)
- 4' (1.2 m) stainless steel hose (B-0044-H)
- Angle self-closing spray outlet (002853-40)



**B-0956** Same as B-0950 except with 3' (914 mm) reinforced PVC hose

#### B-0973 Bedpan Washer with Self-Closing Valve

- 1/2" NPT male inlet adapter (055A)
- Stainless steel hose (B-0056-H)
- Push button self-closing spray valve with adjustable spray angle head



### B-0955 Bedpan Washer with Self-Closing Valve

- 1/2" NPT male inlet adapter (055A)
- 4' (1.2 m) reinforced PVC hose (B-0044-R)
- Self-closing spray valve (B-0107)



**B-0957** Same as B-0955 except with 3' (914 mm) braided vinyl hose

## B-0974 Bedpan Washer with Self-Closing Valve

- 1/2" NPT male inlet adapter (055A)
- Stainless steel hose (B-0056-H)
- Self-closing spray valve with adjustable spray angle head



Notes Notes			

#### **Concealed Single Valves**

#### **B-1020 Concealed Bypass Valve**

- 1/2" NPT female inlet and outlet
- Four arm handle "Cold"
- Adjustable wall flange



#### **B-1025-ST Concealed Straight Valve**

- 1/2" NPT inlet and outlet
- Integral stop
- Tear drop flange



#### **B-1027-UCP Concealed Straight Loose Key Stop**

• 1/2" NPT female inlet and outlet

**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-1025 Concealed Straight Valve**

- 1/2" NPT female inlet and outlet
- Four arm handle "Cold"
- Adjustable wall flange



B-1025-1 Same as B-1025 except with "Hot" handle B-1026-1 Same as B-1025 except with clear alpine handle (001144-45) "Hot"

#### B-1029-PA **Concealed Straight Valve**



- Straight pivot action metering valve
- 1/2" NPT female inlet and outlet
- Vandal resistant
- Blank index



#### **B-1029 Concealed Straight Valve**

- Straight slow self-closing valve
- 1/2" NPT female inlet and outlet
- Vandal resistant
- Blank index



**B-1029-1** Same as B-1029 except indexed "Cold" **B-1029-2** Same as B-1029 except indexed "Hot"

### **Concealed Bypass Mixing Valves**

#### **B-1035 Concealed Bypass Mixing Valve**

- 8" (203 mm) centers
- 1/2" NPT female union inlets
- 1/2" NPT female bottom outlet
- Four arm handles (175F)





#### **Accessories**

#### B-0900 Spray Assembly

- 3' (.9 m) stainless steel spray assembly
- 2-3/4" (70 mm) diameter rubber bumper
- 1/2" NPT male adapter furnished on inlet



#### B-1091 Deluxe Shower Head

**NEW FEATURES!** 

- 2.2 GPM @ 60 PSI / 2.5 GPM @ 80 PSI flow rate
- 1/2" NPT inlet
- Adjustable wall flange
- Solid brass construction
- Brass ball swivel joint and shank
- Spray adjusting peanut 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-1095 Bath Tub Spout

- Chrome plated finish
- 3/4" NPT female inlet
- Furnished with twin el flow diverter



#### 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-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 back inlet



#### B-1097 Two-Way Diverter Valve

- Used to divert flow between shower and hand spray
- 1/2" NPT female connections
- Lever handle (177F)



Notes Notes			

#### **NEW!** Pressure Balancing Shower Valve, Assemblies and Parts

## 5

#### B-3200 Series Pressure Balancing Shower Valve, Shower Head and Tub Spout

- Solid brass pressure balancing shower valve with replaceable cartridge
- Integral supply stops
- Temperature limit stop
- 2.5 GPM polished chrome shower head with ball joint, arm and wall flange assembly
- Polished chrome rotary handle
- Polished chrome faceplate with screws and gasket
- Solid brass tub spout with diverter lift knob in polished chrome plated finish
- ASSE 1016 Listed
- Sweat connections



## B-3201 Pressure Balancing Shower Valve Assembly

- Same as B-3200 except without tub spout
- Sweat connections on shower valve



NEW Shower

**Valve** 

**Models** 



# B-3204 Pressure Balancing Shower Valve

- Pressure balancing shower valve with trim plate and handle
- Sweat connections on shower valve



#### B-3204-PBV Pressure Balancing Shower Valve

- Pressure balancing shower valve
- Sweat connections on shower valve



#### B-3206 Pressure Balancing Shower Valve Assembly

- Includes B-3201 pressure balancing shower valve assembly without tub spout, B-1097 diverter valve and B-0925 Shower Queen spray assembly with grab bar
- Sweat connections on shower valve



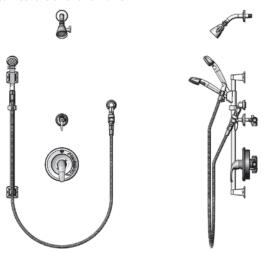
# B-3205 Pressure Balancing Shower Valve Assembly

- Includes pressure balancing shower valve and hand held spray assembly with flow control (thumb valve adjusts flow from 0.5 GPM to 2.0 GPM)
- Sweat connections on shower valve





- Same as the B-3206 and includes a B-0970-01 wall-mounted vacuum breaker attached to Shower Queen spray hose assembly
- Sweat connections on shower valve





#### **NEW!** Pressure Balancing Shower Valve with Threaded Connections

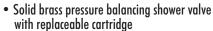
# B-3300 Series Pressure Balancing Shower Valve, Shower Head and Tub Spout with Threaded Connections

NEW

**Models** 

**Threaded** 

**Connections** 



- NEW! Threaded connections for easy installation
- Integral supply stops
- Temperature limit stop
- 2.5 GPM polished chrome shower head with ball joint, arm and wall flange assembly
- Polished chrome rotary handle
- Polished chrome faceplate with screws and gasket
- Solid brass 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
- Threaded connections on shower valve





# B-3304 Pressure Balancing Shower Valve

- Pressure balancing shower valve with trim plate and handle
- Threaded connections on shower valve



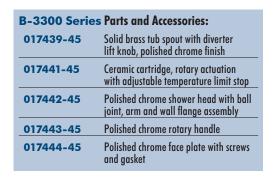
#### B-3304-PBV Pressure Balancing Shower Valve

- Pressure balancing shower valve
- Threaded connections on shower valve



#### B-3306 Pressure Balancing Shower Valve Assembly

- Includes B-3301 pressure balancing shower valve assembly without tub spout, B-1097 diverter valve and B-0925 Shower Queen spray assembly with grab bar
- Threaded connections on shower valve



# B-3305 Pressure Balancing Shower Valve Assembly

- Includes pressure balancing shower valve and hand held spray assembly with flow control (thumb valve adjusts flow from 0.5 GPM to 2.0 GPM)
- Threaded connections on valve



#### B-3306-VB Pressure Balancing Shower Valve Assembly

- Same as the B-3306 and includes a B-0970-01 wall-mounted vacuum breaker attached to Shower Queen spray hose assembly
- Threaded connections on shower valve



#### **Bath and Shower Combinations**

# B-0933-ST Patient's Bath Fitting with Flexible Personal Spray

- Concealed bypass mixing valve (B-1035-ST) with 1/2" NPT female union inlets on 8" (203 mm) centers
- Integral straight loose key stops (B-0416) with built-in check valves
- Vacuum breaker (B-0929-A) with 1/2" NPT female connection on 3-3/4" (95 mm) centers
- B-0926 personal spray with 1/2" NPT flanges female wall connection
- B-0940 grab bar with adjustable holder
- 60" (1524 mm) flexible hose (013E-60) with hand spray (SQ-0095)
- Throttle down thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM



Notes
Notes
l
·

### "Shower Queen" Flexible Personal Spray Assemblies

#### B-0921 Shower Queen Assembly with Diverter Valve

- Chrome plated diverter valve
- 1/2" NPT female thread connects to existing shower arm and shower head
- Wall spray bracket (SQ-0092)
- Hand held spray (SQ-0095)
- 5 ft. (1.5 m) stainless steel hose (013E-60)
- Shower head not included
- Throttle down thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM



#### B-0925 Shower Queen Assembly with Grab Bar

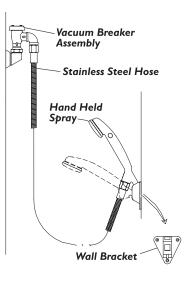
- Wall outlet with 3/8" NPT flanged female inlet
- 5 ft. (1.5 mm) stainless steel hose (013E-60)
- B-0940 grab bar 24" (610 mm) long
- Sliding spray bracket
- Throttle down thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM
- **B-0926** Same as B-0925 except with wall outlet with 1/2" NPT flanged female inlet



### "Shower Queen" Flexible Personal Spray Assemblies

#### B-0930 **Shower Queen Assembly**

- Wall outlet with 1/2" NPT female inlet
- 5 ft. (1.5 mm) stainless steel hose (013E-60)
- Wall bracket to hold spray head at two angles
- Atmospheric vacuum breaker
- Throttle down thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM



#### B-0937 **Shower Queen Assembly**

- 1/2" NPT male inlet
- 60" (1.5 mm) stainless steel hose (013E-60)
- Hand held spray (SQ-0095)
- Throttle down thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM
- Wall spray bracket (SQ-0092)



#### B-0938 **Shower Queen Assembly**

- 1/2" NPT male inlet
- 60" (1.5 m) vinyl hose (013E-60V)
- Hand held spray (SQ-0095)
- Throttle down thumb valve on spray assembly switches flow between 2.0 GPM and 0.5 GPM
- Wall spray bracket (SQ-0092)



#### "Shower Queen" Accessories

#### B-0940 **Vertical Grab Bar with Sliding Spray Bracket**

- 24" (610 mm) long vertical grab bar
- Sliding spray bracket



#### SQ-0092 **Wall Spray Bracket**

- Mounts to wall
- Holds personal spray
- Two position sockets



SQ-0093 Wall outlet assembly, 3/8" NPT inlet

SQ-0093-LF Wall outlet less flange, 3/8" NPT inlet

**SQ-0094** Wall outlet assembly with male

**SQ-0099** Sliding spray bracket

#### **SQ-0100 Diverter Valve**

- 1/2" NPT female inlet
- 1/2" NPT male outlet
- Diverts water to hand held spray by pulling knob
- . Mounts on existing shower arm before shower head



#### SQ-0095 **Shower Queen Hand Spray**

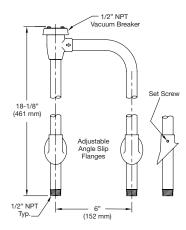




#### **Vacuum Breaker Assemblies**

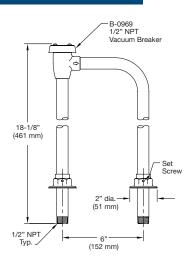
#### B-0455 Vacuum Breaker Assembly

- 6" (152 mm) C/C mounting vacuum breaker unit
- 1/2" NPT



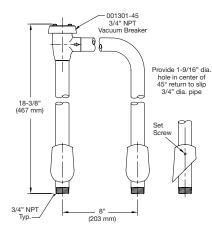
#### B-0456 Vacuum Breaker Assembly

- 6" (152 mm) C/C mounting vacuum breaker unit
- 1/2" NPT
- Adjustable flanges
- Pipes must be held rigid under sink with connection fitting, brace, etc.



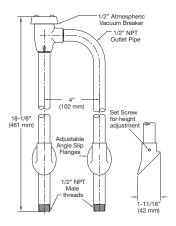
#### B-0457 Vacuum Breaker Assembly

- 8" (203 mm)
   C/C mounting vacuum breaker unit
- 3/4" NPT
- Pipes must be held rigid under sink with connection fitting, brace, etc.



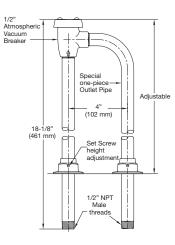
#### B-0455-04 Vacuum Breaker Assembly

- 4" (102 mm) C/C mounting vacuum breaker unit
- 1/2" NPT
- Adjustable angle slip flanges
- Factory preassembled



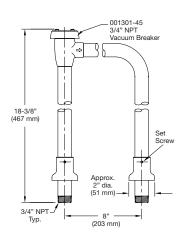
#### B-0456-04 Vacuum Breaker Assembly

- 4" (102 mm) C/C mounting vacuum breaker unit
- 1/2" NPT
- Adjustable flanges
- Factory preassembled



#### B-0458 Vacuum Breaker Assembly

- 8" (102 mm) C/C mounting vacuum breaker unit
- 3/4" NPT
- Adjustable angle slip flanges
- Pipes must be held rigid under sink with connection fitting, brace, etc.



#### **Lab Hose Cocks and Turrets**

#### BL-4000-01 Hose Cock

- CSA approved
- 3/8" NPT male inlet
- Serrated hose tip
- Snap-in color index; specify gas, air or vacuum
- Length 3-3/16" (81 mm); height 2-1/2" (63 mm)

Note: **should not** be used for water, steam or oxygen



BL-4000-01M Master Box (12)

#### BL-4100-0 Laboratory Turret

- $\bullet$  Two 3/8" NPT female outlets at 90°
- 3/8" NPT female inlet
- Black plastic mounting gasket included
- 2" (51 mm) diameter; height 2-9/16" (65 mm)
- 2" (51 mm) height to center of outlet

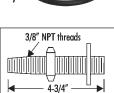
BL-4100-01 3/8" NPT female bottom inlet; 3/8" NPT female side outlet (1)

**BL-4100-02** Two outlets at 180°

BL-4100-03 Three outlets

BL-4100-04 Four outlets

BL-4100-05 Top outlet only



Note: BL-5500-10 supply nipple and locknut ordered separately

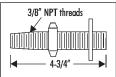
#### BL-4102-0 Vandal Resistant Lab Turret

- 1/4" diameter stud to prevent rotation
- Black plastic mounting gasket included
- 2" (51 mm) diameter; height 3" (76 mm)
- 2-1/8" (54 mm) height to center of outlet
- 3/8" NPT female inlet
- Two 3/8" NPT female side outlets

BL-4102-01 3/8" NPT female bottom inlet; 3/8" NPT female side outlet (1)

**BL-4102-02** Two outlets at 180°





Note: BL-5500-10 supply nipple and locknut ordered separately

### **BL-4010-01 Needle Valve**

- 3/8" NPT male inlet
- Floating stainless steel needle point
- Serrated hose tip
- For use with oxygen, hydrogen or other special gases
- Length 3-3/16" (81 mm); height 2-15/16" (75 mm)
- 125 PSI maximum pressure

Note: **should not** be used for water or steam

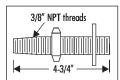
#### BL-4200-0 Turret with Two Hose Cocks

- 3/8" NPT female inlet
- Snap-in color coded index;
   specify gas, air or vacuum
- Diameter 2"
   (51 mm);
   height 3-9/16"
   (90 mm)
- Two hose cocks at 90°
- Not recommended for pressures in excess of 30 PSI

BL-4200-01 Turret with hose cock

BL-4200-02 Turret with two hose cocks at 180°

**BL-4200-04** turret with four hose cocks



Note: BL-5500-10 supply nipple and locknut ordered separately

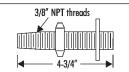
#### BL-4203-0 Vandal Resistant Turret with Hose Cock

- 1/4" diameter stud to prevent rotation
- 3/8" NPT female bottom inlet
- Two 3/8" NPT hose cocks at 90°
- 2" (51 mm) diameter; 3-11/16" (94 mm) height
- 2-1/8" (54 mm) height to center of outlet
- Snap-in color coded index; specify gas, air or vacuum
- Not recommended for pressures in excess of 30 PSI

BL-4203-01 3/8" IPS female side outlet (one)

BL-4203-02 Turret with two hose cocks at 180°

BL-4203-04 Turret with four hose cocks



Note: BL-5500-10 supply nipple and locknut ordered separately

#### **Panel Flanges, Hose Cocks and Turrets**

### BL-4210-01 Turret with Needle Valve

• 3/8" NPT female bottom inlet

- One 3/8" NPT hose cock
- 2" (51 mm) diameter; 4-3/8" (111 mm) height
- 2" (51 mm) height to center of outlet
- Valve has floating stainless steel needle point
- For use with oxygen, hydrogen or other special gases

BL-4210-0 Turret with two needle hose cocks at 90° (shown above)

BL-4210-02 Turret with two needle hose cocks at 180°



BL-4210-0

Note: BL-5500-10 supply nipple and locknut ordered separately

4-3/4"

#### BL-4250-02 Double Panel Flange with Two Hose Cocks

- 3/8" NPT female inlet
- Dual ground key hose cocks with serrated hose tips
- 3-7/8" (98 mm) from wall
- 1-13/16" (46 mm) flange diameter
- 6-1/8" (156 mm) width
- Snap-in color coded index; specify gas air or vacuum
- Not recommended for pressures in excess of 30 PSI



Inset: BL-4250-05

Double panel flange
with 3/8" NPT inlet
and dual outlets



Note: BL-5500-07 panel supply nipple and locknut ordered separately

3/8" NPT threads

### **BL-4250-08**Wye Fitting

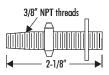
- 3/8" NPT male inlet
- Two 3/8" NPT female outlets
- 70° angle between outlets



### BL-4250-01 Panel Flange with Hose Cock

- 3/8" NPT female inlet
- Ground key hose cock
- Serrated hose tip
- 4-1/2" (114 mm) length
- 2" (51 mm) flange diameter
- Snap-in color coded index; specify gas, air or vacuum
- Not recommended for pressures in excess of 30 PSI





Note: BL-5500-07 panel supply nipple and locknut ordered separately

#### BL-4250-07 Flanged Elbow

- 3/8" IPS female inlet and outlet
- 2" (51 mm) flange diameter
- 2-1/16" (52 mm) from flange surface to center of outlet
- Can be mounted vertically or horizontally



#### BL-4260-01 Panel Flanges with Needle Valve

- 3/8" NPT female inlet
- Needle valve with serrated hose tip
- 4-1/2" (114 mm) length from wall to tip
- 2" (51 mm) diameter flange
- Snap-in color coded index; specify gas, air or vacuum

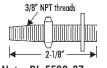




Inset: BL-4250-03 Panel flange with 3/8" NPT female inlet and outlet

BL-4250-04 Same as BL-4250-03 except with 1/2" NPT female inlet and outlet

BL-4250-06 Same as BL-4250-03 except with 1/2" NPT female inlet, 3/8" NPT female outlet



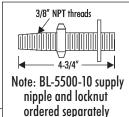
Note: BL-5500-07 panel supply nipple and locknut ordered separately

#### **Panel Flanges, Stops and Turrets**

#### 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
- 5-1/2" (140 mm) from center of inlet to end of tip
- 5-1/2" (140 mm) height
- 2" (51 mm) diameter turret
- Snap-in color coded index; specify gas, air or vacuum





**BL-4300-01** Turret with one straight stop

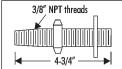
**BL-4300-02** Turret with two straight stops at 180° **BL-4300-04** Turret with four stops

### BL-4422-0 Turret with Two Water Outlets

- 2" (51 mm) diameter turret base
- Double water outlet with angle serrated hose tips at 90°
- Atmospheric vacuum breaker
- 3/8" NPT female inlet

BL-4422-01 Same as BL-4422-0 except with one water outlet





Note: BL-5500-10 supply nipple and locknut ordered separately

#### BL-4501-01 Straight Stop

- 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



### BL-4350-01 Panel Flange with Straight Stop

- 3/8" NPT female inlet
- Serrated hose tip
- 5-5/8" (143 mm) length
- 2" (51 mm) diameter flange
- Snap-in color coded index; specify gas, air or vacuum
- Internal floating stainless steel cone regulates gas flow as handle is turned
- Forged brass four arm handle

BL-4355-01 Same as BL-4350-01 except for water; specify hot or cold



Note: BL-5500-10 supply nipple and locknut ordered separately

#### BL-4500-01 Straight Stops

- 3/8" NPT male inlet
- 5" (127 mm) length
- Removable serrated hose tip
- Forged brass four-arm handle
- Snap-in color coded index; specify gas, air or vacuum
- Internal floating stainless steel cone regulates gas flow as handle is turned

**BL-4500-02** Same as BL-4500-01 except with Eterna construction for water; specify hot or cold

BL-4500-04 Same as BL-4500-03 except with angle serrated tip

#### BL-4520-01 Angle Stop

- 3/8" NPT male inlet
- Serrated hose tip
- Floating stainless steel cone and removable seat
- Forged brass four-arm handle with colored index
- Snap-in color coded index; specify gas,air or vacuum
- 3-1/2" (89 mm) length from center
- 4-5/8" (117 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; specify hot or cold

#### **Remote Control Valve Units**

#### BL-4700-01 **Remote Control Straight Valve Unit**



- Stainless steel floating cone and removable seat
- Snap-in color coded index; specify gas, air or vacuum
- Specify distance from center of valve to face of panel standard is 18" (457 mm)
- Furnished with polished chrome guide for use on wood furniture

Note: Valve can be furnished with 3/8" NPT male or 1/2" NPT male inlet when specified

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; specify hot or cold

#### BL-4720-01 **Remote Control Angle Valve Unit**



- Stainless steel floating cone and removable seat
- Snap-in color coded index; specify gas, air or vacuum
- Specify distance from center of valve to face of panel standard is 18" (457 mm)
- Furnished with polished chrome guide for use on wood furniture

Note: Valve can be furnished with 3/8" NPT male or 1/2" NPT male inlet when specified

- 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; specify hot or cold
- **BL-4720-02MF** Same as BL-4720-02 except with quide bushing for metal furniture
- BL-4720-03 Same as BL-4720-01 except with stainless steel floating cone and seat for steam. With black heat resistant handle

#### **BL-4710-01 Remote Control Straight Valve Unit**



- 3/8" NPT female inlet and outlet
- Stainless steel floating cone and removable seat
- Specify gas, air or vacuum
- Specify distance from center of valve to face of panel standard is 18" (457 mm)
- Furnished with polished chrome guide for use on wood furniture

Note: Valve can be furnished with 3/8" NPT male or 1/2" NPT male inlet when specified

**BL-4710-02** Same as BL-4710-01 except with Eterna construction for water; specify hot or cold

BL-4710-03 Same as BL-4710-01 except with stainless steel floating cone and seat for steam. With black heat resistant handle

#### BL-4730-03 **Remote Control Angle Valve Unit**



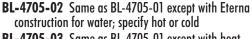
- Universal joint at valve to correct for minor misalignment
- 3/8" NPT female inlet and outlet
- Stainless steel floating cone and seat for steam
- Black heat-resistant handle (not shown)
- Snap-in color coded index; specify gas, air or vacuum
- Specify distance from center of valve to face of panel standard is 18" (457 mm)
- Furnished with polished chrome guide for use on wood furniture

Note: Valve can be furnished with 3/8" NPT male or 1/2" NPT male inlet when specified

### **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
- Forged brass four-arm handle with colored index
- Snap-in color coded index; specify gas, water or vacuum
- Working parts are removable from front eliminating entry into hood compartments



**BL-4705-03** Same as BL-4705-01 except with 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) diameter
- 11-1/2" (292 mm) height
- 5-1/2" (140 mm) spread gooseneck



BL-4750-07 Same as BL-4750-03 except with wall mounted turret

Notes

#### **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-9000-05 **Aluminum Cross Bar**

- 3/4" diameter aluminum rod
- 39" (991 mm) long

#### BL-9000-09 **Flush Plate**

- 1-1/8" (29 mm) diameter shank
- Fits table tops from 3/4" (19 mm) to 1-1/2" (38 mm) thick
- Fits into recess in table to receive BL-9000-01 upright rods
- Satin chrome plated brass



#### BL-9000-10 Clamp

- For 3/4" (19 mm) diameter aluminum rods
- Satin aluminum finish



#### BL-9005-01 **Crowned Top Flush Plate**

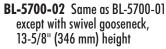
- Convex top surface for use on tabletops without recess
- 1-1/8" (29 mm) diameter thread
- Fits table tops from 3/4" (19 mm) to 1-1/2" (38 mm) thick
- Designed to receive BL-9000-01 upright rods
- Satin chrome plated brass



#### **Double Ledge Faucets**

#### BL-5700-01 **Double Ledge Faucet**

- Single hole base with under counter spreader assembly
- 1/2" NPT male inlets
- 3/8" NPSM gooseneck, 5-1/2" (140 mm) spread
- 1-1/8" (25 mm) shank diameter
- 13-11/16" (347 mm) height
- Plastic mounting gasket included
- Serrated hose tip
- Tailpiece and nut furnished for optional 1/4" NPT connection



BL-5700-03 Same as BL-5700-01 except with swivel gooseneck with swivel to rigid conversion washer

BL-5700-04 Same as BL-5700-01 except with B-0199-02 aerator in place of serrated tip



#### BL-5700-08 **Double Ledge Faucet**

- Rigid vacuum breaker gooseneck
- Single hole base with under counter spreader assembly
- 1/2" NPT male inlets
- 3/8" NPSM gooseneck with 5-7/16" (138 mm) spread
- 1-1/8" (29 mm) shank diameter
- 12-3/8" (314 mm) height
- Plastic mounting gasket included
- Serrated hose tip
- Tailpiece and nut furnished for optional 1/4" NPT connection

**BL-5700-08-VR** Same as BL-5700-08 except with vandal-resistant pins

BL-5700-09 Same as BL-5700-08 except swivels at vacuum breaker



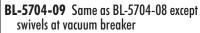
#### **Double Ledge Faucets**

#### BL-5704-01 Double Ledge Faucet

- 1/2" NPT male inlets
- Single hole base with under counter spreader assembly
- 3/8" NPSM gooseneck, 5-1/2" (140 mm) spread
- 1-1/8" (25 mm) shank diameter
- 13-11/16" (347 mm) height
- Plastic mounting gasket included
- Serrated hose tip
- Tailpiece and nut furnished for optional 1/4" NPT connection
- **BL-5704-02** Same as BL-5704-01 except with swivel gooseneck
- **BL-5704-03** Same as BL-5704-01 except with swivel gooseneck (5-7/8") spread and swivel to rigid conversion washer
- BL-5704-04 Same as BL-5704-01 except with B-0199-02 aerator in place of serrated tip (2.2 GPM)
- BL-5704-05 Same as BL-5704-04 except with quarter-turn eterna cartridges and 4" (102 mm) wrist action handles except with B-0199-02 aerator in place of serrated tip (2.2 GPM)



- Rigid vacuum breaker gooseneck
- 1/2" NPT male inlets
- Single hole base with under counter spreader assembly
- 3/8" NPSM gooseneck with 5-11/16" (144 mm) spread
- 1-1/8" (29 mm) shank diameter
- 12-3/8" (314 mm) height
- · Plastic mounting gasket included
- Serrated hose tip
- Tailpiece and nut furnished for optional 1/4" NPT connection



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

- Rigid gooseneck
- 1/2" NPSM shank
- 3/8" NPSM gooseneck with 5-5/8" (144 mm) spread
- 14-1/8" (359 mm) height
- Plastic mounting gasket included
- Removable serrated hose tip
- Specify hot or cold
- Fits ledge up to 1-1/2" (28 mm) thick
- Tailpiece and nut furnished for optional 1/4" NPT connection
- BL-5705-02 Same as BL-5705-01 except with swivel gooseneck, height 14-3/16" (360 mm)
- **BL-5705-03** Same as BL-5705-01 except with swivel gooseneck with rigid to swivel conversion washer
- **BL-5705-04** Same as BL-5705-01 except with B-0199-02 aerator in place of serrated tip



#### BL-5705-08 Single Ledge Faucet

- Rigid vacuum breaker gooseneck
- 1/2" NPSM shank
- 3/8" NPSM gooseneck with 5-11/16" (144mm) spread
- 1-1/8" (29 mm) shank diameter
- 12-3/4" (324 mm) height
- Plastic mounting gasket included
- Serrated hose tip
- · Specify hot or cold
- Fits ledge up to 1-1/2" (38 mm)
- Tailpiece and nut furnished for optional 1/4" NPT connection
- BL-5705-09 Same as BL-5705-08 except with swivel at vacuum breaker
- BL-5705-08-VR Same as BL-5708-08 except with vandal-resistant anti-rotation screws in base, vandal-resistant handle and vandal-resistant loctited joints



#### D 58

#### **Lab Faucets**

#### BL-5710-01 Single Sink Faucet

- 1/2" NPT female inlet
- 3/8" NPSM rigid gooseneck
- 11" (279 mm) height from center of inlet to top of gooseneck
- 5-5/8" (143 mm) gooseneck spread
- 8-1/2" (210 mm) distance from wall to outlet
- Specify hot or cold water
- Serrated hose tip



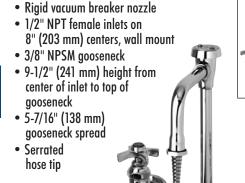
**BL-5710-03** Same as BL-5710-01 except with swivel gooseneck

**BL-5710-07** Same as BL-5710-01 except with rigid vacuum breaker nozzle, 10-1/16" (256 mm) height from center of inlet to top of vacuum breaker

**BL-5710-09** Same as BL-5710-01 except with swivel vacuum breaker nozzle

**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



Inset: BL-5725-01 Same as BL-5725-08 except with standard rigid gooseneck

**BL-5725-02** Same as BL-5725-01 except with standard swivel gooseneck

**BL-5725-09** Same as BL-5725-08 except with swivel vacuum breaker gooseneck

#### BL-5715-08 Ledge Mixing Faucet

- Rigid vacuum breaker nozzle
- 1/2" NPT female inlets on 8" (203 mm) centers
- 3/8" NPSM rigid gooseneck
- 11-15/16" (303 mm) height from deck to top of vacuum breaker
- 5-7/16" (138 mm) nozzle spread
- Serrated hose tip





BL-5715-01 Same as BL-5715-08 except with standard rigid gooseneck (inset, above)

**BL-5715-02** Same as BL-5715-01 except with standard swivel gooseneck

**BL-5715-09** Same as BL-5715-08 except with swivel vacuum breaker nozzle

#### BL-5707-01 Single Science Table Faucet

- Vandal resistant single science table faucet
- 1/2" NPSM shank
- 2" (51 mm) diameter on base
- Two brass balls lock into table top indents to prevent vandalizing (drilling template included)
- 13-3/16" (335 mm) height
- 6-1/2" (166 mm) spread nozzle
- 1/2" NPT heavy duty riser pipe
- Serrated hose tip
- Tailpiece and nut furnished for optional 1/4" NPT connection



**BL-5707-04** Same as BL-5707-01 except handle is  $180^{\circ}$  to nozzle

#### **Lab Faucets**

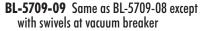
#### BL-5707-03 **Combination Science Table Faucet**

- Vandal resistant combination science table faucet
- 1/2" NPSM shank
- 2" (51 mm) diameter on bases
- 12-3/4" (324 mm) height
- Two brass balls lock into table top indents to prevent vandalizing (drilling template included)
- 5-7/16" (138 mm) spread nozzle
- 1/2" NPT heavy duty riser pipe
- Serrated hose tip
- Plastic mounting gasket included
- Specify distance between centers of faucets — standard is 6"
- One hot index, one cold index
- Tailpiece and nut furnished for optional 1/4" NPT connection



#### **BL-5709-08 Single Ledge Faucet**

- Rigid vacuum breaker nozzle
- 1/2" NPSM shank
- 3/8" NPSM gooseneck with 5-7/16" (138 mm) spread
- 12-11/16" (322 mm) height
- Serrated hose tip
- Plastic mounting gasket included
- Specify hot or cold water
- Tailpiece and nut furnished for optional 1/4" NPT connection



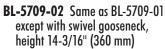
**BL-5709-05** Same as BL-5709-09 except with swivel nozzle with swivel to rigid conversion washer and 4" (102 mm) wrist action handle

BL-5709-08WH4 Same as BL-5709-08 except with 4" (102 mm) wrist action handle



#### BL-5709-01 **Single Ledge Faucet**

- 1/2" NPT shank
- 3/8" NPSM gooseneck with 5-5/8" (144 mm) spread
- 14-1/8" (359 mm) height
- Specify hot or cold water
- Serrated hose tip
- Plastic mounting gasket included
- Tailpiece and nut furnished for optional 1/4" NPT connection



BL-5709-04 Same as BL-5709-01 except with B-0199-02 aerator in place of serrated tip



#### BL-5735-01 **Wall Mounted Mixing Faucet**

- 1/2" NPT female inlets
- Rigid gooseneck with 5-5/8" (143 mm) spread
- Four arm handles
- Serrated hose tip

Note: 3/4" female inlets and swing nozzle available as modifications



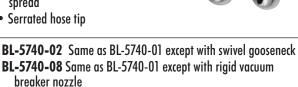
BL-5735-09 Same as BL-5735-08 except with swivel vacuum breaker gooseneck nozzle

**BL-5735-02** Same as BL-5735-01 except with swivel gooseneck

#### **Lab Faucets**

#### BL-5740-01 **Sink Mixing Faucet**

- 1/2" NPT female inlets adjustable from 2-1/4" (57 mm) to 8-1/4" (210 mm) centers
- 3/8" NPSM rigid gooseneck
- 10-1/4" (260 mm) height from center of faucet to top of gooseneck
- 8-1/2" (216 mm) from wall to outlet of gooseneck
- 5-5/8" (144 mm) gooseneck spread
- Serrated hose tip



#### BL-5755-01 **Single Temperature Lab Faucet**

- 1/2" NPSM male shank
- Fits ledges up to 1-1/2" (38 mm) thick
- 9" (229 mm) swing nozzle with stream regulator outlet
- Four arm handle
- Tailpiece and nut furnished for optional 1/4" NPT connection



#### BL-5800-02 **Single Supply Lab Faucet**

- Serrated hose tip
- Four arm handle
- 1/2" NPT female inlet
- 4" (102 mm) length



#### BL-5750-01 Sink Mixing Faucet

- 1/2" NPT male inlet
- 3/8" NPSM gooseneck
- Removable serrated hose tip
- · Specify hot or cold water
- Tailpiece and nut furnished for optional 1/4" NPT connection



#### **BL-5775-08 Sink Mixing Faucet**

- 1/2" NPT female inlets on 8" (203 mm) centers
- 8-5/8" (219 mm) vacuum breaker swing nozzle
- Serrated hose tip



**BL-5775-01** Same as BL-5775-08 except with standard swing nozzle, no vacuum breaker

#### BL-5850-01 **Single Self-Closing Ledge Faucet**

- 1/2" NPT female inlet
- 3/8" NPSM rigid gooseneck
- Fits ledges up to 1-1/2" thick
- Serrated hose tip
- Specify hot or cold water
- Tailpiece and nut furnished for optional 1/4" NPT connection
- 14-1/8" (359 mm) height
- 5-5/8" (181 mm) spread
- Fast self closing four arm handle

**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 swivel gooseneck



#### **Lab Faucets**

### BL-6000-02 Combination Gas and Water Faucet

- Combination unit with gooseneck and two hose cocks
- 3/8" NPT male inlets for water and gas
- Serrated hose tip
- Specify gas, air or vacuum to snap-in color coded index
- 10-1/2" (267 mm) height
- 6" (152 mm) spread gooseneck
- Four arm handle
- Furnished with two (2) supply nipples, special lock washer, lock nuts and mounting gasket





#### BL-6005-02 Combination Gas and Water Faucet

- Combination unit with rigid vacuum breaker nozzle and two hose cocks
- 3/8" NPT male inlets for water and gas
- Serrated hose tip
- Specify gas, air or vacuum to snap-in color coded index
- 11-1/2" (292 mm) height
- 6" (152 mm) spread gooseneck
- Four arm handle
- Furnished with two (2) supply nipples, special lock washer, lock nuts and mounting gasket

BL-6005-03 Same as BL-6005-02 except with 8" gooseneck spread



#### **Lab Faucets and Miscellaneous Fixtures**

#### BL-6050-01 Multi-Water Fixture

- 1/2" NPT female inlet
- 3/8" NPSM gooseneck
- 18-3/8" (466 mm) overall height
- 5-5/8" (143 mm) spread rigid gooseneck
- Serrated hose tip
- One bottom valve
- Four arm chrome plated brass handles with colored index buttons

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-9515-01 PVC Single Ledge Faucet Self-Closing

- PVC faucet with rigid gooseneck
- Dual lever control for manual or selfclosing operation
- 1-1/4" (32 mm) dia. shank and locknut
- Serrated hose tip
- 3/8" NPT female inlet
- All PVC for use with distilled water
- 12-1/4" (311 mm) height, 6-1/4" (159 mm) spread

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



- PVC faucet with rigid gooseneck
- 1-1/4" (32 mm) diameter threaded shank and locknut
- Serrated hose tip
- 3/8" NPT female inlet
- All PVC for use with distilled water
- 12-1/4" (311 mm) height, 6-1/4" (159 mm) spread

BL-9505-02 Same as BL-9505-01 except no shank and lock nut, with 1/2" NPT female inlet



#### BL-5000-01 Double Pedal Valve

- Floor-mounted double pedal valve
- Self-closing valve with two pedals
- 1/2" NPT female inlets and outlet
- 2-1/2" (64 mm) center to center of inlets
- 1" (25 mm) from floor to center of inlets

#### BL-5000-02 Single Pedal Valve

- Floor-mounted single pedal valve
- Self closing valve with one pedal
- 1/2" NPT female inlet and outet
- 1" (25 mm) from floor to center of inlet





#### **Lab Accessories**

#### BL-5500-0 Filter Pump (Aspirator)

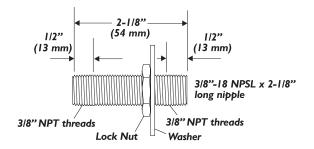
- 3/8" NPT male inlet
- Includes check valve
- 2-15/16" (75 mm) overall length
- Creates suction by water flow



#### BL-5500-07 Supply Nipple Unit

- Supply nipple and lock nut
- 3/8" NPT threads
- 2-1/8" (54 mm) long
- Used with panel flanges

BL-5500-09 Same as BL-5500-07 except with 1/2" NPT threads, 2" (51 mm) long for use on panel mount faucets



#### BL-5505-07 Four Arm Handle

- Black polypropylene
- Color coded snap-in index button and screw



#### BL-5545-01 Volume Control Unit

- Volume control fitting with adjustable volume control knob
- 3/8" NPT inlet and outlet



#### BL-5500-03 6" Wrist Action Handle

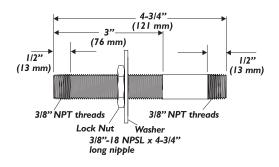
- 6" (152 mm) long
- Can be used in place of lever handles originally furnished



- Chrome plated brass
- Includes color coded index button

#### BL-5500-10 Supply Nipple Unit

- Supply nipple, lock nut and washer
- 3/8" NPT threads
- 4-3/4" (121 mm) long
- For use with BL-4100 turret series



**BL-5500-08** Same as BL-5500-10 except with 1/2" NPT threads, 3-3/8" (86 mm) long; for use on ledge mount faucets

#### BL-5550-01 Non-Splash Aerator

- Aerator with 3/8" NPSM male adapter
- Fits lab goosenecks

**BL-5550-01F** Same as BL-5550-01 except with flow control



#### **Lab Accessories**

#### BL-5550-04 Straight Serrated Hose Tip

- 3/8" (9 mm) NPT male inlet
- Serrated hose tip
- 2-5/8" (67 mm) long
- Fits lab goosenecks and nozzles



**BL-5550-05** Same as BL-5550-04 except with angle tip

#### 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



#### BL-5550-23 Rigid to Swivel Adapter

- Converts 3/8" NPT rigid outlet to swivel
- Accepts T&S goosenecks and swing nozzles
- Use two washers (part no. 000986-45) to make nozzle or gooseneck rigid
- 1-5/16" (33 mm) height



#### 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-5550-12 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

- Converts swivel outlet to 3/8" NPT female for rigid connection
- Accepts T&S rigid goosenecks and nozzles
- 1" (25 mm) height



#### BL-5550-30 Restricted Swing Adapter

- Fits faucets with 3/8" NPT female outlet
- Restricts the swivel action for 100°
- Requires special nozzle or gooseneck fitted with restrictor pins



Notes			

#### **Lab Accessories**

#### BL-5560-01 Rigid Gooseneck with Vacuum Breaker

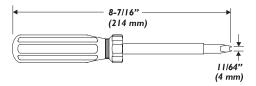
- 3/8" NPT male inlet
- Serrated hose tip
- 8-7/8" (225 mm) total height
- 5-7/16" (138 mm) spread

**BL-5560-02** Same as BL-5560-01 except with swivel connection at vacuum breaker



#### BL-5707-05 Spanne<u>r Screwdriver</u>

• 8-7/16" (214 mm) spanner screwdriver



#### BL-5561-02 Lab Nozzle

- 9" (229 mm) lab nozzle
- Stream regulator outlet
- Fits swivel faucets



**BL-5561-03** same as BL-5561-02 except 12" (305 mm) long

#### BL-5707-10 Vandal Resistant Brace

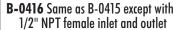
- 6" (152 mm) vandal resistant brace
- For use on lab equipment



#### **Loose Key Stops**

#### B-0415 Straight Loose Ke<u>y Stop</u>

3/8" NPT female inlet and outlet





#### B-1305 Angle Loose Key Stop

- Flexible supply assembly with loose key angle stop
- 1/2" NPT female inlet
- 1/2" O.D. x 12" (305 mm) long flexible copper tube
- 2-1/2" (64 mm) diameter wall flange
- **B-1305-01** Same as B-1305 except with 3/8" O.D. flexible copper tube
- **B-1306** Same as B-1305 except with 3/8" NPT female inlet
- **B-1306-01** Same as B-1306 except with 3/8" O.D. flexible copper tube



#### B-0418 Angle Loose Key Stop

1/2" NPT female inlet and outlet



#### 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



#### B-1336 Angle Key Stop

- 3/8" NPT female inlet
- 3/8" NPT female outlet
- Loose key handle
- Vandal resistant (loose key stop)



#### **Loose Key Stops**

#### B-1340 Angle Stop

- Angle stop with four arm handle (174F)
- 1/2" NPT female inlet
- Eterna spindle assembly (084A)
- 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 (174F)
- Eterna spindle assembly (084A)
- 1/2" 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
- 1/2" NPT male outlet
- 2" (51 mm) diameter flange





#### B-1342 Angle Key Stop

- 1/2" NPT female inlet
- Eterna spindle assembly (123A)
- Outlet with compression nut and sleeve to fit 1/2" (13 mm) O.D. copper tubing



**B-1343** Same as B-0417 except with 3/8" NPT female inlet

#### B-1346 Angle Key Stop

- 1/2" NPT female inlet
- Eterna spindle assembly (124A)
- 3/8" NPT female outlet
- Loose key handle



#### B-1355 Angle Loose Key Stop

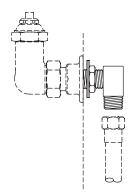
- 3/8" NPT female union coupling inlet
- 3/8" NPT Female outlet
- 2" (51 mm) diameter wall flange



## Parts Kits For Plumbing

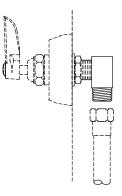
#### B-0230-K Parts Kit

 Parts included:
 1/2" NPT Supply nipple, lock nut and washer
 1/2" NPT Male and female short EL



#### B-1100-K Parts Kit

Parts included:
 1/2" NPT Male and female short EL





#### **Parts Kits For Plumbing**

#### **B-6K** Eterna Spindle Parts Kit

• Parts included:

000788-20 Right hand Eterna insert 000789-20 Left hand Eterna insert 000811-25 Right hand spindle insert Left hand spindle insert 1 000812-25 Seat washer screws 4 000933-45 10 001022-45 Gaskets

12 002601-45 Gaskets 22 001092-45 Seat washers



#### **B-13K Spring Check Spindle Kit**

Parts included:

1 001907-25 Right hand spindle insert 001908-25 Left hand spindle insert 2 003164-45 Seat washer — spring check 001479-45 Spring check spring



#### **B-9K Lever Handle Kit**

• Parts included:

2 001638-45 Lever handle — blank 001661-45 Index button, red — hot 001660-45 Index button, blue — cold 000922-45 Lever handle screw



#### **B-11K Eterna Cartridge Spindle Kit**

• Parts included:

000811-25 Right hand spindle insert 000812-25 Left hand spindle insert 2 000933-45 Seat washer screw

009841-45 Seat washer



#### **B-15K EasyInstall Concealed Widespread Faucet Parts Kit**

• Parts included:

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

000789-20 Left hand removable 6 insert assembly

000812-25CWS Left hand spindle

assembly 12 000788-20 Right hand removable

insert assembly

000811-25CWS Right hand spindle assembly



• Parts included:

6

- 1 Diverter valve stem
- 1 Diverter valve seal
- 2 Diverter valve 'O'-Rings
- 1 Diverter valve body
- 1 Diverter valve stem seal



### **Parts Kits For Plumbing**

#### 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

1 001194-45 Index button, red — hot



#### B-WH4 and B-WH6 Wrist Action Handles

• Order:

B-WH4-H 4" (102 mm) handle, hot index (red) and screw B-WH4-C 4" (102 mm) handle, cold index (blue) and screw B-WH6-H 6" (152 mm) handle, hot index (red) and screw B-WH6-C 6" (152 mm) handle, cold index (blue) and screw B-WH4 4" Handle only B-WH6 6" Handle only



#### B-19K Four Arm Handle Kit– Service Sinks

• Parts included:

2 002521-45 Four arm handle
 2 000922-45 Handle screw
 1 001660-45 Index button, blue — cold

1 001661-45 Index button, red — hot



#### 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-50P Foot Pedal Valve Parts Kit

• Parts included:

4 009306-20 Valve stem

4 003690-45 Spring

4 000974-45 Bonnet washer

4 001040-45 Bonnet washer

4 001100-45 Packing stem

4 012915-45 B-0107 Seat washer (new style)

1 012665-45 Silicon grease tube



#### 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





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

#### **Swing Nozzles**

 Nozzle tip has male threads with a stream regulator

Model No.	Standard S Length	izes Clearance
059X	6" (152 mm)	2-5/16" (59 mm)
060X	8" (203 mm)	2-15/16" (74 mm)
061X	10" (254 mm)	3-5/8" (92 mm)
062X	12" (305 mm)	3-3/4" (95 mm)
063X	14" (356 mm)	5" (127 mm)
064X	16" (406 mm)	5-13/16" (147 mm)
065X	18" (457 mm)	6-3/8" (162 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)	<b>060XP</b> Plain end outlet
<b>062XM</b> Master Box (12)	062XP Plain end outlet
<b>063XM</b> Master Box (12)	

Note: Use Series 1 outlets on these swing nozzles

#### **Swivel** Gooseneck

 Nozzle tip has male threads with a stream regulator



Model	Standard Size	es :	
No.	Spread	Height	Clearance
131X	2-13/16" (71 mm)	4-3/4" (120 mm)	2-9/16" (65 mm)
132X	2-3/4" (70 mm)	9-1/16" (230 mm)	5-9/16" (142 mm)
133X	5-11/16" (145 mm)	10-3/8" (264 mm)	6-3/8" (162 mm)
134X	7-3/4" (192 mm)	11-7/16" (290 mm)	5-1/2" (139 mm)
135X	8-3/4" (223 mm)	12-1/16" (306 mm)	5-9/16" (141 mm)
136X	12-1/4" (310 mm)	14-11/16" (373 mm)	5-3/8" (137 mm)

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

131X-ADA ADA gooseneck

131XM Master Box (6)

132XM Master Box (6)

133XM Master Box (6)

135XM Master Box (6)

#### **Swivel Gooseneck/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

Note: Use Series 2 outlets on these goosenecks except for 131X and 133X, which use Series 1 outlets

#### **Double-Joint Nozzles**

 Nozzle tip has male threads with a stream regulator

Back

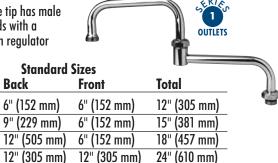
Model

No.

066X 067X

068X 069X

AA - J - I



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

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

Note: Use Series 1 outlets on these nozzles

#### Rigid Gooseneck

• Nozzle tip has 3/8" NPSM outlet with a stream regulator

Canadanal Cine



Model	Standard Size	S	VI.
No.	Spread	Height	Clearance
119X	2-3/4" (70 mm)	8-3/4" (222 mm)	5-1/4" (133 mm)
120X	5-1/2" (140 mm)	10-1/4" (261 mm)	5-5/16" (135 mm)
122X	5-1/2" (140 mm)	11-1/2" (292 mm)	6-7/16" (164 mm)
123X	5-1/2" (140 mm)	12-1/2" (318 mm)	7-1/2" (190 mm)
124X	5-1/2" (140 mm)	13-1/2" (343 mm)	8-9/16" (217 mm)
125X	5-1/2" (140 mm)	14-1/2" (368 mm)	9-9/16" (243 mm)
126X	5-1/2" (140 mm)	15-1/2" (394 mm)	10-1/2" (267 mm)
127X	7-5/8" (194 mm)	10-/12" (267 mm)	4-1/2" (114 mm)
128X	7-5/8" (194 mm)	13-1/2" (343 mm)	7-9/16" (192 mm)
129X	8-5/8" (219 mm)	11-3/4" (298 mm)	5-1/2" (140 mm)
130X	12-3/16" (310 mm)	13-3/8" (340 mm)	4-9/16" (116 mm)
165X	4-1/16" (103 mm)	8-1/4" (210 mm)	4-13/16" (122 mm)

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

#### Rigid Gooseneck/Plain End:

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

Note: Use Series 2 outlets on these goosenecks



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

#### Soap Dish Nozzle

- Nozzle has 3/8" NPSM female outlet with stream regulator
- A swing nozzle with soap dish can be supplied on T&S faucets instead of the standard nozzle

#### Model

No.	Length
160X	6" (152 mm)
	8" (203 mm)
162X	12" (305 mm)
163X	18" (457 mm)



Note: Use Series 2 outlets on these nozzles

#### Rigid Vacuum Breaker Gooseneck

- Rigid polished chrome plated gooseneck with vacuum breaker
- 3/8" NPT male inlet
- Nozzle has 3/8" NPSM female outlet with stream regulator



Model No.	Spread	Height	Clearance
B-0405-02	5-5/8" (142 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: Use Series 2 outlets on these goosenecks

## Vacuum Breaker Swing Nozzle with Stream Regulator

- Nozzle has 3/8" NPSM female outlet with stream regulator
- Vacuum breaker swing nozzles can be supplied on T&S faucets instead of nozzles ordinarily furnished to meet local code requirements



#### 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: Use Series 2 outlets on these nozzles

#### 0CS6 Swivel Cast Spout



 Polished chromium plated cast nozzle with aerator outlet



2

Model No.	Length	Height	Clearance
<b>0CS6</b>	6" (152 mm)	2-3/8" (60 mm)	15/16" (24 mm)
0CS8	8" (203 mm)	5-3/16" (132 mm)	3-13/16" (96 mm)

**OCS6-LT** 6" (152 mm) with B-LT stream regulator **OCS8-LT** 8" (229 mm) with B-LT stream regulator

Note: Use Series 2 outlets on these spouts

#### Swivel Vacuum Breaker Gooseneck

- 3/8" NPT male inlet
- Nozzle has 3/8" NPSM female outlet with stream regulator
- B-0406-02, -03, -04
  Rigid polished chrome plated gooseneck with swivel vacuum breaker swivels at vacuum breaker
- B-0407-02, -03, -04
   Swivel polished chrome plated gooseneck with vacuum breaker swivels at base

#### Model

No. Spread		Height	Clearance	
B-0406-02	5-5/8" (143 mm)	9" (229 mm)	4-11/16" (119 mm)	
B-0406-03	8-5/8" (219 mm)	9" (229 mm)	4-11/16" (119 mm)	
B-0406-04	11-5/8" (295 mm)	9" (229 mm)	4-11/16" (119 mm)	
B-0407-02	5-5/8" (143 mm)	8-11/16" (221 mm)	4-3/8" (111 mm)	
B-0407-03	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: Use Series 2 outlets on these goosenecks

### Vacuum Breaker Swing Nozzle with Garden Hose Thread

- Nozzle has 3/4" garden hose thread outlet
- Vacuum breaker swing nozzles can be supplied on T&S faucets instead of nozzles ordinarily furnished to meet local code requirements



#### 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)	

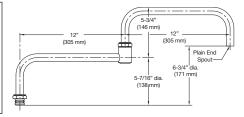
Note: Use Series 2 outlets on these nozzles

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

#### Big-Flo Double Joint Nozzle

• Double-joint nozzle for Big-Flo faucets with 3/4" inlets

116X 24" (610 mm)
double joint swing
nozzle
117X 12" (305 mm)
front section of
double joint swing
nozzle



#### **NEW MODELS!**

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

 For use with Big-Flo faucets with 3/4" inlets

Model	Standard S			
No.	Length	Clearance	Height	
114X	12" (305 mm)	5-3/16" (132 mm)	8-5/8" (219 mm)	
115X	18" (457 mm)	7-3/16" (183 mm)	10-5/8" (270 mm)	

Note: No special outlets are available for these spouts

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



#### B-2387 Swivel Gooseneck

- For use with swivel type base faucets
- Chrome plated
- 8-1/2" (216 mm) spread swivel gooseneck
- 10-1/8" (257 mm) total height
- Non-splash aerator (B-0199-01)
- Other dimensions available upon request



#### **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
- Use two (2) 7X washers (000986-45) to make gooseneck or nozzle rigid

**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 rigid pipe gooseneck is required

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

#### B-0414 Adapter

- Gooseneck coupling
- Adapts a 3/8" IPS pipe gooseneck to faucets with 3/8" IPS outlet providing either a swivel or union connection

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

## **EZ-SWIVEL-CZ Swivel Adapter**

 Swivel adapter for Chicago and Zurn faucets

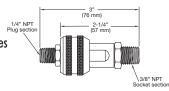
### **EZ-SWIVEL-FM Swivel Adapter**

 Swivel adapter for Fisher faucets

### **Quick-Connect Coupling Set**

#### B-0452 Quick-Connect Coupling Set

- Chrome plated brass
- For use with water, air Plug section and non-corrosive gases
- When 1/4 NPT plug is removed from quickconnect socket, flow is automatically shut off



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

Rigid to swivel adapter with

- Rigid to swivel adapter with flow control tower
- Refer to "Flow Tower Chart" to specify flow desired and add numbers to model suffix
- 1"-20 UN male thread x 3/8"-18 NPT male thread
- For use on lavatory faucets to conserve water

#### New Water-Saving Adapter



Flow Tower Chart			
Model No.	Flow (GPM)		
B-0412- <b>F03</b>	0.25		
B-0412- <b>F05</b>	0.40		
B-0412- <b>F07</b>	0.70		
B-0412- <b>F10</b>	0.90		
B-0412- <b>F12</b>	1.20		
B-0412- <b>F15</b>	1.40		
B-0412- <b>F16</b>	1.60		
B-0412- <b>F20</b>	2.00		

#### **Handles**

#### 001144-45 Alpine Handle

- Clear lexan handle
- Fits most T&S faucets
- Order chrome plated index buttons separately

001327-40 Cold Index 001328-40 Hot Index 001326-40 Blank Index



#### 001784-40 Dome Handle

- Polished chrome zinc metal handle
- Conceals stem and bonnet
- Screw and index blue (cold) sold separately

001783-40 Dome handle, with red (hot) index sold separately



### B-WH4 Wrist Action Handle

- Chrome plated forged brass handle, 4" (102 mm) long
- Fits all T&S faucets
- Cold index: 001686-45
- Hot index: 001194-45
- Screw only: 000925-45
- Available with antimicrobial coating

B-WH4H Includes 4" handle, hot index button and screw

B-WH4C Includes 4" handle, cold index button and screw

B-WH6 Same as B-WH4 except 6" (152 mm) long

B-WH6H Includes 6" handle, hot index button and screw

B-WH6C Includes 6" handle, cold index button and screw

#### **Push Button Handle**

- Chrome plated handle for metering faucets
- Available with antimicrobial coating



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

### **Soap Dishes**

#### B-SD Soap Dish

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



#### 001636-45 Lever Handle

- Chrome plated zinc handle
- Blue index button and screw (cold)
- Available with antimicrobial coating



001637-45 Lever handle with red index (hot) and screw 001638-45 Lever handle with no index

**010027-40** Chrome plated solid brass handle

#### 002521-45 Four Arm Handle

- Chrome plated zinc handle
- Order handle screw separately (000922-45)
- Available with antimicrobial coating
- Order index for hot or cold separately:



**001660-45** Cold handle index (blue) **001661-45** Hot handle index (red)

#### **Club Handle**

Chrome plated decorative handle

009332-41 Hot side 009331-41 Cold side



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

- Chrome plated handle for pivot action metering faucets
- Available with antimicrobial coating



PA-H Hot, with retaining nut and spanner bit

PA-C Cold, with retaining nut and spanner bit

PA-B Blank, with retaining nut and spanner bit

#### B-SDA Soap Dish Assembly

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



Aerators  NEW Water-Saving	Series 1	Series 2	Series 3	Series 4	Series 5
NEW! Check out our new water-saving aerators and outlets! Standard Aerators	• 55/64"-27 UN female aerator threads • Fits all swing nozzles and 131X, 133X gooseneck • -WS models are water-saving aerators	3/8" NPSM male thread     Fits goosenecks     -WS models are water-saving aerators	13/16"-27 UN male aerator thread     Fits lavatory spouts     -WS models are water-saving aerators	• 15/16"-27 UN male thread • Fits single lever line • -WS models are water-saving aerators	13/16"-24 UN female thread     Fits other manufacturer's faucets     Includes adapter and washer with aerator
• Non-splash aerator	<b>B-0199-01</b> (2.2 GPM)	<b>B-0199-02</b> (2.2 GPM)	<b>B-0199-03</b> (2.2 GPM)	<b>B-0199-04</b> (2.2 GPM)	
Vandal Resistant Aerator  • Vandal resistant, non-splash aerator • Use tool to attach and remove aerator  Water-Conserving Aerators	<b>B-0199-06</b> (2.2 GPM)	<b>B-0199-07</b> (2.2 GPM)	<b>B-0199-08</b> (2.2 GPM)	<b>B-0199-09</b> (2.2 GPM)	
Aerator with Flow Control  • Non-splash aerator with flow control	<b>B-0199-01F-</b> <u>X</u> <u>X</u> Refer to Aerato	<b>B-0199-02F-</b> <u>X</u> <u>X</u> r Flow Chart to add			
Vandal Resistant Aerator with Flow Control  • Non-splash, vandal resistant aerator with flow control  • Tool to attach and remove aerator	B-0199-06F- <u>X</u> <u>X</u> Refer to Aerato	B-0199-07F- <u>X X</u> r Flow Chart to add	<b>B-0199-08F- <u>X</u> X</b> Suffix Numbers		
NEW! Non-Splash Aerator 1.5 GPM  • Non-splash aerator with flow control	<b>B-0199-01-WS</b> (1.5 GPM)	B-0199-02-WS (1.5 GPM)	B-0199-03-WS (1.5 GPM)	<b>B-0199-04-WS</b> (1.5 GPM)	<b>B-0199-05-WS</b> (1.5 GPM)
NEW! Vandal Resistant Aerator 1.5 GPM   Non-splash, vandal resistant aerator with flow control Tool to attach and remove aerator	<b>B-0199-06-WS</b> (1.5 GPM)	B-0199-07-WS (1.5 GPM)	B-0199-08-WS (1.5 GPM)	<b>B-0199-09-WS</b> (1.5 GPM)	<b>B-0199-10-WS</b> (1.5 GPM)

	Aerator Flow Chart					
	Flow (GPM)	Suffix	Color Code	Flow (GPM)	Suffix	Color Code
	0.25	F03	No color	1.20	F12	Orange
	0.40	F05	Brown	1.40	F15	Purple
	0.70	F07	Green	2.00	F20	Yellow
_	0.90	F10	Grey			

GPM ± 10%

#### To order:

Select flow desired, then add suffix to model number.
For ex.:, B-0199-02<u>F15</u> for 1.40 GPM

#### Note:

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



### **Laminar Flow Outlets**

NEW Water-Saving Models!	Series 1	Series 3	Series 4
NEW! Check out our new non-splash, non-aerated laminar flow devices!	• 55/64"-27 UN female aerator threads • Fits all swing nozzles, 131X, 133X gooseneck	13/16"-27 UN male aerator thread     Fits lavatory spouts	15/16"-27 UN male thread     Fits single lever line
Laminar Flow Regulator	B-0199-21	B-0199-26	B-0199-25
Non-splash, non-aerated stream	(2.2 GPM)	(2.2 GPM)	(2.2 GPM)
Screenless; for use in medical facilities to prevent airborne bacteria from entering water stream	<b>B-0199-29</b> (1.5 GPM)		
NEW! Vandal Resistant Laminar Flow	B-0199-29-VR (1.5 GPM)	<b>B-0199-28</b> (2.2 GPM)	<b>B-0199-27</b> (2.2 GPM)
Same as B-0199-21 except is vandal resistant with key     -VR - female thread	<b>B-0199-21-VRF</b> (2.2 GPM)		
-VRF - female thread -VRM - male thread	<b>B-0199-21-VRM</b> (2.2 GPM)		

### **NEW! Non-Aerated Spray Devices**



### **NEW!** Water-saving 0.35 GPM and 0.5 GPM flow rate

N	E	V	V	ļ

Check out our new watersaving non-aerated spray devices with 0.35 and 0.5 GPM!

Series 1
• 55/64"-27 UN

female thread Fits all swing nozzles, 131X, 133X gooseneck

### Series 2

• 3/8" NPSM male thread Fits goosenecks

### Series 3

• 13/16"-27 UN male thread • Fits lavatory spouts

### Series 4

• 15/16"-27 UN male thread • Fits single lever line

### Series 5 • 13/16"-24 UN

female thread Fits other manufacturer's

faucets

### **Non-Aerated Spray Device**

• Non-splash nonaerated spray device



(0.35 GPM) B-0199-01-N05 (0.5 GPM)

(0.35 GPM) B-0199-02-N05

(0.5 GPM)

(0.35 GPM) B-0199-03-N05

(0.5 GPM)

### B-0199-01-N035 B-0199-02-N035 B-0199-03-N035 B-0199-04-N035 B-0199-05-N035 (0.35 GPM)

B-0199-04-N05

(0.5 GPM)

(0.35 GPM)

B-0199-05-N05

(0.5 GPM)

### Vandal Resistant Non-**Aerated Spray Device**

- Non-splash, vandal resistant nonaerated spray device
- Tool to attach and remove outlet





# (0.35 GPM)

B-0199-06-N035 B-0199-07-N035 B-0199-08-N035 B-0199-09-N035 B-0199-10-N035 (0.35 GPM)

(0.35 GPM)

### (0.35 GPM)

(0.35 GPM)

B-0199-10-N05 B-0199-09-N05 (0.5 GPM)

B-0199-06-N05 (0.5 GPM)

B-0199-07-N05 (0.5 GPM)

B-0199-08-N05 (0.5 GPM)

(0.5 GPM)

### **Outlets**

### **Series 1 Outlets**

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

### B-0103-01 Rosespray

- Female gerator thread
- Solid brass construction



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

- Female aerator thread
- Fits on end of nozzle or gooseneck to convert aerator male thread to male garden hose thread



### **B-PT Stream Regulator**

• Female aerator thread

tant Key

• Plain outlet with screen and washer



### 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



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

 Pro key for vandaĺresistant aerators



### **Series 2 Outlets**



- 3/8" NPSM male thread
- Fits goosenecks

### B-0103 Rosespray

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

### **NEW** water-saving models available:

**B-0103-Fxx models** with flow control assembly and 3/8"-18 NPT male thread - refer to Flow Tower Chart at right to specify flow desired and add numbers to model suffix



### **Flow Tower Chart**

Model No.	Flow (GPM)
B-0103- <b>F03</b>	0.25
B-0103- <b>F05</b>	0.40
B-0103- <b>F07</b>	0.70
B-0103- <b>F10</b>	0.90
B-0103- <b>F12</b>	1.20
B-0103- <b>F15</b>	1.40
R-0103- <b>F20</b>	2 00

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

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



### **B-LT Stream Regulator**

- 3/8" male thread
- Plain outlet



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

- 3/8" NPT male inlet thread
- Serrated h rubber or 1/2" I.D.
- Refer to Flo low to spec add numb

ated hose end accepts per or plastic tubing up to 'I.D. er to Flow Tower Chart be- to specify flow desired and numbers to model suffix	
Flow Tower Chart	

### Model No. Flow (GPM) D 0100 F00

D-0170- <b>ru3</b>	0.25
B-0198- <b>F05</b>	0.40
B-0198- <b>F07</b>	0.70
B-0198- <b>F10</b>	0.90
B-0198- <b>F12</b>	1.20
B-0198- <b>F15</b>	1.40
B-0198- <b>F20</b>	2.00

### For Serrated Hose End To order:

Select flow desired, then add suffix to model number.

Ex.: B-0198-F03 for 0.25 GPM

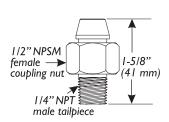


### **Adapters, Inlets, Supply Connectors and Parts Kits**

Adapter Chart				
Dimensions Model				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



### 006895-20 Short Elbow

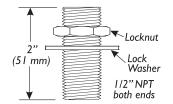
- 1/2" female connectors
- Used with 1/2" male threaded supplies to provide 90° turns at inlets



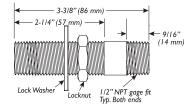
### **Inlets and Supply Connections**

### B-0425 Supply Nipple

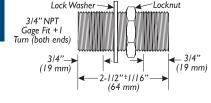
**B-0425-M** Master Box (2)



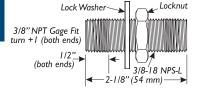
### B-0426 Supply Nipple



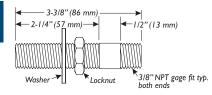
### B-0427 Supply Nipple



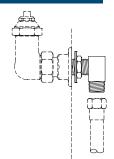
### B-0428 Supply Nipple



### B-0429 Supply Nipple



### B-0230-K Parts Kit



• Parts included:

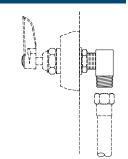
1/2" NPT Supply nipple, lock nut and washer

1/2" NPT Male x Female short EL

### B-0230-KIT Parts Kit

- Parts included:
  - 2 1/2" inlet shanks and close elbows —inlet assembly kit (2 sets per kit)
  - 1 24" flexible supply hose (two sets per kit)

### B-1100-K Parts Kit



 Parts included: 1/2" NPT Male x Female short EL



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)

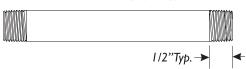
These red brass supply nipples have tapered pipe threads on each end and a running thread between. They are used on faucets with female inlets to make up tightly to vertical or horizontal surfaces. Washer and nut included. Available in chrome if specified.

### Tas

### **Risers and Connectors**

### 3/8" Riser Lengths

3/8" NPT male both ends

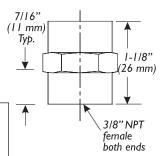


Model No.	Length	Model No.	Length
000357-40	2" (51 mm)	000369-40	18" (457 mm)
000358-40	3" (76 mm)	000372-40	24" (610 mm)
000361-40	5" (127 mm)	000376-40	32" (813 mm)
000363-40	7" (178 mm)	Contact factory	for sizes not shown.

### **Couplings**

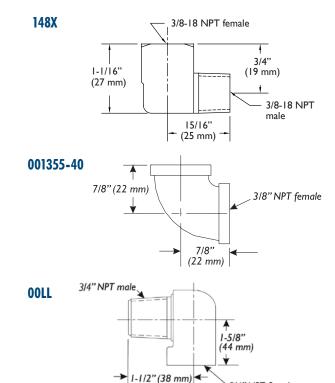
- Used to connect two (2) pipes
- Same thread size on both ends

Dimension	Model No.
3/8" NPT female	001769-40
3/4-14 NPT female	001596-25



3/4" NPT female

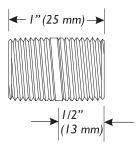
### **Elbows and Tees**



### **Close Nipples**

- Used to connect two (2) pipes
- Male x male
- Same thread size on both ends
- Close nipple will be completely concealed

Dimension	Model No.
3/8" NPT male	002535-25
1/2" NPT male	002534-25

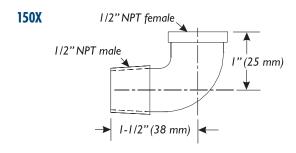


### B-CVV1-2 Check Valve

- Rough brass finish
- Chrome plated available upon request
- Designed for water use only



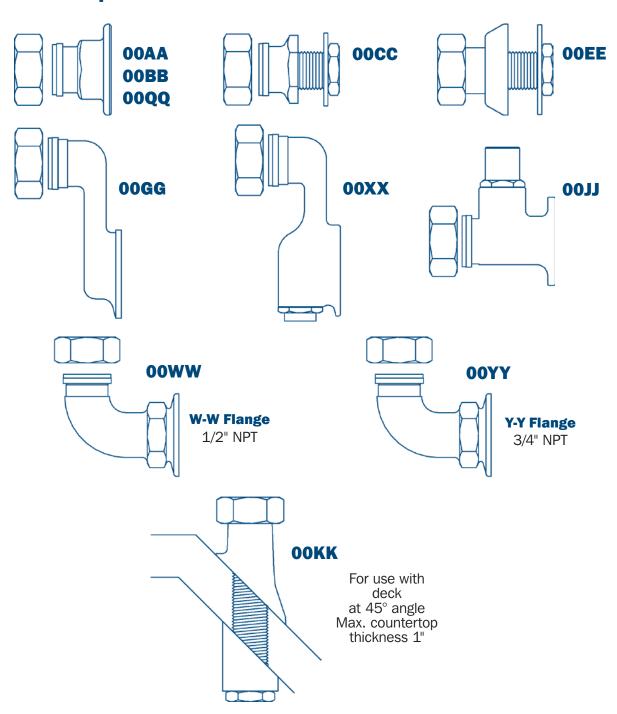
**B-CVH1-2** for horizontal or vertical use, 1/2" NPT female **B-CVH3-4** for horizontal or vertical use, 3/4" NPT female Furnished in rough brass



Description         Model No.           3/8" Street elbow         148X           3/8" Elbow         001355-40           1/2" Short elbow         006895-20           1/2" Street elbow         150X	
3/8" Elbow 001355-40 1/2" Short elbow 006895-20	
1/2" Short elbow <b>006895-20</b>	
1/2" Street elbow 150X	
1/2" Elbow <b>001357-40</b>	
3/4" Short elbow <b>00LL</b>	
3/4" Elbow <b>001720-40</b>	



### **Inlet Product Options**



### **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. All are available in rough chrome if specified. To order, add suffix letters to faucet model number. For example: "B-0230-CC" — Sink mixing faucet with 1/2" NPT male inlet, 1" (25 mm) long.

OOAA 1/2" NPT female eccentric flanged inlet OOBB 3/4" NPT female eccentric flanged inlet

OOCC 1/2" NPT male inlet, 1" (25 mm) long

OOEE 1/2" NPT male inlet with adjustable flange, 1" (25 mm) long

OOGG 1/2" NPT female flanged adjustable inlet

OOXX 1/2" NPT female flanged adjustable inlet with screwdriver stop

**OOJJ** 1/2" NPT female inlet with loose key stop

**OOWW** 1/2" NPT female flange 90° inlet

OOYY 3/4" NPT female flange 90° inlet

**OOKK** 1/2" NPT male inlet for use on 45° decks. Inlet is at 45° angle to mounting face.

OOQQ 3/8" NPT female eccentric flanged inlet

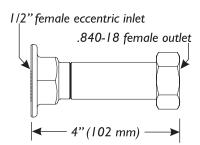


### **Inlet Extensions**

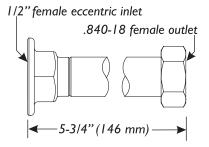


# 1/2" female eccentric inlet .840-18 female outlet .840-18 female outlet .840-18 female outlet

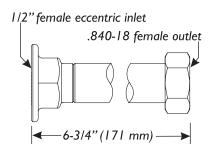
### **B-0441**



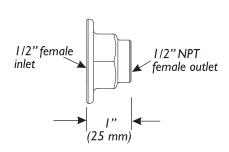
### B-0442



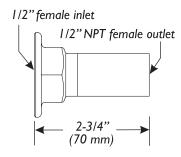
### **B-0443**



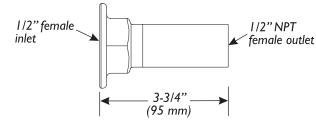
### **B-0445**



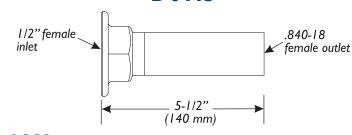
### **B-0446**



B-0447

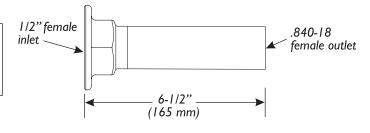


### **B-0448**



### **B-0449**

Note: .840-18 female outlet accepts insert (000684-20) which connects inlet extension to faucet body



### **Inlet Extensions**

The following inlet extensions are polished chrome plated and used on the inlets of either wall or deck mounted union coupling style mixing faucets to extend inlets. 00AA 1-1/4" (32 mm) inlet standard on typical wall mounted faucets (B-0230, for example).

B-0440 Adds 1-3/4" (44 mm) to standard 00AA

**B-0441** Adds 2-3/4" (70 mm) to standard 00AA

**B-0442** Adds 4-1/2" (114 mm) to standard 00AA **B-0443** Adds 5-1/2" (140 mm) to standard 00AA

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

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

**B-0445** 1" (25 mm) **B-0446** 2-3/4" (70 mm)

**B-0447** 3-3/4" (95 mm)

**B-0448** 5-1/2" (140 mm) **B-0449** 6-1/2" (165 mm)

D 78





### The T&S Commitment To Water-Saving Plumbing Faucets





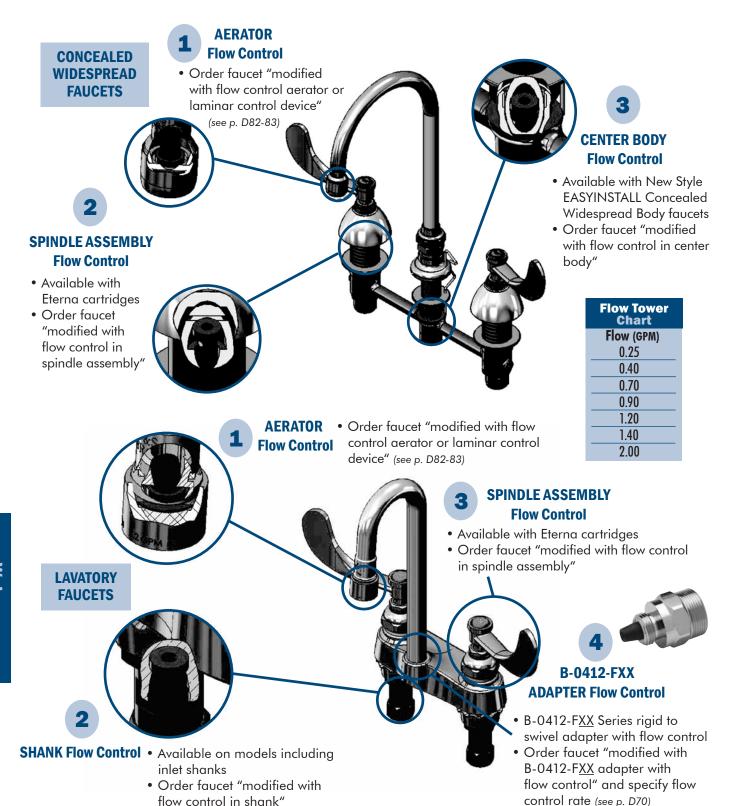
### The T&S Commitment To Water Conservation



T&S Brass is relentlessly searching for ways to help you conserve water and save money. With this goal in mind, we have designed three areas to control water flow in our Concealed Widespread Faucets and four flow control

locations in our Lavatory Faucets.

The modified flow control faucets shown below illustrate how you can specify **one option** listed and the requirements for that option.





### T&S Plumbing Faucets Water Conservation Models



Our Water Conservation Plumbing faucets use specially designed outlets that control the flow of water to save you significant money and energy costs. Their low-flow capabilities never compromise



performance, and they demonstrate our longterm commitment to water conservation. Check our website regularly to see our latest list of water-conserving plumbing models.

*		
	B-0710-WS	(p. D40)
	B-0712-F05 B-0712-VF05 B-0712-WS	(p. D24) (p. D24) (p. D24)
	B-0805-F05 B-0805-VF05 B-0805-WS	(p. D23) (p. D23) (p. D23)
	B-0807-WS	(p. D23)
	B-0831-F05 B-0831-VF05 B-0831-WS	(p. D24) (p. D24) (p. D24)
	B-0867-04-WS	(p. D13)
	B-0871-CR-WS B-0871-F05 B-0871-VF05 B-0871-WS	(p. D21) (p. D21) (p. D21) (p. D21)
	B-0890-CR-WS B-0890-F05 B-0890-VF05 B-0890-WS	(p. D18) (p. D18) (p. D18) (p. D18)
	B-0892-01-WS B-0892-CR-WS B-0892-F05 B-0892-VF05 B-0892-WS	(p. D16) (p. D16) (p. D16) (p. D16) (p. D16)

	B-2710-VF05 B-2710-WS	(p. D4) (p. D4)
	B-2711-VF05 B-2711-WS	(p. D4) (p. D4)
	B-2730-WS	(p. D4)
	B-2850-F05 B-2850-VF05 B-2850-WS	(p. D19) (p. D19) (p. D19)
	B-2855-WS	(p. D19)
<b>N</b>	B-2862-WS	(p. D14)
	B-2866-05-WS B-2866-F05 B-2866-VF05	(p. D14) (p. D14) (p. D14)
	B-2867-04-WS	(p. D15)
	B-2990-F05 B-2990-VF05 B-2990-WH4-WS B-2990-WS	(p. D20) (p. D20) (p. D20) (p. D20)
	B-2991-WS	(p. D25)

### **SUFFIX GUIDE**

-F05	0.5 GPM	Non-aerated spray device	
-VF05	0.5 GPM	Vandal-resistant non-aerated	
		an ray daying	
		spray device	
-WS		Water-conserving aerator	

See pages D82-83 for list of water-conserving outlets included in the models shown above



### Low Flow Outlets For Water Conservation Plumbing Models



Low flow aerators and outlets are an affordable way to reduce your water consumption

NEW **Nater-Saving** Models!

threads Fits all swing nozzles and 131X,

133X gooseneck -WS models are water-saving

Series 1

female aerator

• 55/64"-27 UN

Series 2

• 3/8" NPSM male thread

 Fits goosenecks -WS models are water-saving aerators

Series 3 • 13/16"-27 UN male

aerator thread Fits lavatory spouts • -WS models are

water-saving aerators

• 15/16"-27 UN male thread

Series 4

• Fits single lever line · -WS models are water-saving

aerators

Series 5

• 13/16"-24 UN female thread

 Fits other manufacturer's faucets

 Includes adapter and washer with aerator

### **Aerator** with **Flow Control**

• Non-splash aerator with flow control



B-0199-01F-XX

aerators

B-0199-02F-XX

B-0199-03F-XX

Refer to Aerator Flow Chart to add Suffix Numbers

### Vandal Resistant Aerator with Flow Control

and save energy and money.

- Non-splash, vandal resistant aerator with flow control
- Tool to attach and remove aerator



B-0199-06F-XX

B-0199-07F-XX

B-0199-08F-XX

Refer to Aerator Flow Chart to add Suffix Numbers

### **NEW! Non-Splash Aerator 1.5 GPM**

• Non-splash aerator with flow control



B-0199-01-WS (1.5 GPM)

B-0199-02-WS (1.5 GPM)

B-0199-03-WS (1.5 GPM)

B-0199-04-WS (1.5 GPM)

B-0199-05-WS (1.5 GPM)

### **NEW! Vandal Resistant Aerator 1.5 GPM**

- Non-splash, vandal resistant aerator with flow control
- Tool to attach and remove aerator



B-0199-06-WS (1.5 GPM)

B-0199-07-WS (1.5 GPM)

B-0199-08-WS (1.5 GPM)

B-0199-09-WS (1.5 GPM)

B-0199-10-WS (1.5 GPM)

### **Aerator Flow Chart**

Flow (GPM)	Suffix	<b>Color Code</b>
0.25	F03	No color
0.40	F05	Brown
0.70	F07	Green
0.90	F10	Grey
1.20	F12	Orange
1.40	F15	Purple
2.00	F20	Yellow

#### Note:

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

GPM ± 10%

### To order:

Select flow desired, then add suffix to model number.

For ex.:, B-0199-02F15 for 1.40 GPM

Flow Tower Chart	
Model No.	Flow (GPM)
B-0198- <b>F03</b>	0.25
B-0198- <b>F05</b>	0.40
B-0198- <b>F07</b>	0.70
B-0198- <b>F10</b>	0.90
B-0198- <b>F12</b>	1.20
B-0198- <b>F15</b>	1.40
B-0198- <b>F20</b>	2.00

### For Serrated Hose End

#### To order:

Select flow desired, then add suffix to model number.

Ex.: B-0198-**F03** for 0.25 GPM



### Laminar Flow Outlets For Water Conservation Plumbing Models



#### **NEW!**

Check out our new nonsplash, non-aerated laminar flow devices!



### Series 1

### • 55/64"-27 UN female aerator threads

• Fits all swing nozzles, 131X, 133X gooseneck

• 13/16"-27 UN male aerator thread

Series 3

• Fits lavatory spouts

### **Series 4**

- 15/16"-27 UN male thread
- Fits single lever line

### **Laminar Flow** Regulator

- Non-splash, non-aerated stream
- Screenless: for use in medical facilities to prevent airborne bacteria from entering water stream



B-0199-21 (2.2 GPM)

B-0199-29 (1.5 GPM)

B-0199-26 (2.2 GPM)

B-0199-25 (2.2 GPM)

### **NEW! Vandal Resistant Laminar Flow**

- Same as B-0199-21 except is vandal resistant with key
- -VR female thread -VRF - female thread -VRM - male thread





B-0199-29-VR (1.5 GPM)

B-0199-21-VRF (2.2 GPM) B-0199-21-VRM

(2.2 GPM)

B-0199-28 (2.2 GPM)

B-0199-27 (2.2 GPM)

### **NEW! Non-Aerated Spray Devices**

**NEW!** Water-saving 0.35 GPM and 0.5 GPM flow rate

# Models!

### **NEW!**

Check out our new watersaving non-aerated spray devices with 0.35 and 0.5 GPM!

### Series 1

- 55/64"-27 UN female thread
- Fits all swing nozzles, 131X. 133X gooseneck

### Series 2

- 3/8" NPSM male thread
- Fits goosenecks

### Series 3

- 13/16"-27 UN male thread
- Fits lavatory spouts

### Series 4

- 15/16"-27 UN male thread
- Fits single lever line

### Series 5

- 13/16"-24 UN female thread
- Fits other manufacturer's faucets

### **Non-Aerated Spray Device**

• Non-splash non-aerated spray device



### B-0199-01-N035 B-0199-02-N035 B-0199-03-N035 B-0199-04-N035 B-0199-05-N035 (0.35 GPM)

B-0199-01-N05

(0.5 GPM)

(0.35 GPM)

(0.5 GPM)

B-0199-02-N05

(0.35 GPM) B-0199-03-N05

(0.5 GPM)

(0.35 GPM)

### (0.35 GPM)

B-0199-04-N05

(0.5 GPM)

(0.35 GPM) B-0199-05-N05

(0.5 GPM)

(0.35 GPM)

### Vandal Resistant **Non-Aerated Spray Device**

- Non-splash, vandal resistant non-aerated spray device
- Tool to attach and remove outlet



(0.35 GPM)B-0199-06-N05

### B-0199-06-N035 B-0199-07-N035 B-0199-08-N035 B-0199-09-N035 B-0199-10-N035 (0.35 GPM)

B-0199-07-N05 (0.5 GPM)(0.5 GPM)

B-0199-08-N05 (0.5 GPM)

### (0.35 GPM)

B-0199-09-N05 (0.5 GPM)(0.5 GPM)

### B-0199-10-N05



### 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. (Refer to page D82).



### **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. (Refer to page D83).



### **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. (Refer to page D83).



#### **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

In some of our water-saving faucets the flow rate restriction is installed inside the Eterna cartridges or inside the inlet shanks. In order to achieve the maximum flow rate it must be split between the flow towers on both hot and cold sides. In some cases, this type of flow rate division could lead to customer dissatisfaction if both cartridges are not opened simultaneously. For the best faucet performance we recommend the user open both hot and cold sides at the same time.





### Washdown and Clean-up Solutions















### **G-10** General Product Catalog

### **Table of Contents**



Washdown and Clean-Up Solution	ns – E	Notes
Retractable Hose Reels		
Hose Reel Accessories E3-2	22	
Stainless Steel – Open	E4	
Stainless Steel – Enclosed	E5	
• Spray Outlet Options for Hose Reels	E5, E7	
Epoxy Coated – Open	E6	
Heavy-Duty Hose Reels	E6	
Epoxy Coated – Enclosed	E7	
Hose Reel Model Configurator –		
Open and Enclosed Models	E8	
<ul> <li>Mounting Brackets for Hose Reels</li> </ul>	E9	
Complete Hose Reel Systems		
Comparison Charts	E10-13	
NEW MODELS! Complete Hose		
Reel Assemblies	E14-17	
All-In-One Hose Reel Assemblies	E17	
<ul> <li>Suggested Configuration for Hose Reels</li> </ul>	E17	
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	E18-22	
Service Sink and Mop Sink		
Faucets and Accessories <b>E23</b>	-28	
<ul> <li>Service Sink Faucets with Vacuum</li> </ul>		
Breakers	E23-27	
<ul> <li>Service Sink Faucets with Built-In Stops</li> </ul>	E23-27	
<ul> <li>Service Sink Faucets with Adjustable</li> </ul>		
Centers	E23-27	
<ul> <li>Service Sink Outlets and Fittings</li> </ul>	E26-27	
<ul> <li>Service Sink Accessories</li> </ul>	E28	
Single Sill and Heavy Duty Sink		
Faucets E28	20	
r docers Ezo	-27	
Washdown Stations and		
Accessories E30	-32	
<ul> <li>Single Temperature Valves and</li> </ul>		
Washdown Stations	E24-25	
Heavy-Duty Water Guns	E26	
, ,		
NOTE:		
A comprehensive Index By Model or Part Nu	mber	
and Page can be found in the <b>G-10 Genera</b>		
Catalog "Master Index" section (IN).		





# T&S Introduces Our NEW 12' Compact Stainless Steel Hose Reel

The new **T&S 12' 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**

Feature	Function	Benefit
Adjustable Arm	Hose reel arm is adjustable to two different positions.	Gives user greater flexibility for their particular application. Adjustability allows arm to be either in wall mount or under counter mount position.
Anti-Lockout Ratchet Design	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.
Brass Swivel on Stainless Shaft	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	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.
Impact Resistant Ratcheting Assembly	Ratchet plate is 1/4" 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.
Mounting Base	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.
Protected Hose Outlet	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.

### **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**

#### **NEW!**

### **B-7102 SERIES 12' Compact Open Stainless Steel Hose Reel**

- 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

### Spray Outlet Options (All models this page; see chart, p. E5)

- Four spray valves with heat-resistant handles
- Two heavy-duty water guns
- Extended spray wand

### Features (B-7112, B-7132 and B-7142 Series)

- Open reel with stainless 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-7112-01	EB-0107 Blue Spray Valve (photo)	
B-7112-01M	<b>B-0107</b> Spray Valve (1.42 gpm)	
B-7112-05	MV-2522-24 Front Trigger Water Gun	
B-7112-08H	B-0108-H JeTSpray Hi-Flow Spray Valve	
B-7112-08M	<b>B-0108</b> JeTSpray Valve (1.48 gpm)	
B-7112-10	EB-2322 Extended Spray Wand	

### 35' Hose, 3/8" I.D.

B-7132-01	EB-0107 Blue Spray Valve	
B-7132-01M	<b>B-0107</b> Spray Valve (1.42 gpm)	
B-7132-02	MV-2516-24 Rear Trigger Water Gun	
B-7132-05	MV-2522-24 Front Trigger Water Gun	
B-7132-08H	B-0108-H JeTSpray Hi-Flow Spray Valve	
B-7132-08M	<b>B-0108</b> JeTSpray Valve (1.48 gpm)	
B-7132-10	EB-2322 Extended Spray Wand	



B-7102

B-7102-08H

B-7102-08M



with **B-0108-H** Hi-Flow JeTSpray Valve

with **B-0108** JeTSpray Valve (1.48 GPM)



### 50' Hose, 3/8" LD.

30 110se, 3/6 1.D.		
B-7142-01	EB-0107 Blue Spray Valve	
B-7142-01M	<b>B-0107</b> Spray Valve (1.42 gpm)	
B-7142-02	MV-2516-24 Rear Trigger Water Gun	
B-7142-05	MV-2522-24 Front Trigger Water Gun	
B-7142-08H	B-0108-H JeTSpray Hi-Flow Spray Valve	
B-7142-08M	<b>B-0108</b> JeTSpray Valve (1.48 gpm)	
B-7142-10	EB-2322 Extended Spray Wand	



### ENCLOSED Stainless Steel Hose Reels

### **Spray Outlet Options** (see photos below)

- Four spray valves with heat-resistant handles
- Two heavy-duty water guns
- Extended spray wand

### **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

### Spray Outlet Options Model Suffix



### **Enclosed Stainless Steel Hose Reels**



### 30' Hose, 3/8" I.D.

B-7122-C01	<b>EB-0107</b> Blue Spray Valve (photo; 4.0+ gpm)	
B-7122-C01M	<b>B-0107</b> Spray Valve (1.42 gpm)	
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 Hi-Flow Spray Valve	
B-7122-C08M	<b>B-0108</b> JeTSpray Valve (1.48 gpm)	
B-7122-C10	EB-2322 Extended Spray Wand	

### 50' Hose, 3/8" I.D.

B-7142-C01	<b>EB-0107</b> Blue Spray Valve (photo; 4.0+ gpm)	
B-7142-C01M	<b>B-0107</b> Spray Valve (1.42 gpm)	
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 Hi-Flow Spray Valve	
B-7142-C08M	B-0108 JeTSpray Valve (1.48 gpm)	
B-7142-C10	EB-2322 Extended Spray Wand	

See pages E18 and E32 for full descriptions of these products





### OPEN Epoxy Coated Steel Hose Reels

### Spray Outlet Options (see chart, p. E7)

- Four spray valves with heat-resistant handles
- Two heavy-duty water guns
- Extended spray wand

### **Features**

- Open reel with epoxy coated 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

### 15' Hose, 3/8" I.D.

B-7212-01	EB-0107 Blue Spray Valve (4.0+ gpm)	
B-7212-01M	<b>B-0107</b> Spray Valve (1.42 gpm)	
B-7212-02	MV-2516-24 Rear Trigger Water Gun (photo)	
B-7212-05	MV-2522-24 Front Trigger Water Gun	
B-7212-08H	B-0108-H JeTSpray Hi-Flow Spray Valve	
B-7212-08M	<b>B-0108</b> JeTSpray Valve (1.48 gpm)	
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	<b>EB-0107</b> Blue Spray Valve (4.0+ gpm; photo)	
B-7232-01M	<b>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 Hi-Flow Spray Valve	
B-7232-08M	<b>B-0108</b> JeTSpray Valve (1.48 gpm)	
B-7232-10	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 Hi-Flow Spray Valve	

### 50' Hose, 3/8" I.D.

B-7242-01	EB-0107 Blue Spray Valve (4.0+ gpm)	
B-7242-01M	<b>B-0107</b> Spray Valve (1.42 gpm)	
B-7242-02	MV-2516-24 Rear Trigger Water Gun	
B-7242-05	MV-2522-24 Front Trigger Water Gun	
B-7242-08H	B-0108-H JeTSpray Hi-Flow Spray Valve	
B-7242-08M	<b>B-0108</b> JeTSpray Valve (1.48 gpm)	
B-7242-10	EB-2322 Extended Spray Wand	

### Open Epoxy Coated Hose Reels



### **Installation Note**

If mixing valve is used, check valves should be installed to prevent crossflow of water

### 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 Hi-Flow Spray Valve		
50' Hose 3/4" I.D. (chown holow*)			

		<del>-</del>
B-7245-03	MV-2516-34	7/16" Rear Trigger Water Gun
B-7245-06	MV-2522-34	7/16" Front Trigger Water Gun

### **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

**B-7245-NH** 3/4" hose reel with 3/4" coupling — NO hose







### **ENCLOSED Epoxy Coated Steel Hose Reels**

### **Spray Outlet Options** (see photos below)

- · Four spray valves with heat-resistant handles
- Two heavy-duty water guns
- Extended spray wand

### **Features**

- Enclosed reel with epoxy coated 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

### **Spray Outlet Options**



EB-2322 (-10)

**Extended Spray Wand** 

### **Enclosed Epoxy** Coated Hose Reels



### 30' Hose, 3/8" I.D.

B-7222-C01	<b>EB-0107</b> Blue Spray Valve (photo; 4.0+ gpm)	
B-7222-C01M	<b>B-0107</b> Spray Valve (1.42 gpm)	
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>B-0108</b> JeTSpray Valve (1.48 gpm)	
B-7222-C10	EB-2322 Extended Spray Wand	
B-7222-C11	MV-3516-24 Aluminum Rear Trigger Water Gun	

### 50' Hose, 3/8" I.D.

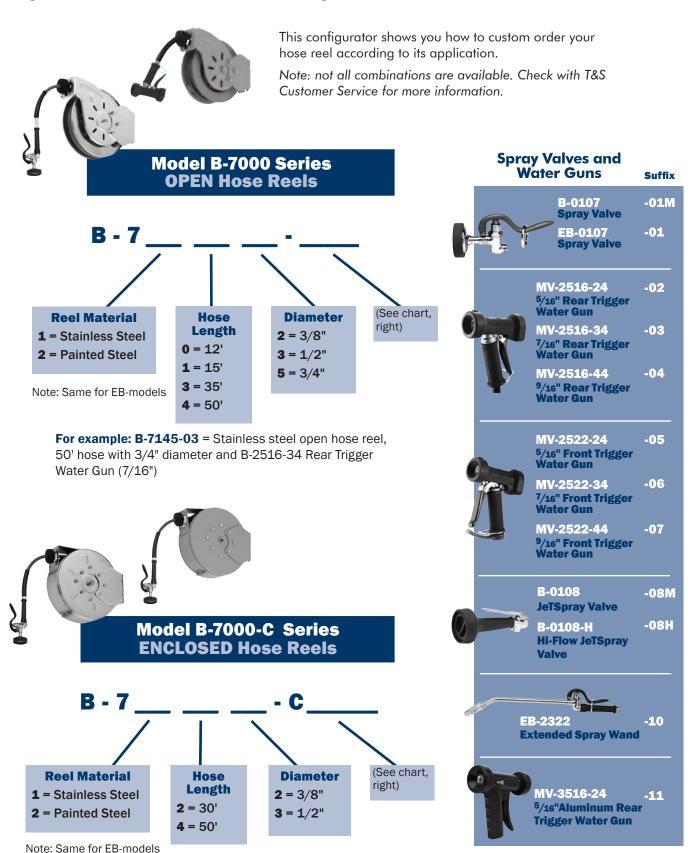
B-7242-C01	EB-0107 Blue Spray Valve (shown, 4.0+ gpm)		
B-7242-C01M	<b>B-0107</b> Spray Valve (1.42 gpm)		
B-7242-C02	MV-2516-24 Rear Trigger Water Gun		
B-7242-C05	MV-2522-24 Front Trigger Water Gun		
B-7242-C08H	B-0108-H JeTSpray Hi-Flow Spray Valve		
B-7242-C08M	<b>B-0108</b> JeTSpray Valve (1.48 gpm)		
B-7242-C10	EB-2322 Extended Spray Wand		

See pages E18 and E32 for full descriptions of these products





### **Open and Enclosed Hose Reels - Specifications**



**For example: B-7222-C06** = Painted steel enclosed hose reel, 30' hose with 3/8" diameter and B-2522-34 Front Trigger Water Gun (7/16")

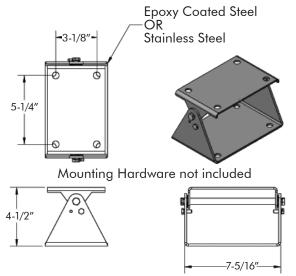
### Tas

### **Mounting Brackets**

### G016636-45 Swing Bracket

- · Epoxy coated steel
- Fits all 35' epoxy coated hose reels

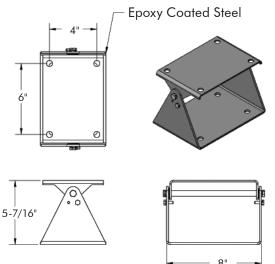




### G016637-45 Swing Bracket

- Epoxy coated steel
- Fits all 50' epoxy coated hose reels

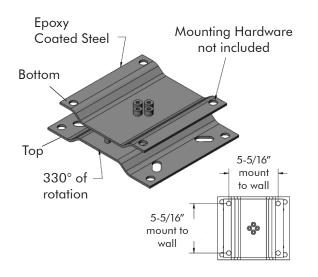




### G016652-45 Pivot Bracket

- Epoxy coated steel
- Fits all T&S hose reels



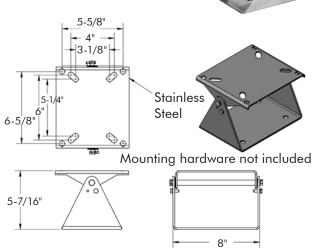


### G016737-45 Stainless Steel Bracket

Stainless steel

• Fits all T&S stainless steel hose reels







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.

The charts on the following four pages show a detailed list of components included in each complete hose reel system by model number. We suggest that you begin by choosing the hose reel you need – open or enclosed, stainless steel or epoxy coated steel and the desired hose length and diameter.

You can include any of our spray outlet options with our hose reels by just adding the appropriate suffix. For example, to add an EB-0107 spray valve to a B-7232 hose reel, just specify a B-7232-01.

	B-1430	B-1431	B-1432
Hose Reel Model/Type	B-7222-CO1 Epoxy/Enclosed/30'	B-7232-01 Epoxy/Open/35'	B-7222-CO1 Epoxy/Enclosed/30'
Spray Valve Model	EB-0107 4.0+ GPM	EB-0107 4.0+ GPM	EB-0107 4.0+ GPM
Water Gun Model	N/A	N/A	N/A
Connector to 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	B-0513	B-0513
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 Epoxy/Open/35'	B-7122-C01 Stainless Steel/Enclosed/30'	B-7222-CO1 Epoxy/Enclosed/30'
Spray Valve Model	EB-0107 4.0+ GPM	EB-0107 4.0+ GPM	EB-0107 4.0+ GPM
Water Gun Model	N/A	N/A	N/A
Connector to 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"	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	B-0513	002832-40 Wall/8"/Spring Checks
Check Valves	(2) B-CVH1-2	(2) B-CVH1-2	N/A
Special Configurations	Concealed installation	Concealed installation	N/A



**Enclosed** 

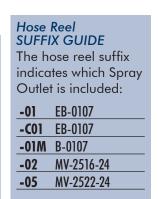




**Enclosed Epoxy** 



**Open Epoxy** 



### **Complete Hose Reel Systems Comparison Charts**



	B-1433-01	B-1433-02	B-1433-04
Hose Reel Model/Type	B-7232-01 Epoxy/Open/35'	B-7222-CO1 Epoxy/Enclosed/30'	B-7222-C05 Epoxy/Enclosed/30'
Spray Valve Model	EB-0107 4.0+ GPM	EB-0107 4.0+ GPM	N/A
Water Gun Model	N/A	N/A	MV-2522-24
Connector to Hose	HW-4B-36	B-0020-H2A S.S. Flexible 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 36"
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 Wall/8"/Spring Checks	002832-40 Wall/8"/Spring Checks	002832-40 Wall/8"/Spring Checks
Check Valves	N/A	N/A	N/A
Special Configurations	N/A	N/A	N/A

	D 1400 OF	D 1400 0/	D 1400 7100 0114
	B-1433-05	B-1433-06	B-1433-7132-01M
Hose Reel Model/Type	B-7222-CO1 Epoxy/Enclosed/30'	B-7222-C01 Epoxy/Enclosed/30'	B-7132-01M Stainless/Open/35'
Spray Valve Model	EB-0107 4.0+ GPM	EB-0107 4.0+ GPM	B-0107
Water Gun Model	N/A	N/A	N/A
Connector to 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 32"	3/8" NPT x 40"	3/8" NPT x 40"
Control Valve	ORK3	ORK3	ORK3
Lower Riser	3/8" NPT x 18"	3/8" NPT x 18"	3/8" NPT x 16"
Wall Bracket(s)	(2) B-0109-07	(2) B-0109-07	(2) B-0109-07
Mixing Valve	002832-40 Wall/8"/Spring Checks	002832-40 Wall/8"/Spring Checks	002832-40 Wall/8"/Spring Checks
Check Valves	N/A	N/A	N/A
Special Configurations	N/A	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 4.0+ GPM	EB-0107 4.0+ GPM
Water Gun Model	MV-2516-24	N/A	N/A
Connector to Hose	HW-4B-36	Hard Pipe Supply Included	HW-4B-36
Vacuum Breaker Model	B-0963	N/A	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	002832-40 Wall/8"/Cerama Spring Checks	002832-40 Wall/8"/Spring Checks	002832-40 Wall/8"/Spring Checks
Check Valves	N/A	B-0975	N/A
Special Configurations	N/A	N/A	N/A





	B-1436	B-1437	B-1438
Hose Reel Model/Type	B-7132-01 Stainless/Open/35'	B-7232-05 Epoxy/Open/30'	B-7142-02 Stainless/Open/50'
Spray Valve Model	EB-0107 4.0+GPM	N/A	N/A
Water Gun Model	N/A	MV-2522-24 Front Trigger	MV-2516-24 Rear Trigger
Connector to 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	3/8" NPT x 12"	3/8" NPT x 16"	3/8" NPT x 16"
Wall Bracket(s)	B-0109-07	(2) B-0109-07	(2) B-0109-07
Mixing Valve	002829-40 Deck/8"/Spring Checks	002832-40 Wall/8"/Spring Checks	002832-40 Wall/8"/Spring Checks
Check Valves	N/A	N/A	N/A
Special Configurations	Stainless steel backplate	N/A	N/A

	B-1439	B-1444	B-1444-CV
Hose Reel Model/Type	B-7142-05 Stainless/Open/50'	B-7142-C01 Stainless/Enclosed/50'	B-7142-C01 Stainless/Enclosed/50'
Spray Valve Model	N/A	EB-0107 4.0+GPM	EB-0107 4.0+ gpm
Water Gun Model	MV-2522-24 Front Trigger	N/A	N/A
Connector to 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 Wall/8"/Spring Checks	002832-40 Wall/8"/Spring Checks	002832-40 Wall/8"/Spring Checks
Check Valves	N/A	N/A	(2) B-CVH1-2
Special Configurations	N/A	N/A	N/A

	B-1453	B-1454	B-1458
Hose Reel Model/Type	B-7232-05 Epoxy/Open/35'	B-7232-05 Epoxy/Open/35'	B-7122-C01 Stainless/Enclosed/30'
Spray Valve Model	N/A	N/A	EB-0107 4.0+ GPM
Water Gun Model	MV-2522-24 Front Trigger	MV-2522-24 Front Trigger	N/A
Connector to 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	B-1035 Bypass Mixing Valve	B-1035 Bypass Mixing Valve	002832-40 Wall/8"/Spring Checks
Check Valves	(2) B-CVH1-2	(2) B-CVH1-2	N/A
Special Configurations	Install above a service sink faucet	B-0674-BSTP Service sink faucet included	N/A



	B-1459	B-1480
Hose Reel Model/Type	B-7122-C01 Stainless/Closed/30'	B-7243-05 Epoxy/Open/1/2" x 50' Hose
Spray Valve Model	EB-0107 4.0+GPM	N/A
Water Gun Model	N/A	MV-2522-24 Front Trigger
Connector to Hose	HW-4B-36	HW-4C-36
Vacuum Breaker Model	B-0963	B-0963
Upper Riser	3/8" NPT x 18" with Elbow Assembly	1/2" NPT x 32"
Control Valve	N/A	ORK3
Lower Riser	N/A	1/2" NPT x 18"
Wall Bracket(s)	B-0109-01	(2) B-0110
Mixing Valve	B-0512 Concealed/3"/4-Arm Handle	013988-40 Wall/8"/Spring Checks/for 1/2" riser
Check Valves	(2) B-CVH1-2	N/A
Special Configurations	For concealed or remote applications	1/2" dia. hose

	B-2339	B-2339-02
Hose Reel Model/Type	B-7222-C01 Epoxy/Closed/3/8" x 30'	B-7222-C05 Epoxy/Enclosed/3/8" x 30'
Spray Valve Model	EB-0107 4.0+GPM	N/A
Water Gun Model	MV-2522-24	N/A
Connector to Hose	HW-4B-24	N/A
Vacuum Breaker Model	B-0963	N/A
Upper Riser	N/A	N/A
Control Valve	N/A	N/A
Lower Riser	N/A	N/A
Wall Bracket(s)	B-0109-06	N/A
Mixing Valve	N/A	N/A
Check Valves	N/A	N/A
Special Configurations	Rinse control cabinet includes Control Valve, Dual Check Valves, Thermometer and Hammer Arrestor	Rinse control cabinet includes Control Valve, Dual Check Valves, Thermometer and Hammer Arrestor



Spray Valves and Water Guns • Connector Hoses
Control Valves • Wall Brackets • Mixing Valves

### Enclosed Stainless Steel



Open Stainless Steel



Enclosed Epoxy Coated Steel



Open Epoxy Coated Steel

Hose Reel SUFFIX GUIDE

-C01

-02

-05

The hose reel suffix

EB-0107

MV-2516-24

MV-2522-24

**-01M** B-0107

indicates which Spray Outlet is included: -01 EB-0107





### **Complete Hose Reel Assemblies**

### B-1430 Enclosed 30' Hose Reel Assembly

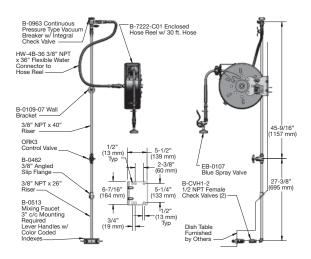
- All-in-one system with exposed piping and accessories
- Enclosed hose reel (B-7222-C01) with EB-0107 blue spray valve
- Vacuum breaker (B-0963)
- Shut-off control valve (ORK3)
- 3" C/C wall-mounted mixing faucet (B-0513)
- Includes 36" (922 mm) flexible connecting hose
- Shipped with all components needed for installation

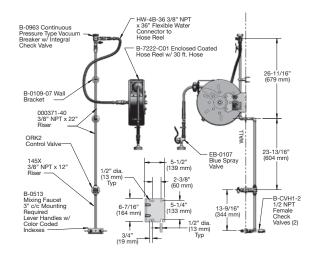
### B-1432 Enclosed 30' Hose Reel Assembly

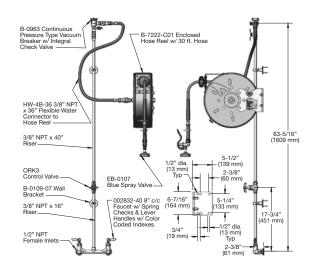
- All-in-one system with exposed piping and accessories
- Enclosed hose reel (B-7222-C01) with EB-0107 blue spray valve
- Vacuum breaker (B-0963)
- Shut-off control valve (OŔK2)
- 3" C/C wall-mounted mixing faucet (B-0513)
- Includes 36" (922 mm) flexible connecting hose
- Shipped with all components 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 spray valve
- Vacuum breaker (B-0963)
- Shut-off control valve (OŔK3)
- 8" C/C wall mounted mixing faucet (002832-40)
- Includes 36" (922 mm) flexible connecting hose
- 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 hose supply and
  FreeSpin quick-connect
- 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)
- **B-1433-01M-QDS** Same as B-1433 except with 35' open coated hose reel; includes two (2) quick-disconnect spray valves (B-0107-QD and EB-2322-QD)
- B-1433-CR Same as B-1433 except with ceramic cartridges
- **B-1433-CR-QDS** Same as B-1433-01M-QDS except with ceramic cartridges
- **B-1433-CR-SC-T** Same as B-1433-CR except with 50' open stainless steel reel and B-TEE-RGD mounted below the control valve
- **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 water supply hose



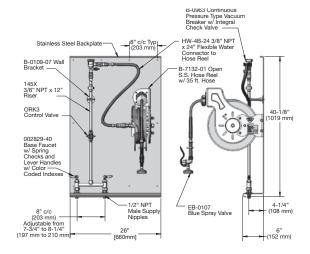




### **Complete Hose Reel Assemblies**

### 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 spray valve (EB-0107)
- Anti-siphon and anti-spill vacuum breaker (B-0963)
- Shut-off control valve (ORK3)
- 8" C/C deck mounted base faucet (002829-40)
- Stainless steel backplate
- Arrives completely assembled for easy installation



### 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 spray valve

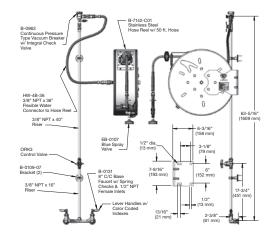
Vacuum breaker (B-0963)

Shut-off control valve (ORK3)

• 8" C/C wall-mounted mixing faucet (B-0131)

Includes 36" (922 mm) flexible connecting hose assembly

Shipped with all components needed for installation



## B-1439 Open Stainless Steel Hose Reel Assembly with 50' Hose



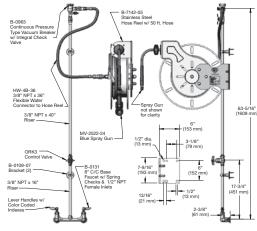
 All-in-one system with exposed piping and accessories



 Vacuum breaker (B-0963)

• Shut-off control valve (ORK3)

 8" C/C wallmounted mixing faucet (B-0131)



- Includes 36" (922 mm) flexible connecting hose assembly
- Shipped with all components needed for installation

### B-1453 Open Epoxy Coated 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)
- B-1035 mixing valve with 1/2" NPT female inlets
- 3/8" NPT x 40" riser

NEW Hose Reel

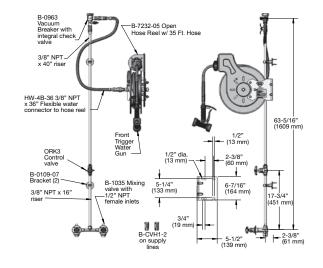
Assembly

**B-1444-CV** Same as

B-1444 except with two

B-CVH1-2 check valves

- B-0963 continuous pressure type vacuum breaker with integral check valves (B-CVH1-2)
- Two (2) B-0109-07 wall brackets
- Shipped with all components needed for installation





66-1/16"

(1678 mm)

20-7/16

(519 mm

5-1/2

(139 mm) \_2-3/8"

(60 mm)

5-1/4"

(133 mm)

1/2" Dia

B-CVH1-2 2 Check Va

Тур

### **Complete Hose Reel Assemblies**

### B-1457 Enclosed 30' Epoxy Coated Hose Reel Assembly



B-0963 Continuous

Pressure type Vacuum Breaker with

Flexible Water

3/8" NPT x 40'

3/8" NPT x 16'

B-0109-07

Bracket (2)

Spreader Body

pieces. Less Tailpieces is 1/2" NPT male

0RK3 Control

B-0107

1.42 GPM

Spray Valve

002824-40

Single Hole Faucet with Spring Checks

& Lever Handles with Color

Integral Check Valve

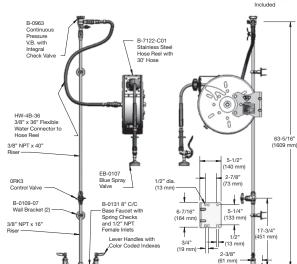
HW-4B-36
3/8" NPT x 36'

- All-in-one system with exposed piping and accessories
- Enclosed sepoxy coated hose reel B-7222-C01 with 30' hose
- B-0107 spray valve
- B-0963 continuous pressure vacuum breaker
- (002824-40) Single hole deck-mount faucet with spring checks and lever handles with color coded indexes
- Spreader body with optional 1/4" NPT tailpieces
- Shut-off control valve in riser (ORK3)
- Two (2) B-0109-07 wall brackets
- 3/8" NPT flexible water connector to hose reel (HW-4B-36)
- Shipped with all components needed for installation



### B-1458 Enclosed 30' Stainless Steel Hose Reel Assembly

- All-in-one system with exposed piping and accessories
- Enclosed stainless steel hose reel B-7122-C01 with 30' hose
- EB-0107 blue spray valve
- B-0963 continuous pressure vacuum breaker
- B-0131 8" wall-mount faucet with spring checks
- Shut-off control valve in riser (ORK3)
- Two (2) B-0109-07 wall brackets
- Flexible water connector to hose reel (HW-4B-36)
- Two (2) check valves (B-CVH1-2)
- Shipped with all components needed for installation



B-7222-C01M Enclosed Hose Reel with 30' Hose

1/2" Dia.

(13 mm)

6-7/16

(164 mm)

3/4"

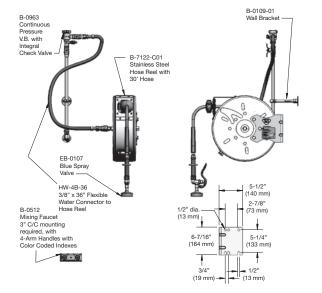
Тур



### B-1459 Enclosed 30' Stainless Steel Hose Reel Assembly

- All-in-one system with exposed piping and accessories
- Enclosed stainless steel hose reel B-7122-C01 with 30' hose
- EB-0107 blue spray valve
- B-0963 continuous pressure vacuum breaker with integral check valve
- B-0512 wall mount mixing valve, 3" C/C
- B-0109-01 wall bracket
- Flexible water connector to hose reel (HW-4B-36)
- Two (2) check valves (B-CVH1-2)
- Shipped with all components needed for installation

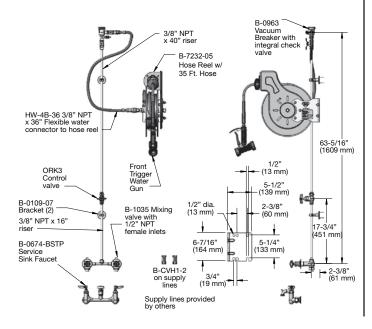




### **Complete Hose Reel Assemblies**

### B-1454 Open Epoxy Coated 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" C/C wall-mounted service sink faucet (B-0674-BSTP)
- B-1035 concealed mixing valve with 1/2" NPT female inlets
- 3/8" NPT x 40" riser
- B-0963 continuous pressure type vacuum breaker with integral check valves (B-CVH1-2)
- Two (2) B-0109-07 wall brackets
- Shipped with all components needed for installation



### **All-In-One Hose Reel Assemblies**

### B-2339 Control Unit and Hose Reel Assembly

- Hose reel control unit with reel
- B-7222-C01 enclosed hose reel
- Stainless steel control box which includes all components gauges, vacuum breaker, valves and connections
- Hose reel can be mounted on ceiling, wall or under the counter
- Allows total tamper-resistant control, convenient and compact
- 30' hose, 3/8" I.D.
- 3/8" NPT female inlet

B-2339-02 Same as
B-2339 except with
MV-2522-24 water gun
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



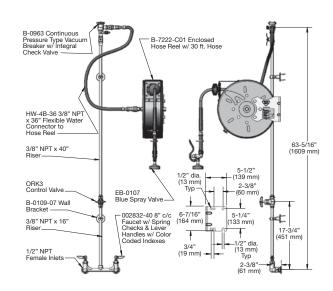


### Suggested Configuration for T&S Hose Reels and Accessories

This illustration is a suggested hose reel configuration using T&S Hose Reel Accessories shown on pages E9 and E18-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.





### **Heavy-Duty Water Guns**

T&S heavy-duty water guns are designed for use on hose reels, 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
- Automatic shut-off conserves water
- Rated up to 200 psi
- Blue rubber cover
- Various models available; see chart on p. E32

### **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
- Automatic shut-off conserves water
- Rated up to 200 psi
- Blue rubber cover
- Various models available; see chart on p. E32

**Note:** See page E32 for

charts showing the

configuration of T&S

heavy-duty water gun

models that are available.





MV-3516-25

**Aluminum Rear** 



**NEW!** Aluminum water gun with 5/16" flow orifice

- Blue rubber cover
- Includes 1/2" NPT x 3/8" NPT female adapter (not shown)
- Weighs 1/2 lb. less than MV-2516 and MV-2522 water guns
- Variable spray patterns
- Drip-free automatic shut-off

### MV-2516 and MV-2522 Water Gun Replacement Parts:

**014087-45** 5/16" and 7/16" Orifice, Rear Trigger Cartridge Asm. 014132-45 9/16" Orifice, Rear Trigger Cartridge Assembly **014086-45** 5/16" and 7/16" Orifice, Front Trigger Cartridge Asm.

**014187-45** Blue Rubber Cover (used on both style guns)

014131-45 9/16" Orifice, Front Trigger Cartridge Assembly

### **Spray Valves / Repair Kits**

### **B-0107 Spray Valve**

- 1.42 GPM at 60 PSI
- · Connects directly to hose
- 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



### EB-0107 **Spray Valve**

- Blue spray valve
- 4.0+ GPM at 60 PSI flow
- Connects directly to hose
- Designed for heavy use in industrial kitchen settinas
- Shuts off when handle is released
- Add "-01" suffix to hose reel model to specify this spray valve



### MV-3516 Models and Kit:

MV-3516-21 1/2 NPT x 1/2" hose barb 1/2 NPT x 3/4" hose barb MV-3516-22 1/2 NPT x 1" hose barb MV-3516-23 1/2 NPT female inlet MV-3516-24 MV-3516-24-RK MV-3516-24 repair kit

### **B-10K B-0107 Spray Valve Repair Kit**

	(000895-45)		2	(001040-45)	Bonnet binding
2	(000974-45)	Bonnet washer			washer
2	(010476-45)	Hose washer	2	(012915-45)	Seat washer
2	(001100-45)	Packing stem	1	(007861-45)	Spray head ring
2	(009306-20)	Valve stem	1	(000913-45)	Spray face screw
			1	(001121-45)	Spray face

### **EB-10K EB-0107 Spray Valve Repair Kit**

4	(000974-45)	Bonnet washer	1	(011475-45)	Blue spray head
2	(010476-45)	Hose washer			ring
2	(001100-45)	Packing stem	- 1	(000913-45)	Spray face screw
2	(009306-20)	Valve stem	- 1	(011456-45)	Blue spray face
2	(001040-45)	Bonnet binding	2	(000895-45)	Spring
		washer			

2 (012915-45) Seat washer bonnet asy.

### **Spray Valves / Repair Kits**

### B-0108 JeTSpray Valve

**NEW!** Ergonomically designed spray valve for hose reels

- 1.48 GPM at 60 PSI
- Requires adapter to connect to hose reel hose (016154-25)
- Designed for heavy use in kitchens
- Shuts off when handle is released
- Add "-08M" suffix to hose reel model to specify this spray valve



### 108V-RK B-0108 JeTSpray Valve Repair Kit

### Kit includes:

- Spanner bit
- End plug assembly
- Silicon grease
- Valve assembly
- Compression spring
- Individual items not sold separately











### 108SF-RK B-0108 JeTSpray Spray Face Repair Kit

### Kit includes:

- Washer
- EPAct 2005 compliant B-0108 spray face (1.48 GPM)
- Individual items not sold separately





### B-0108-H JeTSpray High Flow Spray Valve

**NEW!** Ergonomically designed spray valve for hose reels

- 4.0 GPM at 60 PSI
- Connects directly to T&S hose reel hose
- Designed for heavy use in industrial settings
- Provides high-pressure spray when handle is squeezed
- Shuts off when handle is released.
- Add "-08H" suffix to hose reel model to specify this spray valve



### 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
- Bushing (2)
- Pivot pin assembly
- Individual items not sold separately



### 108S-RK B-0108 JeTSpray Screen/Washer Repair Kit

### Kit includes:

- Inlet filter
- Tube of Loctite
- Individual items not sold separately



### 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)
- Individual items not sold separately





### **Shut-Off Valves / Vacuum Breakers**

### B-0512 Shut Off Control <u>Valve</u>

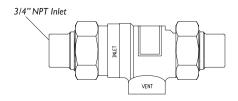
- Wall mounted
- 3/8" NPT inlets and outlet
- 3" C/C

**B-0513** same as B-0512 except with lever handles



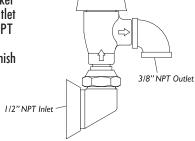
### B-0962 Continuous Pressure Vacuum Breaker Assembly

- 3/4" NPT female inlet
- Polished chrome plated finish



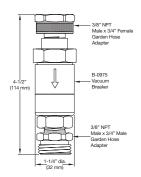
### B-0965 Atmospheric Vacuum Breaker Assembly

- Atmospheric vacuum breaker assembly with exposed outlet
- 1/2" NPT inlet and 3/8" NPT outlet
- Polished chrome plated finish



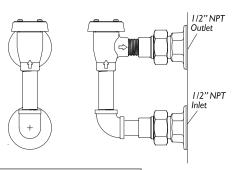
### B-0975-GH Vacuum Breaker Assembly

- 3/8" NPT male x 3/4" female garden hose adapter
- 3/8" male x 3/4" male garden hose adapter



### B-0929-A Atmospheric Vacuum Breaker Assembly

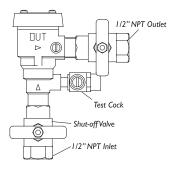
- 1/2" NPT female inlet and outlet
- Polished chrome plated finish



**B-0929** Same as B-0929-A except with 3/8" NPT inlet and outlet

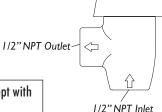
### B-0963 Continuous Pressure Vacuum Breaker Assembly

- Designed for continuous pressure
- Furnished with quarter-turn ball valves
- 1/2" NPT inlet and outlet
- 001359-40 adapters available for 3/8" NPT
- Order B-0963-RK repair kit (not shown)



### B-0969 Atmospheric Vacuum Breaker Assembly

- 1/2" NPT female inlet and outlet
- Polished chrome plated finish



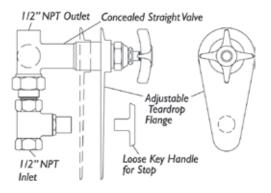
- **B-0968** same as B-0969 except with 3/8" NPT inlet and outlet
- B-0968-HA B-0968 vacuum breaker hood assembly

### **Hose Reel Accessories**

### **Shut-Off Valves / Vacuum Breakers**

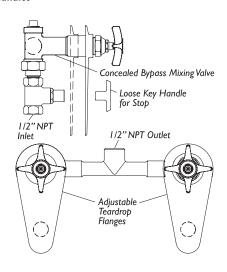
### B-1025-ST **Concealed Straight Valve**

- 1/2" NPT female inlet and outlet
- Integral loose key stop behind 6" (152 mm) teardrop flange



### **B-1035-ST Concealed Bypass Mixing Valve**

- 1/2" NPT female inlet and outlet
- Integral loose key stop behind 6" (152 mm) teardrop flanges
- 4-arm handles



### **Hose Reel Kits / Replacement Parts**

Swivel Kits			
Hose I.D.	Hose Length	PSI	
3/8"	ALL	300	
	Hose I.D.	Hose I.D. Hose Length	Hose I.D. Hose Length PSI

Spri			
Part Number	Hose I.D.	Hose Length	PSI
014932-45	3/8" and 1/2"	15'/30'/35'	300
014934-45	3/8" and 1/2"	50'	300
Stainless Reels			
014933-45	3/8" and 1/2"	15'/30'/35'	300
014935-45	3/8" and 1/2"	50'	300

Но				
Part Number	Hose I.D.	Hose Length	PSI	
014949-45	3/8"	ALL	300	
014950-45*	1/2"	ALL	300	_

Part Number	Hose I.D.	Hose Length	PSI
014940-45	3/8" and 1/2"	ALL	300

Part Number	Hose I.D.	Hose Length	PSI
014938-45	3/8" and 1/2"	15'/35'/50'	300
<b>Enclosed Small</b>			
014936-45	3/8"	30'	300
<b>Enclosed Large</b>			
014937-45	3/8" and 1/2"	50'	300

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

*	Availability	is lir	nited or	1/2"	specific p	arts
---	--------------	--------	----------	------	------------	------

Part Number	Hose I.D.	Hose Length	PSI
014948-45	ALL	ALL	300

### Tas

### **Valves, Outlets and Washdown Station**

### B-CVV1-2 Check Valve

- 1/2" vertical check valve
- Rough brass finish
- Chrome plated units available on request
- 1/2" IPS inlet and outet
- Designed for water use only

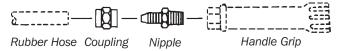


### **Check Valves**

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

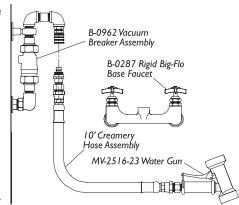
### 045A Reel Hose Repair Kit

• Includes coupling and nipple insert



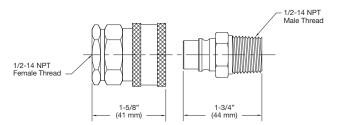
### B-0273 Washdown Station

- Rigid Big-Flo base faucet
- Furnished with check valves
- 3/8" NPT female inlet
- Continuous pressure vacuum breaker (B-0962)
- Quick-connect plug threaded onto 10' creamery hose
- Rear trigger water gun (MV-2516-23)



### B-0273-QD Washdown Quick-Disconnect

- · Washdown quick-disconnect assembly
- Chrome plated
- Not rated for potable/drinking water



### ORK1 Mixing Valve

- Mixing valve with removable seats
- Loose key controls
- 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 escutcheon
- Designed for installation in line between mixing valve and hose reel

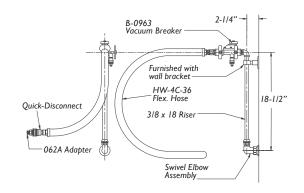


### ORK3 Shut Off Control Valve

- Exposed body type
- 3/8" NPT inlet and outlet
- Polished chrome plated finish
- Designed for installation on exposed piping between mixing valve and hose reel
- Unit is 1/2" when bushings are removed



### ORK-SK Hose Reel Connector Kit

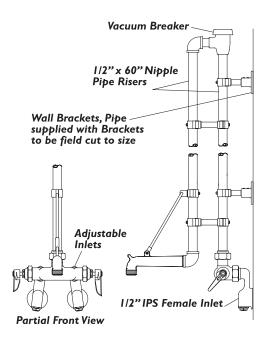




### **Service Sink Faucets**

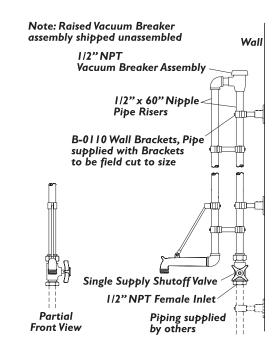
### B-0491-01 Service Sink Faucet with Elevated Vacuum Breaker

- 5' elevated atmospheric vacuum breaker
- 6" service sink spout with garden hose thread outlet
- Furnished with top spout brace and (2) B-0110 wall brackets
- 1/2" NPT female flanged adjustable inlets with screwdriver stop (OOXX)



### B-0492-01 Service Sink Faucet with Elevated Vacuum Breaker

- Single temperature supply stop
- 5' elevated atmospheric vacuum breaker
- 6" service sink spout with garden hose thread outlet
- Furnished with top spout brace and (2) B-0110 wall brackets



### B-0650-BSTP Service Sink Faucet

- Built in screwdriver stops
- 8" (203 mm) centers
- 5-1/4" (133 mm) clearance wall to center line of faucet
- 12-1/4" (311 mm) from wall to center of outlet
- Polished chrome plated finish
- Bottom support wall brace
- 1/2" NPT female eccentric flanged inlets (OOAA)
- **B-0650-01** Same as B-0650-POL except with 6" wrist-action handles (B-WH6) and 00XX flanges, adjustable on a 2-1/2" radius, 9-5/16" (237 mm) from wall to center of outlet
- **B-0650-BSTR** Same as B-0650-BSTP except with rough chrome plated finish
- **B-0650-POL** Same as B-0650-BSTP except without built-in stops
- **B-0650-RGH** Same as B-0650-BSTR except without built-in stops
- **B-0650-02** Same as B-0650-01 except 15-3/4" (400 mm) from wall to center of outlet



### **Service Sink Faucets**

### **B-0651-POL Service Sink Faucet**

- 8" (203 mm) centers
- 5-1/4" (133 mm) clearance from wall to center line of faucet
- 12" (305 mm) from wall to center of outlet
- Polished chrome plated finish
- Bottom support wall brace
- Pail hook
- Plain end spout
- 1/2" NPT female inlets with loose key stops (OOJJ-XT)

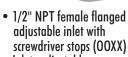


**B-0651-06** Same as B-0651-POL except with 6" wrist-action handles (B-WH6)

**B-0362** Same as B-0651-06 except with 3/4" garden hose threads and 15" (375 mm) from center of wall to outlet

**B-0651-RGH** Same as B-0651-06 except with rough chrome plated finish

### **B-0655-01** Service Sink Faucet



- Inlets adjustable on a 2-1/2" radius
- 6" wrist-action handles (B-WH6)
- Vacuum breaker nozzle with 3/4" aarden hose thread and pail hook
- Bottom support and wall brace

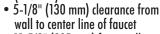


**B-0655-02** Same as B-0655-01 except 15-3/4" (400 mm) from wall to center of outlet

**B-0652** Same as B-0655-02 except without garden hose threads and without vacuum breaker

### **B-0655-BSTP Service Sink Faucet**

- Built-in screwdriver stops
- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)



• 11-5/8" (295 mm) from wall to center of outlet

Polished chrome plated finish

- Vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- Bottom support wall brace
- Inlet extensions 5-1/8" from wall to center of faucet



**B-0655-BSTR** Same as B-0655-BSTP except with rough chrome plated finish

**B-0655-POL** Same as B-0655-BSTP except without built in stops

**B-0655-RGH** Same as B-0655-BSTR except without built in stops

**B-0656-POL** Same as B-0655-BSTP except with integral stops (inlets not eccentric)

**B-0656-RGH** Same as B-0655-BSTR except with integral stops (inlets not eccentric)

### **B-0657 Service Sink Faucet**



- pail hook
- 1/2" NPT female inlet with loose key stops (OOJJ)
- B-WH6 6" (152 mm) wrist-action handles
- Bottom support wall brace
- 1/2" NPT female inlets

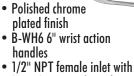
**B-0657-01** Same as B-0657 except with top yolk style brace **B-0657-BST** Same as B-0657 except without OOJJ stops. Includes built in stops in body of faucet

#### **Service Sink Faucets**

### **B-0660-POL Service Sink Faucet** • 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm) • 9" (229 mm) from back of inlets to center of outlet Polished chrome plated finish Top support wall brace • 2-3/8" (60 mm) from wall to center line of faucet • 1/2" NPT female eccentric flanged inlets (OOAA)

- **B-0660-BSTP** Same as B-0660-POL except with built in stops
- **B-0660-BSTR** Same as B-0660-BSTP except with rough chrome plated finish
- **B-0660-RGH** Same as B-0660-POL except with rough chrome plated finish
- B-0661-POL Same as B-0660-POL except with OOJJ stops 10" (254 mm) from wall to center of outlet
- B-0661-RGH Same as B-0661-POL except with rough chrome plated finish

#### **B-0664 Service Sink Faucet**



loose key stops (OOJJ)

- 8" (203 mm) centers
- 9-1/2" (241 mm) from wall to center of outlet
- 3-3/8" (86 mm) from wall to center of faucet
- Bottom wall support
- 3/4" garden hose threads and pail hook

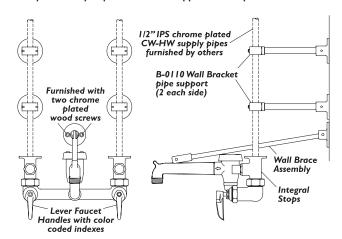


**B-0664-01** Same as B-0664 except with plain end spout, and 15" (381 mm) from wall to outlet and 8-7/8" (225 mm) from wall to center of faucet

**B-0664-02** Same as B-0664 except with plain end spout, and 11-1/4" (286 mm) from wall to outlet and 5-1/8" (130 mm) from wall to center of faucet

#### **B-0662 Service Sink Faucet with Ceiling Supply**

- Polished chrome plated finish
- 8" (203 mm) centers
- OOJJ stops
- Wall brace assembly
- Lever faucet handles
- Vacuum breaker
- Wall braces designed for exposed ceiling supplies
- May be factory adjusted for floor supplies when specified



#### **B-0667-POL Service Sink Faucet**

- 1/2" NPT female flanged adjustable inlets with screwdriver stops (OOXX)
- Adjustable centers from 2-1/4" (57 mm) to 8-1/4" (210 mm)
  • 9-1/2" (241 mm) from back of inlets to
- center of outlet
- Polished chrome plated finish
- Atmospheric vacuum breaker nozzle with 3/4" aarden hose thread and pail hook
- Top support wall brace
- Includes spring checks



**B-0667-POLM** B-0667-POL Master Box (6)

- **B-0667-RGH** Same as B-0667-POL except with rough chrome plated finish
- **B-0667-RGHM** B-0667-RGH Master Box (6)
- **B-0667-RGHM24** B-0667-RGH Master Box (24)
- B-0668-POL Same as B-0667-POL except without integral stops in adjustable inlets
- B-0668-RGH Same as B-0667-RGH except without integral stops in adjustable inlets

#### **Service Sink Faucets**

#### **B-0665-BSTP Service Sink Faucet**

- Built in screwdriver stops
- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 2-3/8" (60 mm) clearance from wall to center line of faucet
- 8-7/8" (225 mm) from wall to center of outlet
- Polished chrome plated finish
- Vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- Top support wall brace
- 1/2" NPT female inlet
- Includes spring checks
  - B-0658 Same as B-0665-BSTP except with OOJJ stops, 9-7/8" (251 mm) from wall to center of outlet and B-WH6 6" (152 mm) wrist-action handles
  - **B-0665-BSTP-963** Same as B-0665-BSTP except with B-0963 vacuum breaker
  - B-0665-BSTP-CVB Same as B-0665-BSTP except with continuous vacuum breaker
  - **B-0665-BSTPM** B-0665-BSTP Master Box (6)
  - **B-0665-BSTPM24** B-0665-BSTP Master Box (24)
  - **B-0665-BSTR** Same as B-0665-BSTP except with rough chrome
  - B-0665-BSTR-963 Same as B-0665-BSTR except with B-0963 vacuum breaker
  - **B-0665-BSTR-CVB** Same as B-0665-BSTR except with continuous vacuum breaker



- B-0665-BSTRM B-0665-BSTR Master Box (6)
- **B-0665-BSTRM12** B-0665-BSTR Master Box (13)
- **B-0665-CR-BSTR** Same as B-0665-BSTR except with ceramic cartridges
- **B-0665-POL** Same as B-0665-BSTP except without built-in stops
- **B-0665-RGH** Same as B-0665-BSTR except without built-in stops
- **B-0666-POL** Same as B-0665-POL except with integral stops 9-7/8" (251 mm) from wall to center of outlet, 3-7/8" (86 mm) from wall to center line of faucet
- **B-0666-RGH** Same as B-0665-RGH except with integral stops 9-7/8" (251 mm) from back of inlets to center of outlet, 3-7/8" (86 mm) from wall to center line of faucet
- **B-1958** Same as B-0658 except 11-5/8" (295 mm) from wall to center of outlet, 4-arm handles (175F)

#### **B-0669-POL Service Sink Faucet**

• 1/2" NPT female flanged adjustable inlets with screwdriver stops (00XX)

- Àdjustable centers from 2-1/4" (57 mm) to 8-1/4" (210 mm) • 5-1/2" (140 mm) from back of
- inlets to center of outlet
- Polished chrome plated finish
- Atmospheric vacuum breaker nozzle with 3/4" garden hose thread
- Includes spring checks
- **B-0669-01** Same as B-0669-POL except with B-0673 spout **B-0669-RGH** Same as B-0669-POL except with rough
- chrome plated finish **B-0670-POL** Same as B-0669-POL except without integral
- stops in adjustable inlets
- **B-0670-01** Same as B-0670-POL except with B-0673 spout
- **B-0670-RGH** Same as B-0669-RGH except without integral stops in adjustable inlets

#### **B-0671-POL Service Sink Outlet**

- 6-1/8" (156 mm) from back of inlets to center of out
- Polished chrome plated finish
- Nozzle has 3/4" garden hose thread and pail hook
- Top support wall brace
- 1/2" NPT female inlet

B-0671-RGH Same as B-0671-POL except with rough chrome plated finish

#### **B-0672-POL Service Sink Faucet**

- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 4-5/16" (110 mm) from back of inlets to center of outlet
- Polished chrome plated finish
- Plain end spout with pail hook
- 1/2" NPT female eccentric flanged inlets (OOAA)

**B-0672-RGH** Same as B-0672-POL except with rough chrome plated finish **B-0673-POL** Same as B-0672-POL — with 3/4" garden hose thread on nozzle **B-0673-RGH** Same as B-0672-RGH — with 3/4" garden hose thread on nozzle



#### B-0674-BSTP Service Sink Faucet

**Service Sink Faucets** 



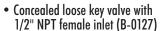
- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 4-3/4" (121 mm) from wall to center of outlet
- Polished chrome plated finish
- Vacuum breaker nozzle with pail hook and 3/4" garden hose thread
- 1/2" NPT female eccentric flanged inlets (OOAA)
- Includes spring checks
- **B-0674-BSTPM** B-0674-BSTP Master Box (6)
- **B-0674-BSTR** Same as B-0674-BSTP except with rough chrome plated finish
- **B-0674-BSTRM** B-0674-BSTR Master Box (6)
- **B-0674-CR-POL** Same as B-0674-POL except with ceramic cartridges
- **B-0674-POL** Same as B-0674-BSTP except without built-in stops
- **B-0659** Same as B-0674-POL except with 6" wrist-action handles (B-WH6)
- **B-0674-POLM** B-0674-POL Master Box (6)
- **B-0674-RGH** Same as B-0674-POL except with rough chrome plated finish
- **B-0674-RGHM** B-0674-RGH Master Box (6)
- B-0674-RGHM24 B-0674-RGH Master Box (24)
- **B-0693-POL** Same as B-0674-POL except with garden hose outlet and 00JJ inlets with integral stops
- **B-2271** Same as B-0674-BSTP except with 3/4"-11 1/2" male garden hose outlet w/ quick-disconnect fitting, rough chrome finish
- **B-2271-CR** Same as B-2271 except with cerama cartridges with check valves

#### B-0695-ST Service Sink Fitting

- Concealed bypass mixing valves on 8" (203 mm) centers
- 1/2" NPT pipe outlet
- Roughing 2-1/2" (64 mm) minimum to 3-1/2" (89 mm) maximum center of inlets to finished wall face
- Braced nozzle with 3/4" garden hose thread and pail hook
- Elevated vacuum breaker (B-0929-A)
- Loose key valves behind flanged outlets with 1/2" NPT female inlets and outlets
- **B-0695** Same as B-0695 except without integral stops



#### B-0692 Service Sink Outlet



- Nozzle with 3/4" garden hose thread outlet
- Elevated vacuum breaker (B-0929-A)







#### B-0697 Service Sink Fitting

- Concealed mixing valve with 1/2" NPT union inlet
- 8" (203 mm) centers
- Roughing 2-1/2" (64 mm) minimum to 3-3/4" (95 mm) maximum center of inlets to finished wall face
- Braced nozzle with 3/4" garden hose thread and pail hook
- 1/2" NPT female inlet



- **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 nozzle
- **B-0699-ST** Same as B-0699 except with integral stops and teardrop flanges

#### B-2480 Service Sink Faucet

- 1/2" NPT female inlets
- · Rough chrome plated finish
- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)
- 2-3/8" (60 mm) from wall to center of faucet
- 4-5/16" (110 mm) from wall to center of outlet
- 3/4" garden hose outlet and pail hook
- Four-arm handles (175F)



#### **Accessories**

#### B-0618-01 **Reinforced PVC Hose**

- Reinforced PVC hose
- 3' (914 m) long
- 3/4" garden hose inlet
- 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

#### B-0653 **Mop Hanger**

- Stainless steel mop hanger
- Three spring-loaded rubber grips
- 24" (610 mm) long x 3-3/4" (95 mm) wide



#### B-0654 Stainless Steel Hose Bracket

- Stainless steel hose bracket
- Spring-loaded rubber grip
- 3' (914 mm) rubber hose (B-0618-01) with 3/4" garden hose inlet



#### **Sill and Heavy-Duty Sink Faucets**

#### **B-0700 Single Sink Faucet**

- 1/2" NPT female inlet
- 3-7/8" (98 mm) from outlet to center of spout
- Four-arm handle (175F)



**B-0702** Same as B-0700 except with 3/4" garden hose outlet



#### **B-0706** Self-Closing, Single Sink Faucet

- 1/2" NPT female inlet
- 3-7/8" (98 mm) wall to center of spout
- Four-arm handle (061L)
- Quick self-closing valve

**B-0707** Same as B-0706 except with 3/4" garden hose outlet



#### B-0715 **Single Sink Faucet**

- 1/2" NPT male inlet
- Adjustable flange
- 6" (152 mm) inlet to center of outlet
- Lever handle (177F)
- Plain outlet

**B-0716** Same as B-0715 except with four arm handle (175F)





#### B-0703 **Single Sink Faucet**

- 1/2" NPT male inlet
- 3-1/2" (89 mm) wall to center of spout
- Four-arm handle (175F)

B-0704 Same as B-0703 except with 3/4" garden hose outlet

#### **B-0708 Self-closing, Single** Sink Faucet

- 1/2" NPT male inlet
- 3-1/2" (89 mm) wall to center of spout
- Four-arm handle (061L)
- Quick self-closing valve

**B-0709** Same as B-0708 except with 3/4" garden hose outlet

**B-0709-JJ** Same as B-0709 except with JJ union coupling inlet with loose key stop

#### **B-0717 Single Sink Faucet**

- 1/2" NPT male inlet
- Adjustable flange
- 5" (127 mm) from inlet to center of outlet
- Lever handle (177F)
- 3/4" garden hose outlet

**B-0718** Same as B-0717 except with four arm handle (175F)



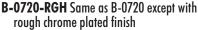




#### **Sill and Heavy-Duty Sink Faucets**

#### B-0720 Sill Faucet with Vacuum Breaker

- 1/2" NPT female flanged inlet
- Key (001802-45) or screwdriver controlled handle
- Atmospheric vacuum breaker
- 3/4" garden hose outlet
- Polished chrome plated finish



**B-2301** Same as B-0720 except with four arm handle (175F)



#### B-0710 Single Basin Faucet

- 1/2" NPS male shank
- 4-1/8" (105 mm) from center of faucet to center of spout
- Four-arm handle (175F)
- B-0109-01 aerator
- 10° angle on aerator



**B-0710-01** Same as B-0710 except with alpine handle (076F) **B-0710-WS** Same as B-0710 except with low-flow aerator (1.5 GPM)

**B-0711** Same as B-0710 except with quick self-closing valve, four arm handle (061L)

## B-0712-PA Pivot Action Metering Valve



- Pivot action metering valve with cap
- 1/2" NPS male shank
- Supplied with nut and tailpiece for optional 1/4" NPT connection
- 4-1/8" (105 mm) center of faucet to center of spout
- Spout 1-1/4" (31 mm) above deck
- Vandal resistant
- 10° angle on aerator



- **B-0712-01** Same as B-0712 except with 4" wrist-action metering cartridge assembly
- **B-0713** Same as B-0712 except with push-button metering and B-0199-08 aerator
- **B-0712-01VRS** Same as B-0712 except with lever handle and vandal resistant handle index

#### B-0730 Sill Faucet

- 1/2" NPT female flanged inlet
- Key (001802-45) or screwdriver controlled handle
- 3/4" garden hose outlet
- Rough chrome plated finish



**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" female inlet

#### B-0736 Sill Faucet with Vacuum Breaker

- 1/2" NPT female flanged inlet
- Key (001802-45) or screwdriver controlled handle
- Removable vacuum breaker
- 3/4" garden hose outlet
- Polished chrome plated finish



**B-0737** Same as B-0736-POL except with 3/4" female inlet **B-0737-POL** Same as B-0736-RGH except with 3/4" female inlet

#### B-2460 Single Basin Faucet

- 1/2" NPS male shank
- 4-1/8" (105 mm) from center of faucet to center of spout
- 4" wrist-action ceramic cartridge assembly
- Anti-rotation cover plate
- 10° angle on aerator



## B-2490-PA Pivot Action Metering Valve

- Slow self-closing pivot action metering valve with cap
- 4" (102 mm) from center of faucet to center of spout
- Single hole with 4" spreader unit
- Supplied with nut and tailpiece for optional 1/4" NPT connection





#### **Single Temperature Valves and Washdown Stations**

#### MV-0771-12C Mixing Valve

- Cast bronze valve
- Renewable disc
- Nickel alloy seats
- Two integral check valves
- 3/4" cast bronze unions
- 3/4" mixing valve



### MV-0771-12R Water Mixing Station

 Hot and cold mixing valve enclosed in recessed cabinet

Note: all available with a 1/2" valve (MV-0771-11R)

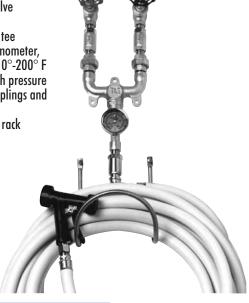


#### MV-0771-12CW Mixing Valve

- MV-0771 mixing valve
- Water gun
- Brass thermometer tee
- Stainless steel thermometer, temperature range 0°-200° F

 50 ft. (15.25 m) high pressure hose with brass couplings and swivel fittings

• Stainless steel hose rack



#### Model No. Size Valve (inches)

	•
MV-0771-11CW	1/2"
MV-0771-11NW	1/2"
MV-0771-12CW	3/4"
MV-0771-12NW	3/4"
MV-0771-12-R	3/4"

#### MV-1907-12C Cast Bronze Valve

 3/4" NPT inlet and outlet cast bronze globe valve with renewable disc and nickel alloy seat

 Two B-0109-01 wall brackets, adjustable from 2" to 6" from wall

Supply piping furnished by others



Model No. Size Valve (inches)

MV-1907-11 1/2" MV-1907-12 3/4"

Note: furnished in chrome or natural finish.

Add suffix "C" or "N" to part number.

### **Single Temperature Valves and Washdown Stations**

#### MV-1907-12CW Single Temperature Valve

- MV-1907 valve
- Water gun
- 50 ft. (15.2 m) 3/4" heavy duty hose
- Brass swivel connector for water gun
- Brass thermometer tee
- Stainless steel thermometer, temperature range 0°-200° F
- Stainless steel hose rack
- Chrome finish

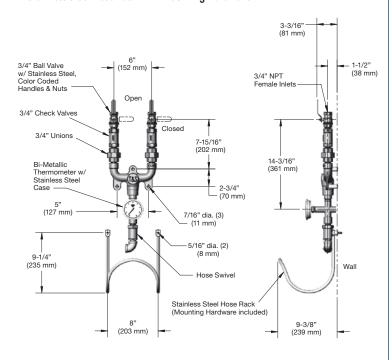
Model No. Size Valve (inches) 1/2" 1/2" 3/4"

MV-1907-11 CW-ER Same as MV-1907-11 CW except with 10' hose and water gun



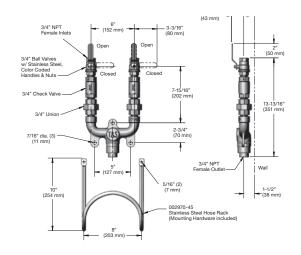
### MV-0771-12N-BVT Washdown Station

- 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
- Hose swivel
- 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





#### **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
- 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
- Automatic shut-off conserves water
- Rated up to 200 psi
- Blue rubber cover



#### **T&S Water Gun Replacement Parts:**

014087-45	5/16" and 7/16" Orifice, Rear Trigger Cartridge Assembly
014132-45	9/16" Orifice, Rear Trigger Cartridge Assembly
014086-45	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

**NEW!** Aluminum water gun with 5/16" flow orifice

- Blue rubber cover
- Includes 1/2" NPT x 3/8" NPT female adapter (not shown)
- Weighs 1/2 lb. less than MV-2516 and MV-2522
- Variable spray patterns
- Drip-free automatic shut-off

See chart on page E18 for various models available

#### 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**

Model: MV-2516- \_\_\_\_ 2 1 3 2 4 3 4

#### Orifice Size

#### 2 = 5/16"

3 = 7/16"

4 = 9/16"

Co	u	pl	İ	n	g

1 = 1/2" 2 = 3/4"

3 = 1"

4 = without

Model	Orifice Size	Coupling
MV-2516-		
-21	5/16"	1/2"
-22	5/16"	3/4"
-23	5/16"	]"
-24	5/16"	w/out
-31	7/16"	1/2"
-32	7/16"	3/4"
-33	7/16"	1"
-34	7/16"	w/out
-41	9/16"	1/2"
-42	9/16"	3/4"
-43	9/16"	1"
-44	9/16"	w/out

#### **B-2522 Series Front Trigger Water Guns**

Model: MV-2522-

#### **Orifice Size**

2 = 5/16" 3 = 7/16"

4 = 9/16"

## Coupling 1 = 1/2"

2 = 3/4"

3 = 1"

4 = without

Model	Orifice Size	Coupling
MV-2522-		
-21	5/16"	1/2"
-22	5/16"	3/4"
-23	5/16"	1"
-24	5/16"	w/out
-31	7/16"	1/2"
-32	7/16"	3/4"
-33	7/16"	]"
-34	7/16"	w/out
-41	9/16"	1/2"
-42	9/16"	3/4"
-43	9/16"	]"
-44	9/16"	w/out











### **G-10** General Product Catalog

#### **Table of Contents**



#### Safe-T-Link Appliance Connectors - F **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 F4-5 SwiveLink fittings) • HG-6 Series (with reversed quick-disconnect F4-5 • HG-S Series (stationary appliance gas F5 connectors) • Safe-T-Link Gas Hose fittings F4-5 • How to Specify a Gas Appliance Connector F6 • Gas Hose Installation Kit F7 • Gas Appliance Connector Parts and F7 Components • 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 F9 Water Appliance Connectors and Accessories ..... F10-11 • HW-2 Series (hose only) F10 • HW-4 Series (with quick-disconnect fittings) F10 • HW-6 Series (with reversed quick-disconnect F10 • Water Appliance Connector Parts and Components F10 • How to Specify a Water Appliance Connector F11 Index By Model Number and Description ..... F12

Notes

#### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the **G-10 General Product Catalog** "Master Index" section (IN).



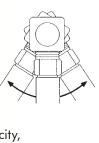
# SAFEGE More Reasons Than Ever To Connect With T&S

### **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: 1/2" to 1-1/4"

#### 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



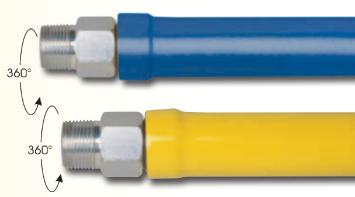
#### FreeSpin Performance Advantages

- 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 1/2" through 1-1/4"



### **NEW! 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





### **Gas Appliance Connectors**

### **The Safe-T-Link Advantage**

## 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



## **Quick-Disconnect Advantages**

operational safety.

- 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
- · High quality construction
- CSA approval
- Easy operation



#### Reversed Quick-Disconnect Advantages

- 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
- · 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.



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 flexibility.

#### **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

### SAFETLINK

#### **Gas Appliance Connectors**

· Welded fittings

Extruded coating

· Stainless braid

#### **HG-2 Series** with FreeSpin Fittings

- FreeSpin rotating gas fittings on both ends, male to male
- Welded fitting connections
- Safe stainless braid
- Extruded coating
- 1/2 PSI max. gas pressure

#### **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
- 1/2 PSI max. gas pressure

#### **HG-6 Series Reversed Quick-Disconnect**

- Male to quick-disconnect plug (reversed quickdisconnect) one end, FreeSpin rotating gas fitting other end
- Welded fittings



#### **HG-2-S Series** with SwiveLink Fittings

Add an "S" to include SwiveLink swivels at both ends

- Maximum clearance from wall
- Minimum folded lenath
- Stress-free and torque-free motion
- No lock-up position
- 1/2 PSI max. gas pressure



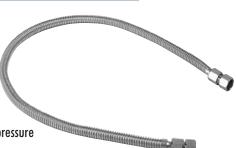
#### **HG-4-S Series** with Quick-Disconnect and SwiveLink Ends

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
- 1/2 PSI max. gas pressure

#### **HG-S Series Stationary Appliance Gas Connectors**

- Stainless steel stationary appliance gas connector
- Available in 3/4" thread
- 36" to 48" length
- 1/2 PSI max. gas pressure



### **Gas Hose Fittings**

#### FreeSpin **Fittings**

- Standard on both gas hose ends
- Freely rotates 360° even when tight, ending twisted hoses
- Tapered fittings for tighter fit
- · Hose does not have to turn to tighten
- Available in sizes 1/2" through 1-1/4"
- 1/2 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 1-1/4"
- 1/2 PSI max. gas pressure





#### **Gas Appliance Connectors - Specifications**

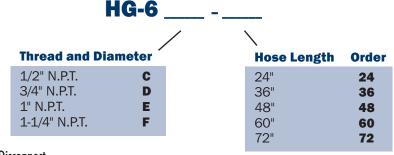
#### **Specifying An HG-2 and HG-4 Gas Appliance Connector**

HG -HG-2 **Hose Design Order Suffixes** Order Male to Male 2 **SwiveLink** Add SwiveLink fitting to both Male to Quick-Disconnect 4 S\* ends of the hose assembly **Installation Kit Internal Thread HG-2S** Includes everything necessary and **Diameter Order** for an installation POSI-SET™ NE 1/2" N.P.T. C Includes one pair POSI-SET 3/4" N.P.T. D (Wheel Placement System 1" N.P.T. Ε for Moveable Cooking Equip.) PS\*\* 1-1/4" N.P.T. F Length **Order** HG-4 24" 24 \* You may add an "S" and/or "K" suffix to **Example:** 36" 36 your order Gas hose and Installation Kit with Quick-Disconnect, 48" 48 \*\* Models -2C, -2D, -4C, -4D and -4E only 3/4" N.P.T. and 48" long with SwiveLink fittings:

#### **Specifying An HG-6 Gas Appliance Connector**

60"

72"



60

72



**HG-4S** 

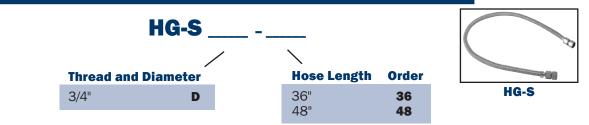
#### **Example:**

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, 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. F7) 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:

it with 1/2" Elbov	V AG-KC
it with 3/4" Elbow	/ AG-KD
it with 1" Elbow	AG-KE
it with 1-1/4" Elbe	ow <b>AG-KF</b>
' cable w/ hardwa	are AG-RC

#### **Gas Appliance Parts, Components and Accessories**

#### **Quick-Disconnect**

AG-5C 1/2" 3/4" AG-5D 1" AG-5E 1-1/4" AG-5F



#### **SwiveLink**

1/2" AG-6C 3/4" AG-6D AG-6E 1-1/4" 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 AG-8E-MF

**Female-Female Elbow** 3/4" AG-8D-FF



\* Use of Street Els not recommended in Canada

#### **Gas Ball Valve**

3/4" AG-7D

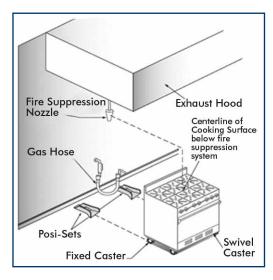


#### **POSI-SET™** Wheel Placement System

- 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 NEW 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 model number
- One pair of POSI-Set included with each gas hose model

Add "-PS" to hose model



HG-2C-36-PS	HG-4C-48K-PS	HG-4D-48S-PS
HG-2C-48-PS	HG-4C-48SK-PS	HG-4D-48SEL-PS
HG-2C-60-PS	HG-4D-24-PS	HG-4D-48SK-PS
HG-2D-24-PS	HG-4D-36-PS	HG-4D-60-PS
HG-2D-36-PS	HG-4D-36K-PS	HG-4D-60S-PS
HG-2D-48-PS	HG-4D-36SK-PS	HG-4D-60SK-PS
HG-2D-60-PS	HG-4D-48-PS	HG-4E-48K-PS
HG-4C-48-PS	HG-4D-48K-PS	HG-4E-48SK-PS

#### **Gas Appliance Connectors Capacity**

Maximum B.T.U. Capacity (in thousandths)

		24"	36"	48"	60"	<b>72</b> "
	C=1/2"	150	125	106	95	86
HG-2	D=3/4"	291	250	215	200	174
110-2	E=1"	582	515	443	395	348
	F=1-1/4"	1075	945	818	735	634
		24"	36"	48"	60"	72"
	C=1/2"	129	111	97	90	84
HG-2-S	D=3/4"	291	250	215	200	174
	E=1"	582	515	443	395	348
	F=1-1/4"	1042	926	809	735	634
		24"	36"	48"	60"	72"
	C=1/2"	<b>24</b> " 85	<b>36"</b> 75	<b>48"</b> 70	<b>60"</b> 65	<b>72"</b> 55
HG-4	C=1/2" D=3/4"					
HG-4 HG-4-S	D=3/4"	85	75	70	65	55
	D=3/4"	85 235	75 220	70 180	65 160	55 140
	D=3/4" E=1"	85 235 420	75 220 380	70 180 335	65 160 290	55 140 280
	D=3/4" E=1"	85 235 420	75 220 380	70 180 335	65 160 290	55 140 280
	D=3/4" E=1"	85 235 420 700	75 220 380 620	70 180 335 540	65 160 290 475	55 140 280 420
HG-4-S	D=3/4" E=1" F=1-1/4"	85 235 420 700 <b>24"</b>	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> "
	D=3/4" E=1" F=1-1/4"	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 B.T.U. Capacity (in thousandths)

		36"	48"
HG-S	D=3/4"	128	106

### Tas

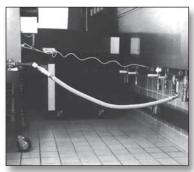
#### **SwivelLink Installation Instructions**

Specify the T&S **SwiveLink** swivel, the ultimate connector accessory, and you gain increased mobility and critical space savings over fixed-end products.

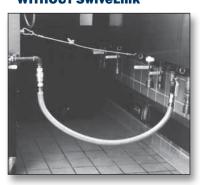
For the first time, let **SwiveLink** connect you to the ultimate convenience of utilizing 100% of the connector's overall length.

- 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 1-1/4"
- 1/2 PSI max. gas pressure

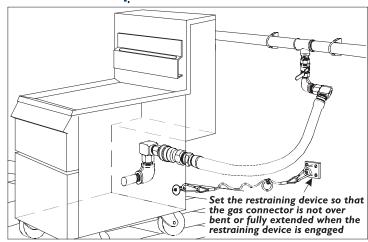
### Usable length of hose with SwiveLink



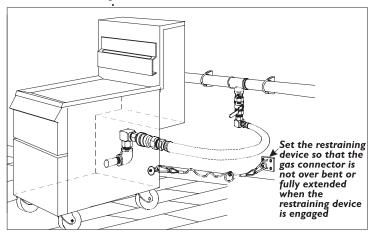
### Usable length of hose WITHOUT SwiveLink



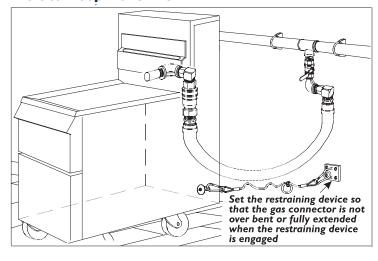
#### **Combination Loop with SwiveLink**



#### **Horizontal Loop with SwiveLink**



#### **Vertical Loop with SwiveLink**





#### **Water Appliance Connectors**

- Hot and cold water appliance connectors
- Welded fittings
- Extruded coating
   Stainless braid
- Rated to 175°F maximum

#### **HW-2 Series** with FreeSpin Fittings

- Male to male end fittings
- Welded fitting connections
- Coated stainless steel hose
- Extruded coating



#### **HW-4 Series** with Quick-Disconnect

- Male to quick-disconnect fittings
- Welded fitting connections
- Coated stainless steel hose
- Extruded coating



**Notes** 

### HW-6 Series Reversed Quick-Disconnect **Cold Water Hoses**

- Male to quick-disconnect plug (reverse quick-disconnect)
- Welded fittings
- Extruded coating
- Stainless steel braid hose



#### **Water Appliance Parts** and Components

#### **Brass Quick-Disconnect**

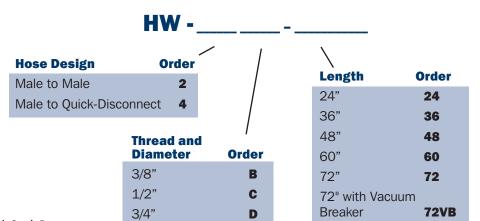
3/8" AW-5B 1/2" AW-5C 3/4" AW-5D






#### **Water Appliance Connectors - Specifications**

#### Specifying An HW-2 and HW-4 Water Appliance Connector









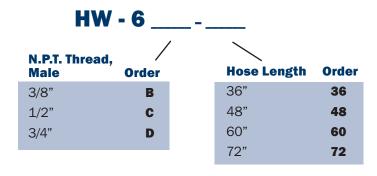
#### **Example:**

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, 1/2" N.P.T. and 36" long:

HW - 6C - 36



Listed alphabetically by model number

Model	Description	Model	Description	Model	Description
GAS APPLIAN	ICE 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 11/4" x 48" SW KIT	HG-4F-60K	Gas Hose 11/4" 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 11/4" 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	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-48S	Gas Hose ½" x 48" SW Q-D		
AG-RC	5 ft. CABLE w/ HARDWARE	HG-4C-48SK	Gas Hose ½" x 48" Q-D SW KIT		
HG-2C-36	Gas Hose ½" NPT x 36" Lngth.	HG-4C-60	Gas Hose ½" x 60" Q-D		IANCE CONNECTORS
HG-2C-36K	Gas Hose ½" X 36" KIT	HG-4C-60K	Gas Hose ½" x 60" KIT	AW-5B	%" Brass Q-Disconnect
HG-2C-36S	Gas Hose ½" x 36" SWIVEL	HG-4C-60S	Gas Hose ½" x 60" SW Q-D	AW-5C	1/2" 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, %" 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, 3/8" 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 HW-2B-72	Water Hose, Male, %" x 48" Water Hose, Male, %" x 72"
HG-2C-60	Gas Hose ½" NPT x 60" Lngth.	HG-4D-24 HG-4D-24K	Gas Hose 3/4" x 24" Q-D	HW-2C-36	Water Hose, Male, ½" x 36"
HG-2C-72 HG-2C-72K	Gas Hose ½" NPT x 72" Lngth.  Gas Hose ½" NPT x 72" KIT	HG-4D-24K	Gas Hose ¾" x 24" Q-D KIT Gas Hose ¾" x 24" SW Q-D	HW-2C-48	Water Hose, Male, ½" 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-24K	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, <sup>3</sup> / <sub>4</sub> " 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 3/4" 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 3/4" x 36" KIT	HG-4D-48	Gas Hose 3/4" x 48" Q-D	HW-4B-48	Water Hose w/Q-D, %" x 48"
HG-2D-36S	Gas Hose 3/4" 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
HG-2D-48	Gas Hose 3/4" NPT x 48" Lngth.	HG-4D-48SK	Gas Hose 3/4" x 48" Q-D SW KIT		Breaker, %" x 72"
HG-2D-48K	Gas Hose 3/4" x 48" KIT	HG-4D-60	Gas Hose 3/4" x 60" Q-D	HW-4C-36	Water Hose w/Q-D, ½" x 36"
HG-2D-48S	Gas Hose 3/4" x 48" SWIVEL	HG-4D-60K	Gas Hose 3/4" x 60" Q-D KIT	HW-4C-48	Water Hose w/Q-D, ½" x 48"
HG-2D-48SK	Gas Hose 3/4" 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 3/4" 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 3/4" x 72" Q-D KIT	UW 4D 40	Breaker, ½" x 72"
HG-2D-72	Gas Hose 3/4" NPT x 72" Lngth.	HG-4D-72S	Gas Hose 3/4" 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 HW-6C-48	Water Hose w/RVS-Q-D, ½" x 36" Water Hose w/RVS-Q-D, ½" x 48"
HG-2D-72S	Gas Hose 3/4" x 72" SWIVEL	HG-4E-36	Gas Hose 1" NPT x 36" LNG Q-D	HW-6D-48	• •
HG-2D-72SK	Gas Hose 3/4" x 72" SW KIT	HG-4E-36K	Gas Hose 1" x 36" Q-D KIT	1141-0D-40	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		
HG-2E-48K	Gas Hose 1" x 48" KIT		Gas Hose 1" x 48" SW Q-D, RC KIT		F8 For NEW
HG-2E-48S	Gas Hose 1" x 48" SWIVELS	HG-4E-48SK	Gas Hose 1" x 48" Q-D SW KIT	POSI-SET	™ Gas Hose Models!



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.

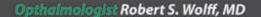
In addition to the AXION MSR medical innovations, this exciting new patent-pending product has a number of features that set it apart from any other eyewash on the market:

- 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.





### Tes

### **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**

- · Twin ABS green plastic eyewash heads with built-in 2.5 gpm flow control
- · Integral flip top dust covers automatically release with flow of water
- · Round stainless steel receptor with chrome plated brass stay open ball valve, 1/2" IPS inlet and outlet, 1-1/4" IPS 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 and eyewash preservative to permit storage of water for up to six months. Note: unit must be wall hung

#### **Accessories:**

**EW-9082** Bacteriostatic preservative, four bottles per carton. One 8 oz. bottle preserves six to 20 gallons of water for up to six months.

#### EW-7611 Countertop Mounted Pull Down Eye/Face Wash Unit

- · Polished chrome plated brass eye/face wash swings forward to activate
- · Twin ABS green plastic heads with built in 2.5 gpm flow control
- · Integral flip top dust covers automatically release with flow of water
- · 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
- Twin polished chrome plated brass anti-surge Soft-Flo heads, 1/4" IPS, with 1.2 gpm flow control
- · Controls water flow rate when flow pressure is between 30 and 90 psi
- · Green polyetheylene dust covers automatically release with flow of water
- · 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.

#### EW-8904 Counter Mounted Laboratory Eye/Face Wash Unit

- · Countertop mounted eye/face and body spray
- · Twin ABS plastic green heads positioned at 45° angle
- · Controls water flow rate when flow pressure is between 30 and 90 psi
- · Stay open squeeze lever valve with built in 6.25 gpm flow control assembly, 1/2" IPS inlet and 1/4" outlet
- · Integral flip top dust covers automatically release with flow of water
- · 8' green pressure rated hose with 1/2" IPS inlet and outlet, chrome plated fitting and Noryl plastic 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 requiring flow up to 7 gpm @ 30 psi, sufficient for a single eye/face wash unit
- · 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 +/- 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**

- · 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 eywash orifice







EW-9095 (installed)

For Replacement Parts, see next page

- · 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



### **Emergency Safety Equipment 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 Assembly**

· Threaded cap assembly 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" FIPS inlet and 1/4" FIPS outlet

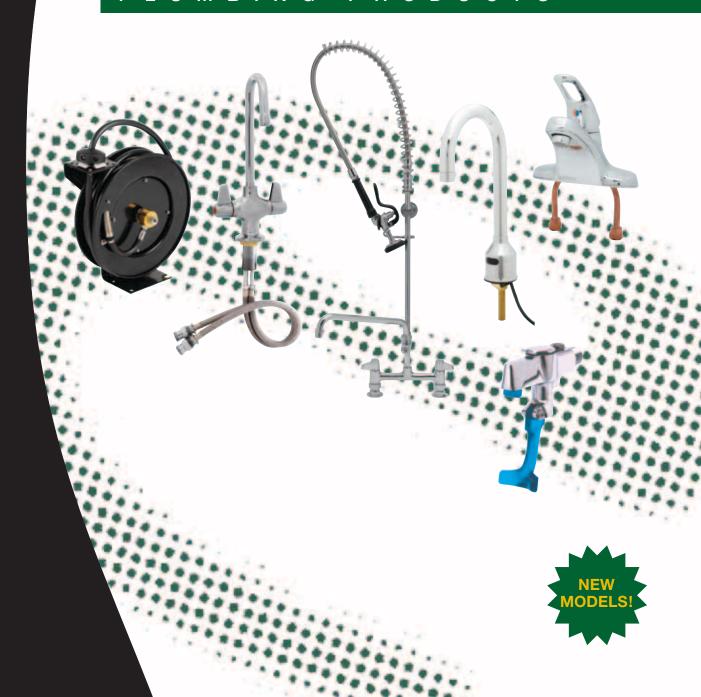
#### **EW-SP509 In-Line Mesh Strainer**

- · Fully serviceable 50 x 50 mesh strainer filters debris from reaching the eye or eye/face wash
- · 1/2" x 1/4" strainer, 90°
- · 1/2" slip-joint nut and washers for connecting to combination shower and eyewash units
- · For model EW-7360B





## PLUMBING PRODUCTS



### **G-10** General Product Catalog

**Table of Contents** 



#### **Equip Plumbing Products - 1 Notes** Equip Electronic Faucets ...... H3 **NEW MODELS!** Deck Mount Electronic Faucets • Wall Mount Electronic Faucets Equip Pre-Rinse Units ...... H4-8 • 4" Deck Mount Pre-Rinses H4 • Single Hole Deck Mount Pre-Rinses H5 • 8" Wall Mount Pre-Rinses H6 • 8" Deck Mount Pre-Rinses H7 Single Supply Deck-Mount Pre-Rinses **H8** Equip Faucets ...... **H9-17** 4" Deck Mount Faucets H10-H13 • 4" Wall Mount Faucets H12 • Single Hole Deck Mount Faucets H14 • 8" Deck Mount Faucets H15 • 8" Wall Mount Faucets H16 • Single Supply Deck Mount Faucets H9 • Centerset Single Lever Deck Mount Faucets H17 Equip Glass Fillers ...... H17-18 Wall Mount and Deck Mount Glass Fillers H17-18 Glass Filler/Water Station H18 Equip Hose Reels ...... H19-21 Open Hose Reels/Parts Equip Accessories ...... H22-24 • Pre-Rinse Accessories, Handles, Kits, Add-On Faucets, Inlets, Water Guns, Spray Valves, Swing Nozzles and Swivel Goosenecks H22-24 Equip Warranty/Certifications ...... H25

#### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the **G-10 General Product Catalog** "Master Index" section (IN).



#### 5EF-1D-DG

#### **Electronic Faucet**

- · Single hole sensor faucet
- Deck mount, rigid gooseneck
- AC-DC control module
- · Temperature control mixing valve

#### 5EF-1D-DG-4DP

• Same as 5EF-1D-DG except with 4" deck plate

#### 5EF-1D-DGSM

· Same as 5EF-1D-DG except with side mount mixing faucet with temperature and on-off control

#### 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**

- · Wall mount sensor faucet
- · Rigid gooseneck
- AC-DC 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

#### 5EF-1D-WGMM-HG

· Same as 5EF-1D-WG except with hydrogenerator accessory

male fittings

5EF-1D-DG

5EF-1D-WG

#### 5EF-1D-DS

#### **Electronic Faucet**

- · Single hole sensor faucet
- · Deck mount, cast spout
- AC-DC control module
- Temperature control mixing valve

#### 5EF-1D-DS-4DP

• Same as 5EF-1D-DS except with 4" deck plate

#### 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-2D-DS

#### **Electronic Faucet**

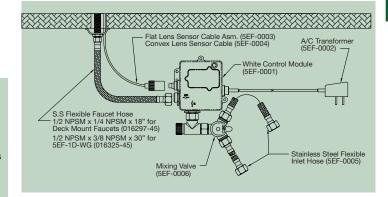
- 4" centerset sensor faucet
- · Deck mount, cast spout
- AC-DC control module
- Temperature control mixing valve

#### 5EF-2D-DS-TMV

· Same as 5EF-2D-DS except with thermostatic temperature control mixing valve with integral check valves

#### 5EF-2D-DS-VF05

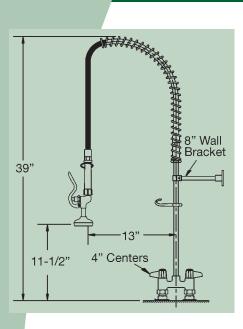
Same as 5EF-2D-DS except with 0.5 GPM vandal-resistant outlet device



#### **Electronic Faucets Replacement Parts**

• 5EF-0001 Control module • 5EF-0002 AC transformer • 5EF-0003 Flat lens sensor wire assembly • 5EF-0004 Convex lens and sensor wire assembly Flexible supply hose for 3/8" compression stops • 5EF-0005 • 5EF-0006 Electronic faucet mixing valve • 5EF-FILTER Electronic faucet control module filter • 5EF-TMV Thermostatic mixing valve with 1/2" NPSM

> Phone: (800) 891-4808 Fax: (800) 868-0084 Web: equip.tsbrass.com

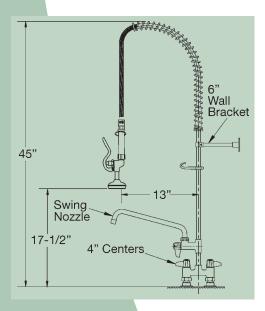


### 5PR-4D00

#### 4" Deck Mounted Pre-Rinse Unit

- Faucet with 4" centers
- Built-in check valves
- Inlet kit (014046-40) sold separately
- Includes 6" wall bracket
- 1.42 GPM at 60 PSI
- Available with add-on faucet:

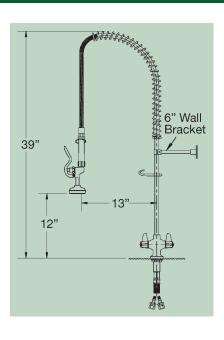
Model No.: 5PR-4D18 18" Add-On Faucet 5PR-4D14 14" Add-On Faucet 5PR-4D12 12" Add-On Faucet 5PR-4D10 10" Add-On Faucet 5PR-4D08 8" Add-On Faucet 5PR-4D06 6" Add-On Faucet





Phone: (800) 891-4808 Fax: (800) 868-0084 Web: equip.tsbrass.com





### 5PR-2S00

#### **Single Hole Deck Mounted Pre-Rinse Unit**

- Single hole faucet
- Supplied with 1/2" in-line check valves
- 18" flexible inlets with 1/2" couplings
- Includes 6" wall bracket
- 1.42 GPM at 60 PSI
- Available with add-on faucet:

Model No.: 5PR-2S18 18" Add-On Faucet 5PR-2S14 14" Add-On Faucet 5PR-2S12 12" Add-On Faucet 5PR-2S10 10" Add-On Faucet 5PR-2S08 8" Add-On Faucet 5PR-2S06 6" Add-On Faucet

6" Wall Bracket 45" 13" Swing Nozzle

### **Pre-Rinse Unit**

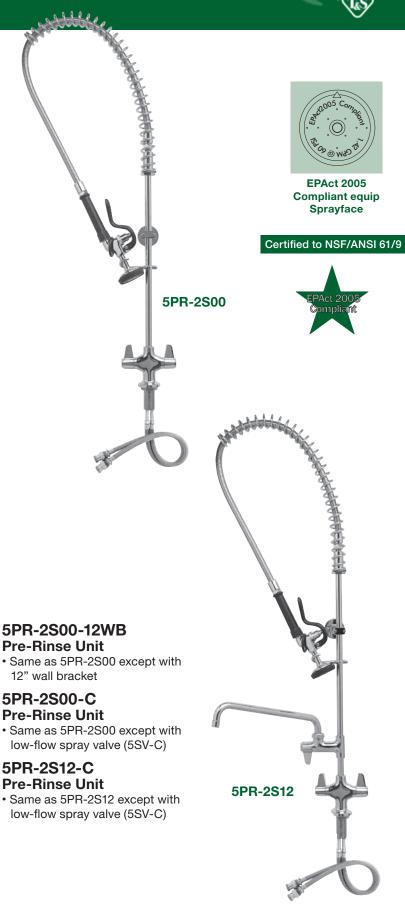
12" wall bracket

#### 5PR-2S00-C **Pre-Rinse Unit**

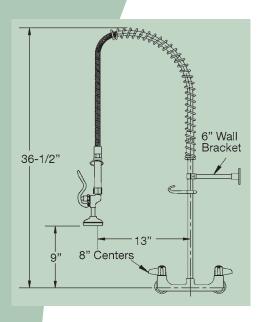
low-flow spray valve (5SV-C)

#### 5PR-2S12-C **Pre-Rinse Unit**

· Same as 5PR-2S12 except with



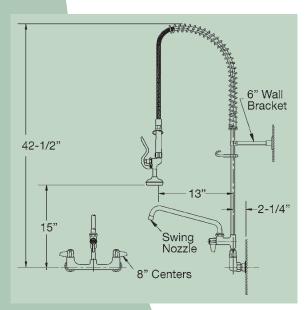
Phone: (800) 891-4808 Fax: (800) 868-0084 Web: equip.tsbrass.com



#### 5PR-8W00 8" Wall Mounted Pre-Rinse Unit

- Faucet with 8" centers
- Built-in check valves
- Inlet kit (014061-40) sold separately
- Includes 6" wall bracket
- 1.42 GPM at 60 PSI
- Available with add-on faucet:

Model No.: 5PR-8W18 18" Add-On Faucet 5PR-8W12 12" Add-On Faucet 5PR-8W10 10" Add-On Faucet 5PR-8W08 8" Add-On Faucet 5PR-8W06 6" Add-On Faucet





#### 5PR-8W00-C Pre-Rinse Unit

 Same as 5PR-8W00 except with low-flow spray valve (5SV-C)

#### 5PR-8W12-C Pre-Rinse Unit

 Same as 5PR-8W12 except with low-flow spray valve (5SV-C)

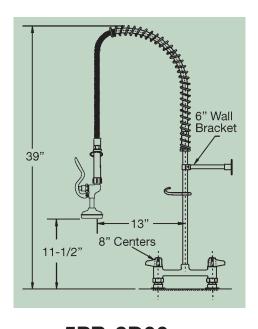
## 5PR-8W14-TWV Pre-Rinse Unit

 Same as 5PR-8W14 except with three (3) B-3950 twist waste valves



Phone: (800) 891-4808 Fax: (800) 868-0084 Web: equip.tsbrass.com



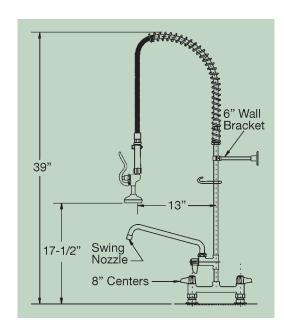


### 5PR-8D00

#### 8" Deck Mounted Pre-Rinse Unit

- Faucet with 8" centers
- Built-in check valves
- Inlet kit (014046-40) sold separately
- Includes 6" wall bracket
- 1.42 GPM at 60 PSI
- Available with add-on faucet:

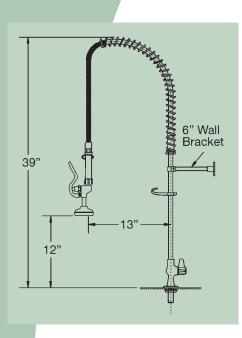
Model No.: 5PR-8D18 18" Add-On Faucet 5PR-8D14 14" Add-On Faucet 5PR-8D12 12" Add-On Faucet 5PR-8D10 10" Add-On Faucet 5PR-8D08 8" Add-On Faucet 5PR-8D06 6" Add-On Faucet





Phone: (800) 891-4808 Fax: (800) 868-0084 Web: equip.tsbrass.com

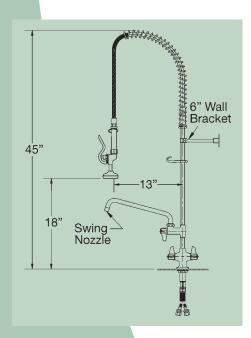
#### **Pre-Rinse Units**



#### 5PR-1S00 **Single Supply Deck Mounted Pre-Rinse Unit**

- Single supply faucet
- Includes 6" wall bracket
- 1.42 GPM at 60 PSI
- Available with add-on faucet:

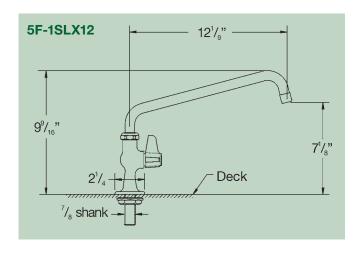
Model No.: 5PR-1S18 18" Add-On Faucet 14" Add-On Faucet 5PR-1S14 5PR-1S12 12" Add-On Faucet 10" Add-On Faucet 5PR-1S10 5PR-1S08 8" Add-On Faucet 5PR-1S06 6" Add-On Faucet





Phone: (800) 891-4808 Fax: (800) 868-0084 Web: equip.tsbrass.com







## **5F-1SLX12**Single Supply Deck Mounted Faucet

#### omgro ouppry zook mountour autor

- Single supply deck mounted faucet with 12" swivel nozzle
- Also available with other length swivel nozzles:

Model No.: 5F-1SLX18 18" swivel nozzle 5F-1SLX14 14" swivel nozzle 5F-1SLX10 10" swivel nozzle 5F-1SLX08 8" swivel nozzle 5F-1SLX06 6" swivel nozzle 5F-1SLX00 Less swivel nozzle

#### 5F-1SLX05

### Single Supply Deck Mounted Faucet with 5½" Swivel Gooseneck

- Same as 5F-1SLX12 except with 51/2" swivel gooseneck
- 14-5/8" height; 9-3/16" clearance from aerator to deck

#### 5F-1SLX03

### Single Supply Deck Mounted Faucet with 3" Rigid Gooseneck

- Same as 5F-1SLX12 except with 3" rigid gooseneck
- 12-11/16" height; 8-15/16" clearance from aerator to deck

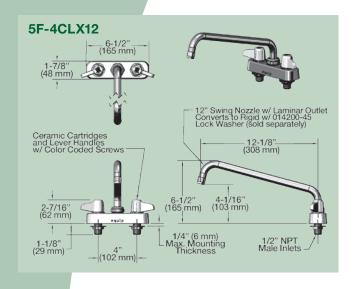
#### 5F-1SLX00

#### **Single Supply Deck Mounted Faucet**

• Single supply deck mounted faucet only, less nozzle



Phone: (800) 891-4808 Fax: (800) 868-0084 Web: equip.tsbrass.com





5F-4CLX12

## 5F-4CLX12 4" Deck Mount Workboard Faucet

- Deck mounted faucet with 12" swing nozzle with laminar outlet
- Ceramic cartridges
- Converts to rigid with (#014200-45) lock washer (sold separately)
- 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

#### 5F-4CLX05 4" Deck Mount Workboard Faucet with 5½" Swivel Gooseneck

- Same as 5F-4CLX12 except with 5½" swivel gooseneck with laminar outlet
- 11-7/8" height; 6-5/8" clearance from aerator to deck

#### 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 from aerator to deck

#### 5F-4CLX00 4" Deck Mounted Faucet

· Deck mounted faucet only, less nozzle



#### NOTE:

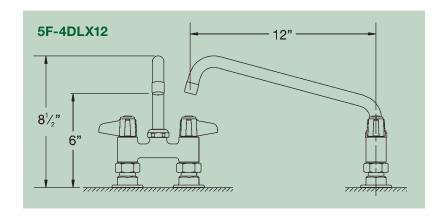
Faucets on this page with lever handles ("L") are also available with 4" wrist-action handles ("W"). Order ex.: 5F-4CWX03A

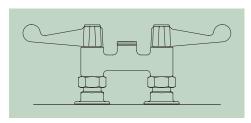
See page H13 for a complete list of these wrist-action handle models.

Certified to NSF/ANSI 61/9

Phone: (800) 891-4808 Fax: (800) 868-0084 Web: equip.tsbrass.com







5F-4DWX00 4" Deck Mounted Faucet with Wrist Action Handles

#### 5F-4DLX12

#### 4" Deck Mounted Faucet

- Deck mounted faucet with 12" swivel spout
- Inlet kit (014046-40) sold separately
- Also available with other length swivel spouts:

Model No.: 5F-4DLX18 18" swivel spout 5F-4DLX16 16" swivel spout 5F-4DLX14 14" swivel spout 5F-4DLX10 10" swivel spout 5F-4DLX08 8" swivel spout 5F-4DLX06 6" swivel spout 5F-4DLX00 Less swivel spout

#### 5F-4DLX05

### 4" Deck Mounted Faucet with 5½" Swivel Gooseneck

- Same as 5F-4DLX12 except with 51/2" swivel gooseneck
- 14" height; 81/2" clearance from aerator to deck

#### 5F-4DLS05

### 4" Deck Mounted Faucet with 5½" Swivel Gooseneck

 Same as 5F-4DLX05 except with ½" NPT supply nipple kit

### 5F-4DLX03

### 4" Deck Mounted Faucet with 3" Rigid Gooseneck

- Same as 5F-4DLX12 except with 3" rigid gooseneck
- 12" height; 8" clearance from aerator to deck

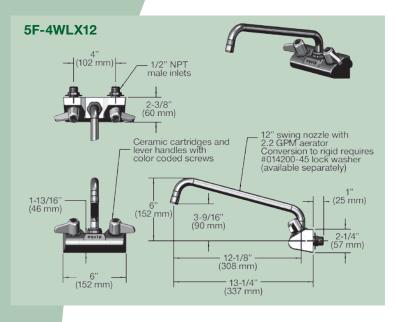
#### 5F-4DLX00 4" Deck Mounted Faucet

• Deck mounted faucet only, less nozzle



#### NOTE:

Faucets on this page with lever handles ("L") are also available with 4" wrist-action handles ("W"). Order ex.: 5F-4DWX03





### 5F-4WLX12 4" Wall Mounted Faucet (above)

- Faucet with 4" centers
- Quarter-turn ceramic cartridges
- 2.2 GPM aerator
- Lever handles with color coded screws
- 12" swivel nozzle
- · Also available with other length swivel nozzles:

Model No.: 5F-4WLX10 10" swivel nozzle 5F-4WLX08 8" swivel nozzle 5F-4WLX06 6" swivel nozzle 5F-4WLX00 Less swivel nozzle

#### 5F-4WLX05 4" Wall Mounted Faucet (right)

 Same as 5F-4WLX12 except with 5½" swivel gooseneck

#### 5F-4WLX03 4" Wall Mounted Faucet (photo)

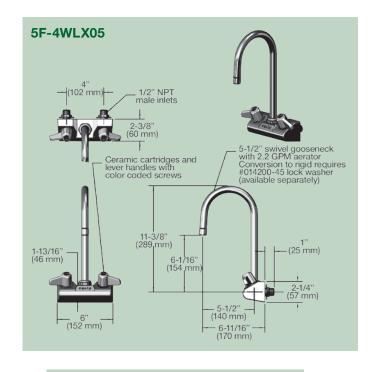
Same as 5F-4WLX12 except with 3" swivel gooseneck

#### 5F-4WLX03-VF05 4" Wall Mounted Faucet

- Same as 5F-4WLX03 except with 0.5 GPM vandal-resistant non-aerated outlet device with 3/4-27UN female threads
- · Includes vandal-resistant key

#### 5F-4WWX00 4" Wall Mounted Faucet

 Same as 5F-4WLX00 except with wrist action handles, not lever (see box, right)

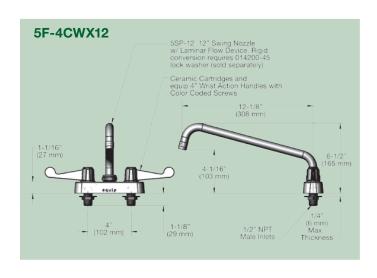


#### NOTE:

Faucets on this page with lever handles ("L") are also available with 4" wrist-action handles ("W"). Order ex.: 5F-4WWX03

Certified to NSF/ANSI 61/9









### **5F-4CWX12**4" Deck Mount Workboard Faucet

- Deck mounted faucet with 12" swing nozzle with laminar outlet and 4" wrist action handles
- · Ceramic cartridges
- Converts to rigid with (#014200-45) lock washer (sold separately)
- 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

#### **5F-4CWX05A**

### 4" Deck Mount Workboard Faucet with 5½" Swivel Gooseneck

 Same as 5F-4CLX12 except with 5½" swivel gooseneck and 2.2 GPM aerator

#### 5F-4CWX05

### 4" Deck Mount Workboard Faucet with 5½" Swivel Gooseneck

- Same as 5F-4CLX12 except with 5½" swivel gooseneck with laminar outlet
- 11-7/8" height; 6-5/8" clearance from aerator to deck

#### 5F-4CWX03A

### 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 from aerator to deck

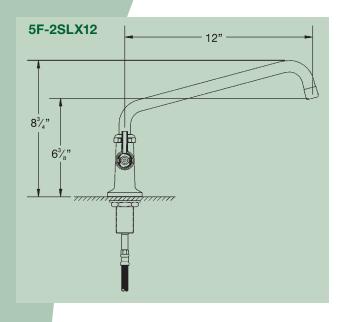
#### 5F-4CWX00 4" Deck Mounted Faucet

· Deck mounted faucet only, less nozzle





Certified to NSF/ANSI 61/9



#### 5F-2SLX12 Single Hole Deck Mounted Faucet

- Single hole faucet with 12" swivel nozzle
- 18" flexible inlets with 1/2" couplings
- Also available with other length swivel nozzles:

Model No.: 5F-2SLX18 18" swivel nozzle 5F-2SLX14 14" swivel nozzle 5F-2SLX10 10" swivel nozzle 5F-2SLX08 8" swivel nozzle 5F-2SLX06 6" swivel nozzle 5F-2SLX00 Less swivel nozzle

#### 5F-2SLX05 Single Hole Deck Mounted Faucet with 5½" Swivel Gooseneck

- Same as 5F-2SLX12 except with 5½" swivel gooseneck
- 141/8" height; 83/4" clearance from aerator to deck

#### 5F-2SLX03 Single Hole Deck Mounted Faucet with 3" Rigid Gooseneck

- Same as 5F-2SLX12 except with 3" rigid gooseneck
- 121/4" height; 81/2" clearance from aerator to deck

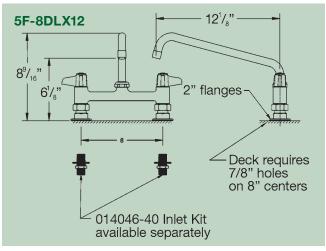
#### 5F-2SLX00 Single Hole Deck Mounted Faucet

• Single hole deck mounted faucet only, less nozzle



Certified to NSF/ANSI 61/9







- Deck mounted faucet with 12" swivel nozzle
- Inlet kit (014046-40) sold separately
- Also available with other length swivel nozzles:

Model No.: 5F-8DLX18 18" swivel nozzle 5F-8DLX14 14" swivel nozzle 5F-8DLX10 10" swivel nozzle 5F-8DLX08 8" swivel nozzle 5F-8DLX06 6" swivel nozzle 5F-8DLX00 Less swivel nozzle

#### 5F-8DLX05 8" Deck Mounted Faucet with 5½" Swivel Gooseneck

- Same as 5F-8DLX12 except with 51/2" swivel gooseneck
- 13-15/16" height; 8-7/16" clearance from aerator to deck

#### 5F-8DLX03 8" Deck Mounted Faucet with 3" Rigid Gooseneck

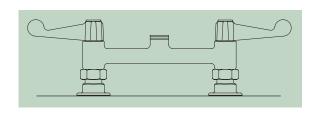
- Same as 5F-8DLX12 except with 3" rigid gooseneck
- 11-7/8" height; 8-1/8" clearance from aerator to deck

#### 5F-8DLX00 8" Deck Mounted Faucet

· Deck mounted faucet only, less nozzle

#### NOTE:

Faucets on this page with lever handles ("L") are also available with 4" wrist-action handles ("W"). Order ex.: 5F-4DWX03

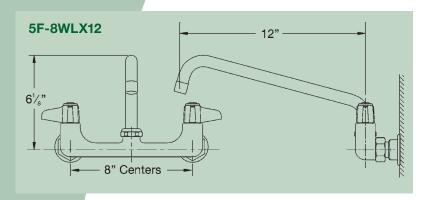


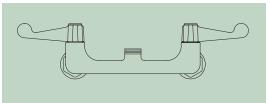
5F-8DWX00 8" Deck Mounted Faucet with Wrist Action Handles











5F-8WWX00 8" Wall Mounted Faucet with Wrist Action Handles

#### 5F-8WLX12 8" Wall Mounted Faucet

- Wall mounted faucet with 12" swivel nozzle
- Inlet kit (014061-40) sold separately
- Also available with other length swivel nozzles:

Model No.: 5F-8WLX18 18" swivel nozzle

5F-8WLX16 16" swivel nozzle

5F-8WLX14 14" swivel nozzle

**5F-8WLS12** 12" swivel nozzle

and inlet supply kit

5F-8WLX10 10" swivel nozzle

5F-8WLX08 8" swivel nozzle

5F-8WLX06 6" swivel nozzle

5F-8WLX00 Less swivel nozzle

#### 5F-8WLX05 8" Wall Mounted Faucet with 5½" Swivel Gooseneck

- Same as 5F-8WLX12 except with 51/2" swivel gooseneck
- 111/2" height

#### 5F-8WLX03 8" Wall Mounted Faucet with 3" Rigid Gooseneck

- Same as 5F-8WLX12 except with 3" rigid gooseneck
- 91/2" height

### 5F-8WLX00 Wall Mounted Faucet

· Wall mounted faucet only, less nozzle

### 5F-8WLX00-EE Wall Mounted Faucet (not shown)

· Wall mounted faucet only with 00EE wall flanges







#### NOTE:

Faucets on this page with lever handles ("L") are also available with 4" wrist-action handles ("W"). Order ex.: 5F-8WWX03

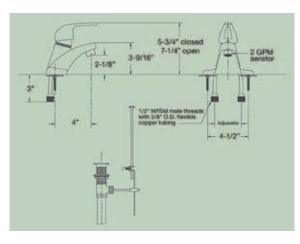


#### 5SL-1000 and 5SL-1001 4" Centerset Single Lever Faucets

- 4" centers
- 1/2" NPSM inlets with 3/8" O.D. flexible copper tubing
- Built-in check valves
- Single lever cartridge replacement -#015232-45
- Available with or without pop-up assembly
- · Also available with other length swivel nozzles

Model No.: 5SL-1000 without pop-up assembly 5SL-1001 with pop-up assembly











#### 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

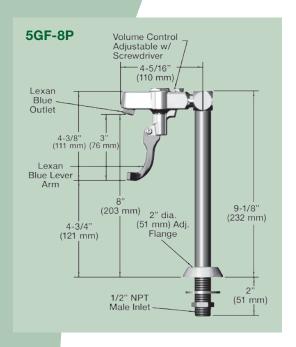
#### 5GF-W **Wall Mount Glass Filler**

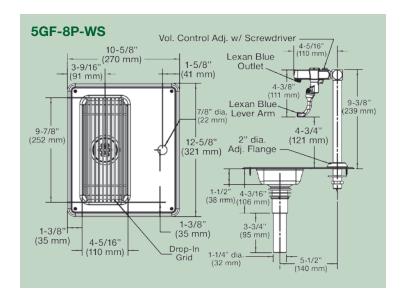
- · Push back arm design
- 3/8" NPT male inlet
- · Blue self-closing lexan arm
- Blue lexan outlet
- Volume control adjustable with screwdriver



Replacement parts kit includes:

- (2) Springs
- (2) Stem packings
- (1) Handle screw
- (2) Outlet washers
- (1) Handle nut
- (1) Outlet tip
- (2) Seat washers
- (1) Lever arm
- (2) 'O'-rings
- (1) Silicon grease tube
- (2) Bonnet washers





### 5GF-8P Pedestal Deck Mount Glass Filler

- · Push back design
- 1/2" NPT male shank
- 2" diameter adjustable flange
- Blue self-closing lexan arm
- Blue lexan outlet
- · Volume control adjustable with screwdriver

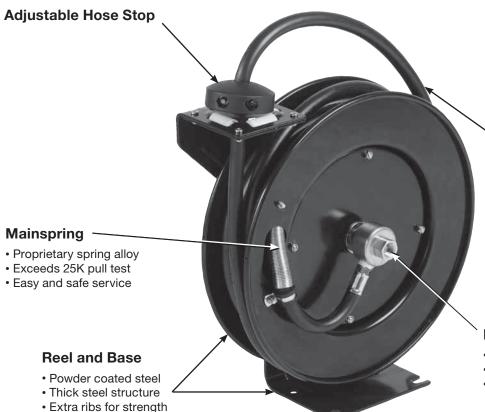
### 5GF-8P-WS Glass Filler Water Station

- Pedestal glass filler with retro design
- 18 gauge stainless steel drip pan
- ¼" tailpiece for copper tubing to fit ¼" O.D. tubing
- Also available to fit <sup>3</sup>/<sub>8</sub>" and ½" O.D. copper tubing
- 1/2" NPT male shank
- 2" diameter adjustable flange
- · Blue self-closing lexan arm
- · Blue lexan outlet
- Volume control adjustable with screwdriver
- · Stainless steel screws for mounting included
- Suggested cut-out: 10-1/2" x 5"





#### 5HR-232, 5HR-242 and 5HR-342 Open Hose Reels FEATURES:





- 4-position orientation
- Mounted independently
- · Easily adjustable
- Thick steel structure
- · Extra ribs for strength

#### Hose

- 3/8" I.D. EPDM tube
- Black SBR rubber
- 35' and 50' hose lengths
- 300 PSI max.
- 176°F maximum temperature
- Standard on -GH models: 3' connector hoses

#### **Heavy-Duty Brass Swivel**

- · Outboard of reel
- Easy 'O'-Ring service
- 'O'-Ring: Buna-N nitrile and two nylon wearing rings

# **5SV-H**Hose Reel Spray Valve and Handle

- Not intended for use with pre-rinse units (handle not shown)
- Add "-01" to models to include spray valve
- 3/4-14 inlet
- Also available: 5SV-B Bonnet assembly 5SV-H-RK Repair kit



#### 5WG-1000-01 Water Gun

• 5WG-1000 – with quick-disconnect, and ½" and 3/8" adapters



#### H 20

### **Open Hose Reels**

- ISO certified
- 3/8" and 1/2" NPT connections
- Optional spray valve models available

5HR-232, 5HR-242 and 5HR-342

· Replacement parts

#### 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
- 3/8-18 NPT male outlet on hose
- 3/8-18 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-H</b> Spray Valve
• 5HR-232-09	Includes 5WG-1000 Water Gun
• 5HR-232-GH	3/8" x 35' hose with Garden Hose Connector
• 5HR-232-01-GH	<sup>3</sup> / <sub>8</sub> " x 35' hose with <b>5SV-H</b> Spray Valve and Garden Hose Connector
5HR-242 Models:	
• 5HR-242	Hose Reel with 50' hose length
• 5HR-242-01	Includes <b>5SV-H</b> Spray Valve
• 5HR-242-01 • 5HR-242-09	Includes <b>5SV-H</b> Spray Valve Includes <b>5WG-1000</b> Water Gun
• 5HR-242-09	Includes 5WG-1000 Water Gun
• 5HR-242-09 • 5HR-242-GH	Includes <b>5WG-1000</b> Water Gun  3/8" x 50' hose with Garden Hose Connector
• 5HR-242-09 • 5HR-242-GH	Includes <b>5WG-1000</b> Water Gun  3/8" x 50' hose with Garden Hose Connector
• 5HR-242-09 • 5HR-242-GH • 5HR-242-01-GH	Includes <b>5WG-1000</b> Water Gun  3/8" x 50' hose with Garden Hose Connector
• 5HR-242-09 • 5HR-242-GH • 5HR-242-01-GH 5HR-342 Models:	Includes <b>5WG-1000</b> Water Gun  3/8" x 50' hose with Garden Hose Connector  3/8" x 50' hose with <b>5SV-H</b> Spray Valve and Garden Hose Connector

#### **Hose Reel Assembly Replacement Parts**

Description	35' Open Reel	50' Open Reel
Spring Assembly	5HR-SP-35	5HR-SP-50
Complete Swivel Asy.	5HR-2SA	5HR-2SA
Seal Kit	5HR-2SK	5HR-2SK
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



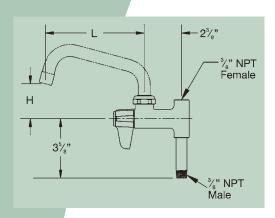
#### 5HR-242 Hose Reels

- 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

Certified to NSF/ANSI 61/9

#### **Spray Outlet Options**





#### **Add-On Faucets** with Swing Spouts in various lengths

- For pre-rinse units
- 3/8" NPT female outlet, 3/8" NPT male inlet
- Model No.: 5AFL18 18" Add-on faucet 5AFL14 14" Add-on faucet 5AFL12 12" Add-on faucet 5AFL10 10" Add-on faucet 5AFL08 8" Add-on faucet

5AFL06 6" Add-on faucet Faucet less nozzle 5AFL00

Model Number	Description	"H" Inches	"L" Inches
5AFL00	No spout	N/A	N/A
5AFL06	6" spout	2-1/8"	6"
5AFL08	8" spout	2-5/8"	8"
5AFL10	10" spout	3-1/8"	10"
5AFL12	12" spout	3-3/4"	12"
5AFL14	14" spout	4-1/4"	14"
5AFL18	18" spout	5-3/8"	18"

#### 5HR-HDL **Hose Reel Grip Handle Assembly**

- Black handle assembly with 1/2" NPSM inlet
- · Includes washer



#### 5HR-2SA **Swivel Assembly**

• 3/8" NPT swivel assembly with stainless steel inlet and brass swivel outlet



**NEW** 

**WATER** 

5AFL00

#### Certified to NSF/ANSI 61/9

#### **Ceramic Cartridge Assembly**

- Hot Cartridge: 013787-45
- · Cold Cartridge: 013788-45



#### 5-HDL-W 4" Wrist Action **Handle Kit**

· Includes one handle and two screws (hot and cold)





# 5F-VF05



- · Water-saving aerator at 0.5 GPM
- · Vandal-resistant, 3/4-27UN
- · Can be substituted on any Equip faucet
- · Includes vandal-resistant key



#### 5-HDL-L **Lever Handle Kit**

· Includes one handle and two colored screws (hot and cold)



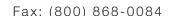
Phone: (800) 891-4808

#### 014046-40 **Deck Mount Inlet Kit**

• 1/2" NPT on both ends of nipples (2)

· Includes lock nut and lock washer





#### 014061-40 **Wall Mount Inlet Kit**

- 1/2" NPT supply nipples (2), lock nut and washer
- 1/2" NPT male and female short el



Web: equip.tsbrass.com



#### 5R-18 Riser

• Pre-rinse unit replacement part

#### 014068-45 **Coiled Spring**

• Pre-rinse unit replacement part

#### **5HSE44 Stainless Steel Hose**

### • 44" length

- Stainless outer cover
- Rubber inner hose
- · Other hose lengths

available: 5HSE68 **5HSE84** 5HSE96

68" hose 84" hose 96" hose

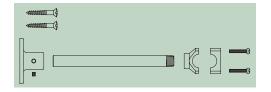
#### **5HR-2HSE-35 Black Hose Assembly**

- 35' black hose
- Max. pressure: 2250 PSI
- · Max. temp.: 176°F
- Stainless steel spring protector
- 3/8" NPT both ends



013716-40 6" Wall Bracket

(shown, right)



#### 5WG-1000-01 **Water Gun**

• 5WG-1000-01 - With quick-disconnect, and 1/2" and 3/8" adapters

#### 5SV **Spray Valve for All Pre-Rinse Units**

- 3/4-14 inlet
- EPAct 2005 Compliant
- 1.42 GPM at 60 PSI
- Also available:

5SV-B Spray valve bonnet assembly SV-RK Spray valve repair kit

(includes bumper ring, spray face and screw)





#### 5SV-WH

Spray Valve, Handle and Ring

· Same as 5SV spray valve except includes handle and ring



# 5SV-C

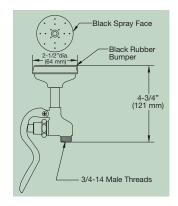
**Low Flow Spray Valve** for All Pre-Rinse Units

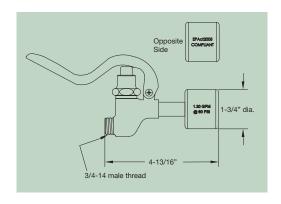
• 1.2 GPM at 60 PSI



#### 5SV-H **High Flow Spray Valve**

 Not intended for warewashing





### H 24

#### STANDARD - Goosenecks/Nozzles

#### **Swing Nozzles**

8" swing nozzle

6" swing nozzle

- 3/4-27 Laminar outlet
- Available:

5SP-08

5SP-06

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-03 3" Rigid Gooseneck

- 3/4-27 Laminar outlet
- 5" clearance
- 8-3/4" height



#### 5SP-05 **Swivel Gooseneck**

- 3/4-27 Laminar outlet
- 5-1/2" clearance
- 11" height

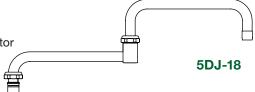


#### Certified to NSF/ANSI 61/9

#### **OPTIONS - Goosenecks/Nozzles**

#### 5DJ-18 **Double-Joint Nozzle**

- 18" double-joint swivel nozzle with aerator
- 360° swivel piece fits swivel outlets
- 7-1/4" total height



#### 5SP-03A 3" Swivel Gooseneck

- 3/4-27 2.2 GPM aerator outlet
- 2-13/16" clearance
- 9-1/8" height



#### 5SP-08A 8" Swing Nozzle

- 3/4-27 2.2 GPM aerator outlet
- 8-1/8" clearance
- 4-5/8" height



#### **5SP-05A** 51/2" Swivel Gooseneck

- 3/4-27 2.2 GPM aerator outlet
- 5-9/16" clearance
- 11-1/16" height



#### 5SP-06A 6" Swing Nozzle

- 3/4-27 2.2 GPM aerator outlet
- 6-1/8" clearance
- 4-1/16" height





#### 5SP-10A 10" Swing Nozzle

- 3/4-27 2.2 GPM aerator outlet
- 10-1/8" clearance
- 5-1/8" height

#### 5SP-12A 12" Swing Nozzle

- 3/4-27 2.2 GPM aerator outlet
- 12-1/8" clearance
- 5-11/16" height



Certified to NSF/ANSI 61/9



#### Warranty

All Equip 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 thereunderto factory repair and/or replacement of material found to be defective, after examination by Equip, 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 Equip 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:

Equip

2 Saddleback Cove, P.O. Box 1088
Travelers Rest, South Carolina, 29690,
clearly marked to the attention of the Warranty
Repair Department. Shipping charges, both ways,
shall be paid by the customer.

#### Certification

Equip proudly displays the certifications of the International Standardization Organization (ISO), Underwriters Laboratories (UL), and CSA International (Canadian Standards Association). These certifications demonstrate that Equip consistently delivers the quality products and services on which its customers depend.

The company's ISO-9001:2008 certification is based on an evaluation if its performance of the jobs and processes that potentially affect product quality. By proving itself under these strict regulations, Equip guarantees its products will be manufactured to meet industry standards.










# 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) centers deck mounted faucet
- 1/2" NPT female inlets
- Coiled hose and aluminum spray valve
- · Lightweight spray valve for easy, all-day use



#### PG-8WREV Lighweight Aluminum Spray Unit

- 8" (203 mm) centers wall mounted faucet
- 1/2" NPT female inlets
- Coiled hose and aluminum spray valve
- · Lightweight spray valve for easy, all-day use





Replacement Parts
Model # Description
EB-10K Repair Kit
001359-45 Replacement Hose
PG-35AV Aluminum Valve

#### PG-35AV-CH Coiled Hose & 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 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-CH04 same as PG-35AV-CH except with 3/4" x 14 female aerator inlet (PG-0004)

PG-35AV-CH05 same as PG-35AV-CH except with 3/4" x 14 female inlet (052A)



#### PG-8WSAV-08 Lighweight Aluminum Spray Unit

- 8" (203 mm) centers wall mounted faucet
- ½" NPT female inlets Vacuum breaker
- Coiled hose and aluminum spray valve
- Swivel adapter
   8" (203 mm) add-on faucet
- Lightweight spray valve for easy, all-day use



### PG-0133 Overhead Wash and Rinse Unit

- 8" (203 mm) centers wall mounted faucet
- EB-0107 blue spray valve with automatic shutoff
- 34" high
- ½" NPT female eccentric flanged inlets
- 72" flexible stainless steel hose (B-0072-H)

PG-0133-B same as PG-0133 except with wall bracket for support



# Our Pedigree is Your Quality Assurance



#### **RINSE UNITS**

#### Wash and Rinse Products

#### P3-8WESV-08M Sink Faucet with Hose Spray

- 8" (203 mm) centers wall mounted faucet
- EB-0107-035 blue spray valve
- Add-on faucet with 8" swing nozzle and B-0199-01 aerator
- Swivel body with 96" flexible stainless steel hose (EB-0096-H)
- Hanger hook assembly (B-0166)
- 1/2" NPT female inlets



Wall bracket for support

72" (1829 mm) PVC hose



#### **B-1171** Sink Faucet with Side Spray

- 4" (102 mm) centers deck mounted faucet
- Self-closing spray valve
- 8" (203 mm) swing nozzle
- 1" (25 mm) shanks Built-in diverter
- 4 ft. x 1.2 mm reinforced vinyl hose and hose guide
- B-1172 same as B-1171 except with 8" centers
- **B-1172-02** same as **B-1172** except with 7 ft. hose

### B-2743 Single Lever Faucet with Side Spray

- Single hole deck mounted 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
- 4" handle 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





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







### B-1174 Deck Mounted Faucet with Spray

- 8" (203 mm) centers deck mounted faucet
- Side spray with 4 ft. hose (under counter) with hose deck flange
- 13<sup>11</sup>/16" high swivel gooseneck assembly with B-0199-01 gerator outlet
- Lever handles
- ½" NPT male shanks with ¼" NPT tailpiece connections



### B-1176 Deck Mounted Faucet with 7' Spray

- 8" (203 mm) centers deck mounted faucet
- EB-0107 blue spray valve
- EB-0084-H flexible stainless steel hose (under counter) with hose deck flange
- 13<sup>5</sup>/8" high swivel gooseneck assembly with aerator outlet (B-0199-01)
- Wrist action handles
- ½" NPT male shanks with ¼" NPT tailpiece connections



### B-1146-01 Wall Mounted Faucet

- 4" (102 mm) centers wall mounted faucet
- 5" (127 mm) high swivel gooseneck assembly with stream regulator outlet
- Lever handles
- ½" NPT male shanks with ½" NPT tailpiece connections



### B-1146-04 Wall Mounted Faucet

- 4" (102 mm) centers wall mounted faucet
- 10<sup>5</sup>/<sub>8</sub>" high swivel gooseneck assembly with aerator outlet (B-0199-01)
- Lever handles
- ½" NPT male shanks with ½" NPT tailpiece connections



### HANDS-FREE FAUCETS Equip Electronic Faucets



### **5EF-1D-DG** Deck Mounted Electronic Faucet

- Single hole sensor faucet with aerator outlet
- Deck mounted with rigid gooseneck
- Hands-free operation



### **5EF-1D-DS** Deck Mounted Electronic Faucet

- Single hole sensor faucet with aerator outlet
- Deck mounted, cast spout
- Hands-free operation



gooseneck
• 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 Mounted

- Inlets on 2½" (64 mm) centers
- 1" (25 mm) from wall to center of inlets



#### **B-0527** Swivel Gooseneck Spout

- Wall mounted swivel gooseneck
- 3/8" NPT female inlet
- B-0199-01 aerator



#### **B-0521** Rigid Gooseneck Spout

- Deck mounted 5½" (140 mm) rigid gooseneck
- B-0199-02 aerator
- 101/4" (260 mm) high from deck to top of gooseneck



#### **HOSE REELS**

#### **Epoxy Coated Steel Hose Reels**

- Constructed of heavy-duty, corrosion-resistant epoxy coated stainless steel
- · Long life and easy maintenance

#### These hose reels include:

- EB-0107 blue spray valve
- 3/8" NPT female inlet
- Adjustable hose bumper
- Multi-fit bracket for wall, ceiling or under counter mounting
- Automatic retraction; pull hose to desired length, slight tug actuates retraction

#### 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 epoxy coated hose reel
- 50 ft. (15.25 m) hose of <sup>3</sup>/<sub>8</sub>" I.D.
- EB-0107 blue spray valve

### B-7232-01 Hose Reel Open Model, 35 ft. Hose

- Open epoxy coated hose reel
- 35 ft. (10.7 m) hose of 3/8" I.D.
- EB-0107 blue spray valve

### B-7212-01 Hose Reel Open Model, 15 ft. Hose

- Open epoxy coated hose reel
- 15 ft. (4.5 m) hose of 3/8" I.D.
- EB-0107 blue spray valve





#### **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 blue spray valve
- 3/8" NPT female inlet
- Adjustable hose bumper
- Multi-fit bracket for wall, ceiling or under counter mounting
- Automatic retraction; pull hose to desired length, slight tug actuates retraction

#### 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) hose of 3/8" I.D.
- EB-0107 blue spray valve

### B-7132-01 Hose Reel Open Model, 35 ft. Hose

- Open stainless steel hose reel
- 35 ft. (10.7 m) hose of 3/8" I.D.
- EB-0107 blue spray valve

#### B-7112-01 Hose Reel Open Model, 15 ft. Hose

- Open stainless steel hose reel
- 15 ft. (4.5 m) hose of 3/8" I.D.
- EB-0107 blue spray valve

# **HOSE REELS**

#### **Equip Hose Reels**

- Constructed of heavy-duty, corrosion-resistant black epoxy coated steel
- · Long life and easy maintenance

#### These Equip hose reels include:

- 5SV blue 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) hose of 3/8" I.D.
- 5SV blue 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 blue 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) hose of 3/8" I.D.
- 5SV blue spray valve (not shown)
- 3 ft. connector hose with garden hose adapter for optional connection to garden hose threaded hose



#### **HOSE REEL ACCESSORIES**

#### Spray Valves and Water Guns



#### MV-2522-04 Front Trigger Water Gun

- Heavy-duty stainless steel construction, blue
- 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



### 5WG-1000-01 Equip Water Gun

· Water gun with quick-disconnect and 1/2" and 3/8" adapters

#### EB-2322 Extended Spray Wand

- EB-0107 spray valve with self-closing squeeze valve and extension for 213/4" total length
- 3/8" NPT female inlet
- Blue handle arip with hold-down ring
- Removable spray head



#### EB-0107 Spray Valve

- Blue spray valve
- 4.0+ GPM at 60 PSI flow
- Connects directly to hose
- Hold-down ring for constant water flow
- Shuts off when handle is released



#### EB-0107-035 35° Angle Spray Valve

- Blue spray valve with 35° spray head
- 4.0+ GPM at 60 PSI flow
- Connects directly to hose
- Hold-down ring for constant water flow
- Shuts off when handle is released



#### **5SV** Equip Spray Valve

- For use on all 5HR-series hose reels
- $\frac{3}{4}$ -14 inlet
- 1.42 GPM at 60 PSI flow
- 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 1/2" NPT x 3/8" NPT female adapter (not shown)





### **HOSE REELS** Hose Reel Brackets

# RELIABILITY BUILT IN



#### G016636-45 Swing Bracket

- Epoxy coated steel
- Fits all 35 ft. (10.7 m) epoxy coated hose reels
- Mounting hardware not included



#### G016637-45 Swing Bracket

- Epoxy coated steel
- Fits all 50 ft. (15.25 m) epoxy coated hose reels
- Mounting hardware not included



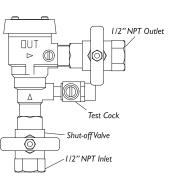
#### OTHER MODELS

#### **And Accessories**



#### B-0665-BSTR Service Sink Faucet with Top Wall Brace

- Rough chrome plated finish
- Built in screwdriver stops
- 8" (203 mm) centers adjustable from 7<sup>3</sup>/<sub>4</sub>" (197 mm) to 8<sup>1</sup>/<sub>4</sub>" (210 mm)
- Vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- 2³/8" (60 mm) clearance form wall to center line of faucet
- 87/8" (225 mm) from wall to center of outlet
- 1/2" NPT female inlets
- Includes spring checks



#### 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



#### MV-0771-12N Mixing Valve

- Cast bronze valve, 1/2"
- Renewable disc
- Nickel alloy seats
- Two integral check valves
- 3/4" cast bronze unions
- 3/4" mixing valve



### MV-0771-12NW Washdown Station Assembly

- $\bullet$  MV-0771  $^{1}\!/\!_{2}"$  mixing valve
- Rear trigger water gun
- Brass thermometer tee
- Stainless steel thermometer, temperature range from 50°F to 500°F
- 50 ft. (15.25 m) high pressure hose with brass couplings and swivel fittings
- Stainless steel hose rack



Our toll-free number, 1-800-476-4103, connects you to T&S Customer Service representatives. Their extensive product knowledge and hands-on training enable them to answer your questions, suggest smart solutions to your specific application needs and help you locate the T&S dealer nearest you.

You can also access information about these and other T&S products on our website, www.tsbrass.com

#### **EYEWASH STATIONS**

#### Safety Equipment Models and Accessories



#### EW-7360B Wall Mounted Eye/ Face Wash

- Twin Feather-Flo® ABS green plastic eyewash heads with builtin 2.5 gpm flow control
- Integral flip top dust covers automatically release with flow
- Round stainless steel receptor with chrome plated brass stay open ball valve, ½" IPS inlet and outlet, 11/4" IPS waste



#### EW-7611 Countertop Mounted Pull Down Eye/Face Wash Unit

- Polished chrome plated brass eye/face wash swings forward to activate
- Twin Feather-Flo® ABS green plastic heads with built in 2.5 gpm flow control
- Integral flip top dust covers automatically release with flow
- Can be mounted on either right or left side of sink
- Supply: ½" O.D. slip joint



#### EW-7651 Wall or Splashback Mounted Eye/Face Wash Unit

- Polished chrome plated brass single-action pull down to activate
- Twin Feather-Flo® ABS green plastic heads with built in 2.5 gpm flow control
- Supply: ½" O.D. slip joint



#### 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 and eyewash preservative to permit storage of water for up to six months. 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
- Twin polished chrome plated brass anti-surge Soft-Flo heads, 1/4" IPS, with 1.2 gpm flow control
- Controls water flow rate when flow pressure is between 30 and 90 psi
- Green polyetheylene dust covers automatically release with flow of water
- Supply: 1/2" O.D. slip joint

#### EW-7612LH Swing Away Eyewash Unit

• Same as EW-7612 except mounted on left side of sink

#### EW-8904 Counter Mounted Laboratory Eye/Face Wash Unit

- Countertop mounted eye/face and body spray
- Twin Feather-Flo® ABS plastic green heads positioned at 45° angle
- Controls water flow rate when flow pressure is between 30 and 90 psi
- Stay open squeeze lever valve with built in 6.25 gpm flow control assembly, 1/2" IPS inlet and 1/4" outlet
- Integral flip top dust covers automatically release with flow of water
- 8 ft. green pressure rated hose with 1/2" IPS inlet and outlet, chrome plated fitting and Noryl plastic deck flange that incorporates guiding key slot for proper positioning of spray



#### All Eyewash Stations include:

- Universal emergency eyewash sign
- "Test This Week" tag to record weekly testing record of equipment



#### G-10 Master Index

A Pre-Rinse Units



**B** Pot, Kettle and Glass Fillers



C Faucets and Components



D Institutional, Medical and Lab Products

E Washdown and Clean-up Solutions



F Safe-T-Link Appliance Connectors



**G** Emergency Safety Equipment by Haws



**H** Equip Plumbing Products



P Pet-Care Plumbing Products













							G-10
Model No.	. Section & Page	Model No	. Section & Page	Model No.	Section & Page	Model No.	Section & Page
004R	<b>A</b> 16, 20, 22, 24	001047-45	<b>A</b> 43; <b>C</b> 39	002710-40	<b>A</b> 42; <b>C</b> 38	009391-45	<b>A</b> 41; <b>C</b> 40
000059-40	<b>D</b> 67	001062-45	<b>B</b> 15	002711-40	<b>A</b> 42, 44; <b>C</b> 38	009423-40QT	<b>A</b> 43
000176-40	<b>B</b> 11	001074-45	<b>C</b> 37, 40; <b>D</b> 66	002712-40	<b>A</b> 42, 44; <b>C</b> 38	009424-40QT	<b>A</b> 43
000357-40	<b>C</b> 12; <b>D</b> 76	001075-45	A43; B15; C37	002713-40	<b>A</b> 42; <b>C</b> 38	009635-45	<b>B</b> 15; <b>C</b> 37
000358-40	<b>C</b> 12; <b>D</b> 76	001088-45	<b>A</b> 43; <b>C</b> 39	002714-40	<b>A</b> 42; <b>C</b> 38	009637-45	<b>c</b> 40
000361-40	<b>C</b> 12; <b>D</b> 76	001092-45	A43; C37, 39; D66	002721-45	<b>A</b> 43; <b>B</b> 15; <b>C</b> 39	009649-45	<b>c</b> 37
000363-40	<b>C</b> 12; <b>D</b> 76	001098-45	A43; C37, 39; D66	002726-45	<b>A</b> 43; <b>B</b> 15; <b>C</b> 37, 39,	009650-45	<b>B</b> 15
000369-40	A16, 20; C12; D76	001100-45	A44; B15; D67; E18		<b>C</b> 40	009744-45	<b>A</b> 43; <b>C</b> 39
000372-40	<b>A</b> 12-14, 16, 22;	001120-45	<b>A</b> 37, 39	002824-40	<b>A</b> 16, 20, 21	009749-25	<b>A</b> 43; <b>C</b> 39
	<b>C</b> 12; <b>D</b> 76	001121-45	<b>A</b> 44; <b>E</b> 18	002829-40	<b>A</b> 16, 20, 21; <b>E</b> 9	009750-25	<b>A</b> 43; <b>C</b> 37, 39
000373-40	<b>A</b> 16, 20	001136-45	A43; C39; D66	002832-40	<b>A</b> 16, 20, 21	009752-45	<b>A</b> 43; <b>B</b> 15; <b>C</b> 37, 39
000376-40	A16; C12; D76	001144-45	<b>C</b> 7; <b>D</b> 71	002840-40-40	OCV A22; B12	009753-40QT	<b>A</b> 43
000544-25	<b>C</b> 11; <b>D</b> 75	001145-45	<b>B</b> 15	002848-40	<b>B</b> 9, 11; <b>C</b> 6, <b>D</b> 70	009754-40QT	<b>A</b> 43
000545-25	<b>C</b> 11; <b>D</b> 75	001191-45	<b>D</b> 67	002850-40	<b>B</b> 11	009840-45	<b>B</b> 15
000546-25	<b>C</b> 11; <b>D</b> 75	001194-45	<b>D</b> 67, 69	002851-40	<b>B</b> 6, 11	009841-45	<b>C</b> 37, 40; <b>D</b> 66
000549-25	<b>C</b> 11; <b>D</b> 75	001248-40	<b>B</b> 11	002852-40	<b>B</b> 11	009937-40	<b>B</b> 6
000550-25	<b>C</b> 11; <b>D</b> 75	001326-40	<b>C</b> 7; <b>D</b> 71	002853-40	<b>A</b> 22; <b>B</b> 11	OOAA	A44; C13; D77
000552-25	<b>C</b> 11; <b>D</b> 75	001327-40	<b>C</b> 7; <b>D</b> 71	002856-40	<b>A</b> 39	00BB	A44; C13; D77
000554-25	<b>C</b> 11; <b>D</b> 75	001328-40	<b>C</b> 7; <b>D</b> 71	002862-40	<b>A</b> 31	00CC	A44; C13; D77
000590-25	<b>B</b> 11	001355-40	<b>C</b> 13; <b>D</b> 76	002864-40	<b>B</b> 6	00EE	A44; C13; D77
000592-25	<b>B</b> 11	001357-40	<b>C</b> 13; <b>D</b> 76	002866-40	<b>B</b> 6	00GG	A44; C13; D77
000685-20	<b>A</b> 43; <b>C</b> 39	001359-40	C11; D75; P2	002872-40	<b>B</b> 9, 10	0011	A44; C13; D77
000718-25	<b>A</b> 43; <b>C</b> 37, 39	001466-20	<b>A</b> 43; <b>C</b> 39	002873-40	<b>A</b> 32	OOKK	A44; C13; D77
000761-20	<b>C</b> 37	001479-45	A43; C37, 39; D66	002882-40	<b>A</b> 20	OOLL	A22; C13; D76
000764-20	<b>B</b> 15	001596-25	<b>C</b> 12; <b>D</b> 76	002884-40	<b>A</b> 20	00QQ	A44; C13; D77
000788-20	A43; C37, 39; D66	001624-25	<b>C</b> 11; <b>D</b> 75	002900-40	<b>B</b> 11	OOWW	A44; C13; D77
000789-20	A43; C37, 39; D66	001636-45	<b>A</b> 43; <b>C</b> 7, 37, 39;	002987-40	<b>B</b> 6	OOXX	A44; C13; D77
000794-25	<b>A</b> 43; <b>C</b> 39		<b>D</b> 71	003090-45	<b>B</b> 15	00YY	A44; C13; D77
000800-25	<b>A</b> 43; <b>C</b> 37, 39	001637-45	A43; C7, 37, 39;	003105-40	<b>C</b> 11; <b>D</b> 75	010027-40	<b>C</b> 7; <b>D</b> 71
000801-25	<b>A</b> 43; <b>C</b> 37, 39		<b>D</b> 71	003164-45	A43; C37, 39; D66	010123-45	<b>B</b> 5
000811-25	A43; C37, 39; D66	001638-45	<b>A</b> 41, 43; <b>C</b> 7, 39;	003198-45	<b>A</b> 39; <b>B</b> 15	010126-45	<b>B</b> 5
000811-250	WS <b>D</b> 66		<b>D</b> 66, 71	003199-45	<b>A</b> 39; <b>B</b> 15	010150-45	<b>A</b> 41; <b>C</b> 40
000812-25	A43; C37, 39; D66	001660-45	<b>A</b> 41, 43; <b>C</b> 7, 37, 39,	003690-45	<b>D</b> 67	010196-25	<b>C</b> 40
000812-250	WS <b>D</b> 66		40; <b>D</b> 66, 67, 71	005028-40	<b>D</b> 16	010197-25	<b>c</b> 37
000821-40	<b>A</b> 16	001661-45	<b>A</b> 41, 43; <b>C</b> 7, 37, 39,	005959-40	<b>A</b> 42; <b>C</b> 38	010384-45	<b>c</b> 34
000888-45	<b>A</b> 12, 16, 22		40; <b>D</b> 66, 67, 71	005960-40	<b>A</b> 42; <b>C</b> 38	010385-45	<b>c</b> 34
000894-45	<b>B</b> 15	001720-40	<b>C</b> 13; <b>D</b> 76	005969-40	<b>A</b> 32	010386-45	<b>c</b> 34
000895-45	<b>A</b> 41, 44; <b>E</b> 18	001769-40	<b>C</b> 12; <b>D</b> 76	006009-40QT	<b>A</b> 43	010387-45	<b>c</b> 34
000907-45	<b>A</b> 16, 39	001783-40	<b>C</b> 7; <b>D</b> 71	006010-40QT	<b>A</b> 43	010388-45	<b>c</b> 34
000913-45	<b>A</b> 44; <b>E</b> 18	001784-40	<b>C</b> 7; <b>D</b> 71	006482-40	<b>A</b> 42; <b>B</b> 13; <b>C</b> 38	010391-45	<b>c</b> 34
000922-45	<b>A</b> 41, <b>C</b> 37, 39;	001806-25	<b>C</b> 11; <b>D</b> 75	006678-45	<b>B</b> 7	010393-45	<b>c</b> 34
	<b>D</b> 66, 67	001907-25	<b>A</b> 43; <b>C</b> 37, 39; <b>D</b> 66	006895-20	<b>C</b> 11, 13; <b>D</b> 75, 76	010393-45XS	<b>c</b> 34
000925-45	<b>D</b> 67	001908-25	<b>A</b> 43; <b>C</b> 37, 39; <b>D</b> 66	007861-45	<b>A</b> 37, 44; <b>E</b> 18	010394-45	<b>c</b> 34
000933-45	<b>A</b> 43; <b>B</b> 15; <b>C</b> 37,	002337-45	<b>C</b> 11; <b>D</b> 75	008963-40	<b>A</b> 17	010394-45XS	<b>c</b> 34
	39; <b>D</b> 66	002521-45	<b>C</b> 7, 40; <b>D</b> 67, 71	009002-25	<b>D</b> 66	010476-45	<b>A</b> 39, 44; <b>E</b> 18
000974-45	<b>A</b> 44; <b>B</b> 15; <b>D</b> 67; <b>E</b> 18	002534-25	<b>C</b> 12; <b>D</b> 76	009194-25	<b>C</b> 37	011276-40	<b>A</b> 42; <b>C</b> 38
000976-45	<b>A</b> 43; <b>B</b> 15; <b>C</b> 37, 39	002535-25	<b>C</b> 12; <b>D</b> 76	009195-25	<b>C</b> 37	011277-40	<b>A</b> 42; <b>C</b> 38
000986-45	<b>A</b> 43; <b>C</b> 39	002584-25	<b>C</b> 11; <b>D</b> 75	009227-40	<b>A</b> 44	011278-25	<b>A</b> 42; <b>C</b> 38
001022-45	<b>A</b> 43; <b>C</b> 37, 39;	002601-45	<b>A</b> 43; <b>C</b> 37, 39; <b>D</b> 66	009228-40	<b>A</b> 44	011279-25	<b>A</b> 42; <b>C</b> 38
	<b>D</b> 66	002659-45	<b>A</b> 39, 41	009306-20	<b>A</b> 44; <b>D</b> 67; <b>E</b> 18	011311-40	<b>A</b> 42; <b>C</b> 38
001040-45	<b>A</b> 41, 44; <b>D</b> 59; <b>E</b> 18	002662-40	<b>A</b> 39	009331-41	<b>C</b> 7; <b>D</b> 71	011312-40	<b>A</b> 42; <b>C</b> 38
001042-45	<b>A</b> 43; <b>C</b> 39	002709-40	<b>A</b> 42; <b>C</b> 38	009332-41	<b>C</b> 7; <b>D</b> 71	011355-45	<b>c</b> 34



							G-10
Model No.	Section & Page	Model No.	Section & Page	Model	No. Section & Page	Model No. Sect	ion & Page
011356-45	<b>c</b> 34	014940-45	<b>E</b> 21	062X	<b>A</b> 16; <b>C</b> 4, 16, 20, 28;	133X <b>C</b> 4, 18, 20	), 28; <b>D</b> 17, 68
011456-45	<b>E</b> 18	014941-45	<b>E</b> 21		<b>D</b> 68	133XM	<b>C</b> 4; <b>D</b> 68
011475-45	<b>E</b> 18	014942-45	<b>E</b> 21	062XM	<b>C</b> 4; <b>D</b> 68	133XP	<b>C</b> 4; <b>D</b> 68
011616-25	<b>A</b> 42; <b>C</b> 38	014943-45	<b>E</b> 21	062XP	<b>C</b> 4; <b>D</b> 68	134X	<b>C</b> 4; <b>D</b> 68
011617-25	<b>A</b> 42; <b>C</b> 38	014944-45	<b>E</b> 21	063X	<b>C</b> 4; <b>D</b> 68	134XP	<b>C</b> 4; <b>D</b> 68
011618-25	<b>A</b> 42; <b>C</b> 38	014945-45	<b>E</b> 21	063XM	<b>C</b> 4; <b>D</b> 68	135X	<b>C</b> 4; <b>D</b> 17, 68
011619-25	<b>A</b> 42; <b>C</b> 38	014946-45	<b>E</b> 21	064X	<b>C</b> 4; <b>D</b> 68	135XM	<b>C</b> 4; <b>D</b> 68
012394-25	<b>A</b> 42; <b>C</b> 38	014948-45	<b>E</b> 21	064XM	<b>C</b> 4; <b>D</b> 68	136X	<b>C</b> 4; <b>D</b> 68
012395-25	<b>A</b> 42; <b>C</b> 38	014949-45	<b>E</b> 21	065X	A16; C4, 16, 20; D68	148X	<b>C</b> 13; <b>D</b> 76
012442-40	<b>A</b> 42; <b>C</b> 38	014950-45	<b>E</b> 21	065XM	<b>C</b> 4; <b>D</b> 68	150A	<b>C</b> 11, <b>D</b> 75
012443-40	<b>A</b> 42; <b>C</b> 38	015294-40	<b>C</b> 37	066X	<b>C</b> 4, 18, 20; <b>D</b> 68	150X	<b>C</b> 13; <b>D</b> 76
012444-40	<b>A</b> 42; <b>C</b> 38	015295-40	<b>C</b> 37	067X	<b>C</b> 4, 18, 20; <b>D</b> 68	151X	<b>C</b> 4; <b>D</b> 68
012445-40	<b>A</b> 42; <b>C</b> 38	015550-45	<b>B</b> 5, 15	067-HR	<b>B</b> 9	152X	<b>C</b> 4; <b>D</b> 68
012446-40	<b>A</b> 42; <b>C</b> 38	015588-40	<b>B</b> 5, 15	068X	<b>C</b> 4, 18, 20, 28; <b>D</b> 68	153X	<b>C</b> 4; <b>D</b> 68
012447-40	<b>A</b> 42; <b>C</b> 38	015589-40	<b>B</b> 5, 15	069X	<b>C</b> 4; <b>D</b> 68	160X	<b>C</b> 5; <b>D</b> 69
012449-40	<b>A</b> 42; <b>C</b> 38	016782-40	<b>B</b> 5	098A	A33; B6, 16; C11	161X	<b>C</b> 5; <b>D</b> 69
012596-45	<b>A</b> 41; <b>C</b> 40	016783-40	<b>B</b> 5	0CS6	<b>C</b> 5, 18, 20; <b>D</b> 67, 69	162X	<b>C</b> 5; <b>D</b> 69
012665-45	<b>B</b> 15; <b>D</b> 67	017182-45	<b>A</b> 41; <b>C</b> 40	0CS6-LT	<b>C</b> 5, 18, 20; <b>D</b> 67, 69	163X	<b>C</b> 5; <b>D</b> 69
012915-45	<b>A</b> 41, 44; <b>D</b> 67; <b>E</b> 18	017439-45	<b>D</b> 3, 46	0CS8	<b>C</b> 5, 18; <b>D</b> 67, 69	165X	<b>C</b> 4; <b>D</b> 16, 68
013E-36H	<b>A</b> 35	017441-45	<b>D</b> 3, 46	0CS8-LT	<b>C</b> 5, 18; <b>D</b> 67, 69	172A <b>A</b> 33	; <b>B</b> 6, 16; <b>C</b> 11
013E-48H	<b>A</b> 35	017442-45	<b>D</b> 3, 46	108CSF-F	RK <b>A</b> 44	183F	<b>B</b> 5
013E-60H	<b>A</b> 35	017443-45	<b>D</b> 3, 46	108HSF-F	RK <b>E</b> 19	238A	<b>A</b> 42; <b>C</b> 38
013E-72H	<b>A</b> 35	017444-45	<b>D</b> 3, 46	108S-RK	<b>E</b> 19	238AB	<b>A</b> 42; <b>C</b> 38
013430-45	<b>A</b> 43, <b>C</b> 39	017670-45	<b>c</b> 35	108SF-R	<b>A</b> 44, <b>E</b> 19	238AC	<b>A</b> 42; <b>C</b> 38
013433-45	<b>D</b> 10	017907-45	<b>D</b> 17	108T-RK	<b>A</b> 44, <b>E</b> 19	238AH	<b>A</b> 42; <b>C</b> 38
013434-45	<b>D</b> 10	018160-40	<b>D</b> 9	108V-RK	<b>A</b> 44, <b>E</b> 19	5AFLOO	<b>H</b> 22
013716-40	<b>H</b> 23	018163-20	<b>A</b> 43; <b>C</b> 39	114X	A22; B15; C6; D70	5AFL06	<b>H</b> 22
013787-45	<b>H</b> 22	018200-40	<b>A</b> 4, 41	115X	<b>B</b> 15; <b>C</b> 6; <b>D</b> 70	5AFL08	<b>H</b> 22
013788-45	<b>H</b> 22	018227-45	<b>D</b> 9	116X	<b>B</b> 15; <b>C</b> 6; <b>D</b> 70	5AFL10	<b>H</b> 22
014046-40	<b>H</b> 22	018230-45	<b>D</b> 9	117X	<b>C</b> 6; <b>D</b> 70	5AFL12	<b>H</b> 22
014061-40	<b>H</b> 22	018232-45	<b>D</b> 9	119X	<b>C</b> 4; <b>D</b> 16, 68	5AFL14	<b>H</b> 22
014068-45	<b>H</b> 23	018233-45	<b>D</b> 9	119XP	<b>D</b> 16	5AFL18	<b>H</b> 22
014086-45	<b>E</b> 18, 32	018282-45	<b>D</b> 10	120X	<b>C</b> 4; <b>D</b> 68	5DJ-18	<b>H</b> 24
014087-45	<b>E</b> 18, 32	018292-45	<b>A</b> 41	120XM	<b>C</b> 4; <b>D</b> 68	5EF-0001	<b>H</b> 3
014131-45	<b>E</b> 18, 32	018507-40	<b>D</b> 10	120XP	<b>C</b> 4; <b>D</b> 68	5EF-0002	<b>H</b> 3
014132-45	<b>E</b> 18, 32	035A	<b>B</b> 11	122X	<b>C</b> 4; <b>D</b> 16, 68	5EF-0003	<b>H</b> 3
014145-45	<b>A</b> 42; <b>C</b> 38	045A	<b>E</b> 22	122XP	<b>C</b> 4; <b>D</b> 68	5EF-0004	<b>H</b> 3
014152-40	<b>A</b> 42; <b>C</b> 38	052A	A33; B6, 16; C11	123X	<b>C</b> 4; <b>D</b> 68	5EF-0005	<b>H</b> 3
014187-45	<b>E</b> 18, 32	053A	A33; B6, 16; C11	124X	<b>C</b> 4; <b>D</b> 68	5EF-0006	<b>H</b> 3
014193-40	A42; C7, 38; D71	054A	A33; B6, 16; C11	125X	<b>C</b> 4; <b>D</b> 68	5EF-1D-DG	<b>H</b> 3; <b>P</b> 3
014194-40	A42; C7, 38; D71	055A	<b>A</b> 33; <b>B</b> 6, 16	126X	<b>C</b> 4; <b>D</b> 68	5EF-1D-DG-4DP	<b>H</b> 3
014195-40	A42; C7, 38; D71	056A	<b>A</b> 33; <b>B</b> 6, 16	127X	<b>C</b> 4; <b>D</b> 68	5EF-1D-DGSM	<b>H</b> 3
014207-40	<b>A</b> 12, 24	057A	A33; B6, 16; C11	128X	<b>C</b> 4; <b>D</b> 68	5EF-1D-DG-TMV	<b>H</b> 3
014208-40	<b>A</b> 13, 25	058A	A33; B6, 16; C11	129X	<b>C</b> 4; <b>D</b> 68	5EF-1D-DG-VF05	<b>H</b> 3
014209-40	<b>A</b> 14, 26	059A	<b>A</b> 33; <b>B</b> 6, 16	129XP	<b>C</b> 4; <b>D</b> 68	5EF-1D-DS	<b>H</b> 3; <b>P</b> 3
014932-45	<b>E</b> 21	059X	<b>C</b> 4, 16, 20, 28; <b>D</b> 68	130X	<b>C</b> 4; <b>D</b> 68	5EF-1D-DS-4DP	<b>H</b> 3
014933-45	<b>E</b> 21	059XM	<b>C</b> 4; <b>D</b> 68	131X	<b>C</b> 4; <b>D</b> 68	5EF-1D-DS-TMV	<b>H</b> 3
014934-45	<b>E</b> 21	060X	<b>C</b> 4, 16, 20, 28; <b>D</b> 68	131XM	<b>C</b> 4; <b>D</b> 68	5EF-1D-DS-VF05	<b>H</b> 3
014935-45	<b>E</b> 21	060XM	<b>C</b> 4; <b>D</b> 68	131X-ADA	<b>C</b> 4; <b>D</b> 68	5EF-1D-WG	<b>H</b> 3; <b>P</b> 3
014936-45	<b>E</b> 21	060XP	<b>C</b> 4; <b>D</b> 68	132X	<b>C</b> 4; <b>D</b> 68	5EF-1D-WG-TMV	<b>H</b> 3
014937-45	<b>E</b> 21	061X	<b>C</b> 4, 16, 20, 28; <b>D</b> 68	132XM	<b>C</b> 4; <b>D</b> 68	5EF-1D-WG-VF05	<b>H</b> 3
014938-45	<b>E</b> 21	061XM	<b>C</b> 4; <b>D</b> 68	132XP	<b>C</b> 4; <b>D</b> 68	5EF-1D-WGMM-HG	<b>H</b> 3
		1		1		T.	



							G-10
Model No. Section	n & Page	Model No. Sect	ion & Page	Model No. Sec	tion & Page	Model No. Sec	tion & Page
5EF-2D-DS	<b>H</b> 3	5F-4DWX05	<b>H</b> 11	5F-8WWX00	<b>H</b> 16	5PR-1S14	<b>H</b> 8
5EF-2D-DS-TMV	<b>H</b> 3	5F-4DWX06	<b>H</b> 11	5F-8WWX00-EE	<b>H</b> 16	5PR-1S18	<b>H</b> 8
5EF-2D-DS-VF05	<b>H</b> 3	5F-4DWX08	<b>H</b> 11	5F-8WWX03	<b>H</b> 16	5PR-2S00	<b>H</b> 5
5EF-FILTER	<b>H</b> 3	5F-4DWX10	<b>H</b> 11	5F-8WWX05	<b>H</b> 16	5PR-2S00-12WB	<b>H</b> 5
5EF-TMV	<b>H</b> 3	5F-4DWX12	<b>H</b> 11	5F-8WWX06	<b>H</b> 16	5PR-2S00-C	<b>H</b> 5
5F-1SLX00	<b>H</b> 9	5F-4DWX14	<b>H</b> 11	5F-8WWX08	<b>H</b> 16	5PR-2S06	<b>H</b> 5
5F-1SLX03	<b>H</b> 9	5F-4DWX16	<b>H</b> 11	5F-8WWX10	<b>H</b> 16	5PR-2S08	<b>H</b> 5
5F-1SLX05	<b>H</b> 9	5F-4DWX18	<b>H</b> 11	5F-8WWX12	<b>H</b> 16	5PR-2S10	<b>H</b> 5
5F-1SLX06	<b>H</b> 9	5F-4WLX00	<b>H</b> 12	5F-8WWX14	<b>H</b> 16	5PR-2S12	<b>H</b> 5
5F-1SLX08	<b>H</b> 9	5F-4WLX03	<b>H</b> 12	5F-8WWX16	<b>H</b> 16	5PR-2S12-C	<b>H</b> 5
5F-1SLX10	<b>H</b> 9	5F-4WLX03-VF05	<b>H</b> 12	5F-8WWX18	<b>H</b> 16	5PR-2S14	<b>H</b> 5
5F-1SLX12	<b>H</b> 9	5F-4WLX05	<b>H</b> 12	5F-VF05	<b>H</b> 22	5PR-2S18	<b>H</b> 5
5F-1SLX14	<b>H</b> 9	5F-4WLX06	<b>H</b> 12	5GF-8P	<b>H</b> 18	5PR-4D00	<b>H</b> 4
5F-1SLX18	<b>H</b> 9	5F-4WLX08	<b>H</b> 12	5GF-8P-WS	<b>H</b> 18	5PR-4D06	<b>H</b> 4
5F-2SLX00	<b>H</b> 14	5F-4WLX10	<b>H</b> 12	5GF-RK	<b>H</b> 17	5PR-4D08	<b>H</b> 4
5F-2SLX03	<b>H</b> 14	5F-4WLX12	<b>H</b> 12	5GF-W	<b>H</b> 17	5PR-4D10	<b>H</b> 4
5F-2SLX05	<b>H</b> 14	5F-4WWX00	<b>H</b> 12	5GF-W-F	<b>H</b> 17	5PR-4D12	<b>H</b> 4
5F-2SLX06	<b>H</b> 14	5F-4WWX03	<b>H</b> 12	5HDL-L	<b>H</b> 21	5PR-4D14	<b>H</b> 4
5F-2SLX08	<b>H</b> 14	5F-4WWX05	<b>H</b> 12	5HDL-W	<b>H</b> 21	5PR-4D18	<b>H</b> 4
5F-2SLX10	<b>H</b> 14	5F-4WWX06	<b>H</b> 12	5HR-2HSE-35	<b>H</b> 20	5PR-8D00	<b>H</b> 7
5F-2SLX12	<b>H</b> 14	5F-4WWX08	<b>H</b> 12	5HR-2HSE-50	<b>H</b> 20	5PR-8D06	<b>H</b> 7
5F-2SLX14	<b>H</b> 14	5F-4WWX10	<b>H</b> 12	5HR-2SA	<b>H</b> 20, 22	5PR-8D08	<b>H</b> 7
5F-2SLX18	<b>H</b> 14	5F-4WWX12	<b>H</b> 12	5HR-2SK	<b>H</b> 20	5PR-8D10	<b>H</b> 7
5F-4CLX00	<b>H</b> 10	5F-8DLX00	<b>H</b> 15	5HR-232	<b>H</b> 19, 20	5PR-8D12	<b>H</b> 7
5F-4CLX03A	<b>H</b> 10	5F-8DLX03	<b>H</b> 15	5HR-232-01	<b>H</b> 20, 21	5PR-8D14	<b>H</b> 7
5F-4CLX05	<b>H</b> 10	5F-8DLX05	<b>H</b> 15	5HR-232-09	<b>H</b> 20, 21	5PR-8D18	<b>H</b> 7
5F-4CLX06	<b>H</b> 10	5F-8DLX06	<b>H</b> 15	5HR-232-01-GH	H20; <b>P</b> 6	5PR-8W00	<b>H</b> 6
5F-4CLX08	<b>H</b> 10	5F-8DLX08	<b>H</b> 15	5HR-232-GH	<b>H</b> 20	5PR-8W00-C	<b>H</b> 6
5F-4CLX10	<b>H</b> 10	5F-8DLX10	<b>H</b> 15	5HR-242	<b>H</b> 19-21	5PR-8W06	<b>H</b> 6
5F-4CLX12	<b>H</b> 10	5F-8DLX12	<b>H</b> 15	5HR-242-01	<b>H</b> 20, 21	5PR-8W08	<b>H</b> 6
5F-4CWX00	<b>H</b> 10, 13	5F-8DLX14	<b>H</b> 15	5HR-242-01-GH	<b>H</b> 20; <b>P</b> 6	5PR-8W10	<b>H</b> 6
5F-4CWX03A	<b>H</b> 10, 13	5F-8DLX18	<b>H</b> 15	5HR-242-09	<b>H</b> 20, 21	5PR-8W12	<b>H</b> 6
5F-4CWX05	<b>H</b> 10, 13	5F-8DWX00	<b>H</b> 15	5HR-242-GH	<b>H</b> 20	5PR-8W12-C	<b>H</b> 6
5F-4CWX05A	<b>H</b> 13	5F-8DWX03	<b>H</b> 15	5HR-2HSE-35	<b>H</b> 23	5PR-8W14	<b>H</b> 6
5F-4CWX06	<b>H</b> 10, 13	5F-8DWX05	<b>H</b> 15	5HR-3HSE-50	<b>H</b> 20	5PR-8W14-TWV	<b>H</b> 6
5F-4CWX08	<b>H</b> 10, 13	5F-8DWX06	<b>H</b> 15	5HR-3SK	<b>H</b> 20	5PR-8W18	<b>H</b> 6
5F-4CWX10	<b>H</b> 10, 13	5F-8DWX08	<b>H</b> 15	5HR-342	<b>H</b> 19, 20	5R-18	<b>H</b> 23
5F-4CWX12	<b>H</b> 10, 13	5F-8DWX10	<b>H</b> 15	5HR-342-01-GH	<b>H</b> 20	5SL-1000	<b>H</b> 17
5F-4DLX00	<b>H</b> 11	5F-8DWX12	<b>H</b> 15	5HR-342-09-GH	<b>H</b> 20	5SL-1001	<b>H</b> 17
5F-4DLX03	<b>H</b> 11	5F-8DWX14	<b>H</b> 15	5HR-342-GH	<b>H</b> 20	5SP-03	<b>H</b> 24
5F-4DLS05	<b>H</b> 11	5F-8DWX18	<b>H</b> 15	5HR-HDL	<b>H</b> 22	5SP-03A	<b>H</b> 24
5F-4DLX05	<b>H</b> 11	5F-8WLX00	<b>H</b> 16	5HR-HDL-L	<b>H</b> 22	5SP-05	<b>H</b> 24
5F-4DLX06	<b>H</b> 11	5F-8WLX00-EE	<b>H</b> 16	5HR-HDL-W	<b>H</b> 22	5SP-05A	<b>H</b> 24
5F-4DLX08	<b>H</b> 11	5F-8WLX03	<b>H</b> 16	5HR-SP-35	<b>H</b> 20	5SP-06	<b>H</b> 24
5F-4DLX10	<b>H</b> 11	5F-8WLX05	<b>H</b> 16	5HR-SP-50	<b>H</b> 20	5SP-06A	<b>H</b> 24
5F-4DLX12	<b>H</b> 11	5F-8WLX06	<b>H</b> 16	5HSE44	<b>H</b> 23	5SP-08	<b>H</b> 24
5F-4DLX14	<b>H</b> 11	5F-8WLX08	<b>H</b> 16	5PR-1S00	<b>H</b> 8	5SP-08A	<b>H</b> 24
5F-4DLX16	<b>H</b> 11	5F-8WLX10	<b>H</b> 16	5PR-1S00-60	<b>H</b> 8	5SP-10	<b>H</b> 24
5F-4DLX18	<b>H</b> 11	5F-8WLX12	<b>H</b> 16	5PR-1S06	<b>H</b> 8	5SP-10A	<b>H</b> 24
5F-4DWX00	<b>H</b> 11	5F-8WLX14	<b>H</b> 16	5PR-1S08	<b>H</b> 8	5SP-12	<b>H</b> 24
5F-4DWX03	<b>H</b> 11	5F-8WLX16	<b>H</b> 16	5PR-1S10	<b>H</b> 8	5SP-12A	<b>H</b> 24
5F-4DWS05	<b>H</b> 11	5F-8WLX18	<b>H</b> 16	5PR-1S12	<b>H</b> 8	5SP-14	<b>H</b> 24
		T. Control of the Con		1			



							G-10
Model No. S	ection & Page	Model No. Secti	on & Page	Model No. Section &	& Page	Model No. Sectio	n & Page
5SP-16	<b>H</b> 24	B-0044-HMS	<b>A</b> 35; <b>B</b> 16	B-0104-A	<b>A</b> 40; <b>B</b> 6	B-0113-ADF08-B	<b>A</b> 12
5SP-18	<b>H</b> 24	B-0044-R	<b>A</b> 35; <b>B</b> 16	B-0104-D <b>A</b>	40; <b>D</b> 42	B-0113-ADF10-B	<b>A</b> 12
5SV	<b>H</b> 22, 23; <b>P</b> 6	B-0044-RML	<b>A</b> 35; <b>B</b> 16	B-0104-H <b>A</b>	35; <b>B</b> 11	B-0113-ADF10-BR	<b>A</b> 12
5SV-B	<b>H</b> 19, 23	B-0044-RMS	<b>A</b> 35; <b>B</b> 16	B-0105	<b>A</b> 31	B-0113-ADF12	<b>A</b> 12
5SV-C	<b>H</b> 23	B-0044-RV9	<b>A</b> 35; <b>B</b> 16	B-0106	<b>A</b> 31	B-0113-ADF12-B	<b>A</b> 12
5SV-H	<b>H</b> 19, 21, 23	B-0044-V9	<b>A</b> 35; <b>B</b> 16	B-0107 <b>A</b> 20, 37, 39	; <b>E</b> 5, 18	B-0113-B	<b>A</b> 12
5SV-H-RK	<b>H</b> 19	B-0048-H	<b>A</b> 35; <b>B</b> 16	B-0107-035	<b>A</b> 20, 38	B-0113-B-SWV	<b>A</b> 12
5SV-RK	<b>H</b> 23	B-0050-H	<b>A</b> 35; <b>B</b> 16	B-0107-A	<b>A</b> 37; <b>B</b> 6	B-0113-B-TEE	<b>A</b> 12, 23
5SV-WH	<b>H</b> 21, 23	B-0054-H	<b>A</b> 35; <b>B</b> 16	B-0107-B	<b>A</b> 37	B-0113-B08	<b>A</b> 6
5WG-1000-01	<b>H</b> 19, 21, 23; <b>P</b> 6	B-0054-H2A	<b>A</b> 35; <b>B</b> 16	B-0107-C	<b>A</b> 20, 39	B-0113-B08C	<b>A</b> 7
AG-5C	<b>F</b> 7	B-0054-V	<b>A</b> 35; <b>B</b> 16	B-0107-C35	<b>A</b> 38	B-0113-B9	<b>A</b> 12
AG-5D	<b>F</b> 7	B-0056-H	<b>A</b> 35; <b>B</b> 16	B-0107-C90	<b>A</b> 38	B-0113-BC	<b>A</b> 24
AG-5E	<b>F</b> 7	B-0056-H2A	<b>A</b> 35; <b>B</b> 16	B-0107-CM	<b>A</b> 39	B-0113-BC-V9	<b>A</b> 24
AG-5F	<b>F</b> 7	B-0056-HMS	<b>A</b> 35; <b>B</b> 16	B-0107-J <b>A</b> 4, 20, 27	', 38, 39	B-0113-BJ	<b>A</b> 24, 27
AG-6C	<b>F</b> 7	B-0060-H	A35; B16	B-0107-M	<b>A</b> 37	B-0113-BM	<b>A</b> 12
AG-6D	<b>F</b> 7	B-0068-H	A35; B16	B-0107-QD	<b>A</b> 37	B-0113-BR	<b>A</b> 12
AG-6E	<b>F</b> 7	B-0068-H2A	A35; B16	B-0108 <b>A</b> 36, 38	8; <b>E</b> 5, 18	B-0113-BY	<b>A</b> 12
AG-6F	<b>F</b> 7	B-0068-HML	<b>A</b> 35; <b>B</b> 16	B-0108-C	<b>A</b> 36, 40	B-0113-C	<b>A</b> 24
AG-7D	<b>F</b> 7	B-0068-HMS	A35; B16	B-0108-H <b>A</b> 36	s; <b>E</b> 5, 18	B-0113-CR	<b>A</b> 12
AG-8C-MF	<b>F</b> 7	B-0068-R	<b>A</b> 35		<b>A</b> 28, 38	B-0113-CR-B	<b>A</b> 12
AG-8D-FF	<b>F</b> 7	B-0072-H	A35; B16	B-0109-01M	<b>A</b> 38	B-0113-CR-BVB-A	<b>A</b> 24; <b>B</b> 6
AG-8D-MF	<b>F</b> 7	B-0080-H	A35; B16	B-0109-01VR	<b>A</b> 38	B-0113-CR-V-B	<b>A</b> 12
AG-8E-MF	<b>F</b> 7	B-0096-H	A35; B16	B-0109-02	<b>A</b> 38	B-0113-CR-V-BC	<b>A</b> 24
AG-KC	<b>F</b> 7	B-0100	<b>A</b> 30	B-0109-03	<b>A</b> 38	B-0113-LN	<b>A</b> 12
AG-KD	<b>F</b> 7	B-0100-08	<b>A</b> 30	B-0109-03VR	<b>A</b> 38	B-0113-M	<b>A</b> 12
AG-KE	<b>F</b> 7	B-0100-08C	<b>A</b> 30	B-0109-04	<b>A</b> 38	B-0113-V-BC	<b>A</b> 24
AG-KF	<b>F</b> 7	B-0100-32H	<b>A</b> 30	B-0109-05	<b>A</b> 38	B-0113-Y	<b>A</b> 12
AG-RC	<b>F</b> 7	B-0100-C	<b>A</b> 30, 38	B-0109-06	<b>A</b> 38	B-0114-01	<b>A</b> 21
AW-5B	<b>F</b> 10	B-0100-C-SWV	<b>A</b> 30	B-0109-07	<b>A</b> 38	B-0114-01B	<b>A</b> 21
AW-5C	<b>F</b> 10	B-0100-CM	<b>A</b> 38	B-0110	<b>A</b> 38	B-0114-02	<b>A</b> 21
AW-5D	<b>F</b> 10	B-0100-J	<b>A</b> 31, 41	B-0111	<b>A</b> 19	B-0114-RK	<b>A</b> 44
B-0015-H	<b>A</b> 35; <b>B</b> 16	B-0100-J-SWV	<b>A</b> 41	B-0111-02	<b>A</b> 19	B-0117	<b>A</b> 28
B-0020-H	<b>A</b> 20, 35; <b>B</b> 16	B-0100-M	<b>A</b> 30	B-0111-B	<b>A</b> 19	B-0119	<b>A</b> 38
B-0020-H2A	<b>A</b> 35; <b>B</b> 16	B-0100-SWV	<b>A</b> 4, 30	B-0111-BC	<b>A</b> 19	B-0121	<b>A</b> 19
B-0020-HM	<b>A</b> 35; <b>B</b> 16	B-0101	<b>A</b> 30	B-0111-BR	<b>A</b> 19	B-0122	<b>A</b> 19
B-0020-R	<b>A</b> 35; <b>B</b> 16	B-0101-A	<b>A</b> 30	B-0111-C	<b>A</b> 19	B-0123	<b>A</b> 13
B-0023-H	<b>A</b> 35; <b>B</b> 16	B-0101-E72-053A	<b>A</b> 30	B-0112	<b>A</b> 19	B-0123-08	<b>A</b> 8
B-0024-H	<b>A</b> 35; <b>B</b> 16	B-0101-ENP	<b>A</b> 30	B-0113	<b>A</b> 12	B-0123-08C	<b>A</b> 9
B-0026-H	<b>A</b> 35; <b>B</b> 16	B-0102	<b>B</b> 6	B-0113-01BY	<b>A</b> 12	B-0123-12CRCVBC	<b>A</b> 25
B-0026-H2A	<b>A</b> 35; <b>B</b> 16	B-0102-A	<b>B</b> 6	B-0113-079X-V-B	<b>A</b> 12	B-0123-A06-B08	<b>A</b> 8
B-0026-HM	<b>A</b> 35; <b>B</b> 16	B-0102-B	<b>B</b> 6	B-0113-08	<b>A</b> 6	B-0123-A10-08	<b>A</b> 8
B-0028-H	<b>A</b> 35; <b>B</b> 16	B-0102-C	<b>B</b> 6	B-0113-08C	<b>A</b> 7	B-0123-A10-08C	<b>A</b> 9
B-0028-H2A	<b>A</b> 35; <b>B</b> 16	B-0103	<b>C</b> 10; <b>D</b> 74	B-0113-12-CRVB	<b>A</b> 12	B-0123-A12-08	<b>A</b> 8
B-0032-H	<b>A</b> 35; <b>B</b> 16	B-0103-01	<b>C</b> 10; <b>D</b> 74	B-0113-12-CRVBC	<b>A</b> 24	B-0123-A12-08C	<b>A</b> 9
B-0036-H	<b>A</b> 35; <b>B</b> 16	B-0103-F03	<b>C</b> 10; <b>D</b> 74	B-0113-A06-B08C	<b>A</b> 7	B-0123-A12-B08	<b>A</b> 8
B-0040-H2A	<b>A</b> 35; <b>B</b> 16	B-0103-F05	<b>C</b> 10; <b>D</b> 74	B-0113-A10-08C	<b>A</b> 7	B-0123-A12-B08C	<b>A</b> 9
B-0044-H	<b>A</b> 35; <b>B</b> 16	B-0103-F07	<b>C</b> 10; <b>D</b> 74	B-0113-A12-08C	<b>A</b> 7	B-0123-A12-V-BC	<b>A</b> 25
B-0044-H2A	<b>A</b> 35; <b>B</b> 16	B-0103-F10	<b>C</b> 10; <b>D</b> 74	B-0113-A12B-TEE	<b>A</b> 23	B-0123-ADF06-B	<b>A</b> 13
B-0044-H2AML		B-0103-F12	<b>C</b> 10; <b>D</b> 74	B-0113-A12-B08	<b>A</b> 6	B-0123-ADF08	<b>A</b> 13
B-0044-H2AMS		B-0103-F15	<b>C</b> 10; <b>D</b> 74	B-0113-A12-B08C	<b>A</b> 7	B-0123-ADF08-B	<b>A</b> 13
B-0044-HF	<b>A</b> 35; <b>B</b> 16	B-0103-F20	<b>C</b> 10; <b>D</b> 74	B-0113-A12-V-BC	<b>A</b> 24	B-0123-ADF10-B	<b>A</b> 13
B-0044-HML	<b>A</b> 35; <b>B</b> 16	B-0104 <b>A</b> 40;	<b>B</b> 6, 16; <b>D</b> 42	B-0113-A12B-TEE	<b>A</b> 12	B-0123-ADF12	<b>A</b> 13
		i i		T. Control of the Con		I control of the cont	



							G-10
Model No. Section &	Page	Model No. Section	n & Page	Model No. Section	on & Page	Model No. Sec	tion & Page
B-0123-ADF12-B	<b>A</b> 13	B-0133-A08-B08	<b>A</b> 10	B-0133-CR-C	<b>A</b> 26	B-0168	<b>A</b> 32
B-0123-B	<b>A</b> 13	B-0133-A08-B08C	<b>A</b> 11	B-0133-CR-V-BCE	<b>A</b> 26	B-0169	<b>A</b> 32
B-0123-B08	<b>A</b> 8	B-0133-A10-08C	<b>A</b> 11	B-0133-CR-V-BE	<b>A</b> 14	B-0169-01	<b>A</b> 32
B-0123-B08C	<b>A</b> 9	B-0133-A10-B08	<b>A</b> 10	B-0133-EE-B	<b>A</b> 14	B-0169-102C-96H	<b>A</b> 32
B-0123-B9	<b>A</b> 13	B-0133-A10-B08C	<b>A</b> 11	B-0133-EE-BM	<b>A</b> 14	B-0170	<b>A</b> 32
B-0123-BC	<b>A</b> 25	B-0133-A12-08	<b>A</b> 10	B-0133-EE-CR-8C	<b>A</b> 11	B-0171	<b>A</b> 20
B-0123-BM	<b>A</b> 13	B-0133-A12-08C	<b>A</b> 11	B-0133-LB	<b>A</b> 14	B-0171-01	<b>A</b> 20
B-0123-C	<b>A</b> 25	B-0133-A12-B08	<b>A</b> 10	B-0133-M	<b>A</b> 14	B-0173	<b>A</b> 17
B-0123-CR	<b>A</b> 13	B-0133-A12-B08C	<b>A</b> 11	B-0133-V-B	<b>A</b> 14	B-0173-B	<b>A</b> 17
B-0123-CR-B	<b>A</b> 13	B-0133-A12-B8CX	<b>A</b> 11	B-0133-V-B-68H	<b>A</b> 14	B-0174	<b>A</b> 21
B-0123-CR-BC	<b>A</b> 25	B-0133-A12-BC4	<b>A</b> 26	B-0133-V-BC	<b>A</b> 26	B-0175	<b>A</b> 32
B-0123-CR-C	<b>A</b> 25	B-0133-A12-CCB	<b>A</b> 15	B-0134	<b>A</b> 21	B-0175-01	<b>A</b> 32
B-0123-CR-CCV-B	<b>A</b> 13	B-0133-A12B-TEE	<b>A</b> 15, 23	B-0134-B	<b>A</b> 21	B-0175-02	<b>A</b> 32
B-0123-CR-CCVBC	<b>A</b> 25	B-0133-A14-CCB	<b>A</b> 15	B-0137	<b>A</b> 28	B-0175-03	<b>A</b> 32
B-0123-M	<b>A</b> 13	B-0133-ADF06	<b>A</b> 15	B-0140-01	<b>A</b> 29	B-0176	<b>A</b> 32
B-0123-V-BC	<b>A</b> 25	B-0133-ADF06-B	<b>A</b> 15	B-0140-08	<b>A</b> 29	B-0176-ER	<b>A</b> 32
B-0124	<b>A</b> 21	B-0133-ADF08	<b>A</b> 15	B-0141	<b>A</b> 20	B-0177	<b>A</b> 33
B-0126	<b>A</b> 29	B-0133-ADF08-B	<b>A</b> 15	B-0143	<b>A</b> 16	B-0178	<b>A</b> 33
B-0126-CR	<b>A</b> 29	B-0133-ADF10-B	<b>A</b> 15	B-0143-01	<b>A</b> 16	B-0180	<b>B</b> 11
B-0126-R	<b>A</b> 29	B-0133-ADF10-BR	<b>A</b> 15	B-0144-H	<b>A</b> 35; <b>B</b> 16	B-0182	<b>B</b> 11
B-0126-VB	<b>A</b> 29	B-0133-ADF12	<b>A</b> 15	B-0152-CR-C-TEE	<b>A</b> 29	B-0187	<b>B</b> 12
B-0126-VBR	<b>A</b> 29	B-0133-ADF12-B	<b>A</b> 15	B-0153	<b>A</b> 16	B-0188	<b>B</b> 12
B-0127	<b>A</b> 28	B-0133-ADF12-BC	<b>A</b> 26	B-0155	<b>A</b> 37	B-0190	<b>B</b> 11
B-0128-VB	<b>A</b> 29	B-0133-ADF12-BM	<b>A</b> 15	B-0155-05	<b>A</b> 37	B-0192	<b>B</b> 11
B-0129	<b>A</b> 29	B-0133-ADF12-BR	<b>A</b> 15	B-0155-05LN	<b>A</b> 37	B-0193	<b>B</b> 11
B-0129-VB	<b>A</b> 29	B-0133-ADF14-B	<b>A</b> 15	B-0155-064X	<b>A</b> 37	B-0195	<b>B</b> 12
B-0130	<b>A</b> 29	B-0133-ADF14-BR	<b>A</b> 15	B-0155-CR-LN	<b>A</b> 37	B-0196	<b>B</b> 12
B-0131	<b>A</b> 19	B-0133-ADF16-BR	<b>A</b> 15	B-0155-LN	<b>A</b> 20, 37	B-0198-F03	<b>C</b> 10; <b>D</b> 74, 82
B-0131-ADF12-BC	<b>A</b> 19	B-0133-ADF-LN	<b>A</b> 15	B-0155-LNEZ	<b>A</b> 37	B-0198-F05	<b>C</b> 10; <b>D</b> 74, 82
B-0131-ADF14-B	<b>A</b> 19	B-0133-B	<b>A</b> 14	B-0155-LNM	<b>A</b> 37	B-0198-F07	<b>C</b> 10; <b>D</b> 74, 82
B-0131-B	<b>A</b> 19	B-0133-B-02	<b>A</b> 14	B-0155-M	<b>A</b> 37	B-0198-F10	<b>C</b> 10; <b>D</b> 74, 82
B-0131-BC	<b>A</b> 19	B-0133-B-SWV	<b>A</b> 14	B-0156	<b>A</b> 20. 37	B-0198-F12	<b>C</b> 10; <b>D</b> 74, 82
B-0131-BC-28H	<b>A</b> 19	B-0133-B-TEE	<b>A</b> 14, 23	B-0156-05	<b>A</b> 37	B-0198-F15	<b>C</b> 10; <b>D</b> 74, 82
B-0131-BC-425	<b>A</b> 19	B-0133-B08	<b>A</b> 10	B-0156-CR	<b>A</b> 37	B-0198-F20	<b>C</b> 10; <b>D</b> 74, 82
B-0131-C	<b>A</b> 28	B-0133-B08C	<b>A</b> 11	B-0156-EZ	<b>A</b> 37	B-0199-01	<b>C</b> 8; <b>D</b> 72
B-0131-CR-B	<b>A</b> 19	B-0133-B9	<b>A</b> 14	B-0156-M	<b>A</b> 37	B-0199-01-N035	<b>C</b> 9; <b>D</b> 73, 83
B-0131-CR-B08C	<b>A</b> 19	B-0133-B9M	<b>A</b> 14	B-0156-VF22	<b>A</b> 37	B-0199-01-N05	<b>C</b> 9; <b>D</b> 73, 83
B-0131-CR-B28H	<b>A</b> 19	B-0133-BC	<b>A</b> 26	B-0157	<b>A</b> 37	B-0199-01-WS	<b>C</b> 8; <b>D</b> 72, 82
B-0132	<b>A</b> 19	B-0133-BJ	<b>A</b> 27	B-0157-05	<b>A</b> 37	B-0199-01F	<b>C</b> 8; <b>D</b> 72, 82
B-0133	<b>A</b> 14	B-0133-BM	<b>A</b> 14	B-0157-CR	<b>A</b> 37	B-0199-02	<b>C</b> 8; <b>D</b> 72
B-0133-01	<b>A</b> 14	B-0133-BQD	<b>A</b> 14	B-0157-M	<b>A</b> 37	B-0199-02-N035	<b>C</b> 9; <b>D</b> 73, 83
B-0133-01-36H	<b>A</b> 14	B-0133-BR	<b>A</b> 14	B-0158	<b>A</b> 37	B-0199-02-N05	<b>C</b> 9; <b>D</b> 73, 83
B-0133-01-CR	<b>A</b> 14	B-0133-BR-B	<b>A</b> 14	B-0158-CR	<b>A</b> 37	B-0199-02-WS	<b>C</b> 8; <b>D</b> 72, 82
B-0133-01-CR-8C	<b>A</b> 11	B-0133-C	<b>A</b> 26	B-0159	<b>A</b> 38	B-0199-02F	<b>C</b> 8; <b>D</b> 72, 82
B-0133-08	<b>A</b> 10	B-0133-CC	<b>A</b> 14	B-0160	<b>A</b> 31	B-0199-03	<b>C</b> 8; <b>D</b> 72
B-0133-08C	<b>A</b> 11	B-0133-CCB	<b>A</b> 14	B-0163	<b>A</b> 16	B-0199-03-N035	<b>C</b> 9; <b>D</b> 73, 83
B-0133-12CRVBCE	<b>A</b> 26	B-0133-CCB-CR	<b>A</b> 14	B-0165	<b>A</b> 31	B-0199-03-N05	<b>C</b> 9; <b>D</b> 73, 83
B-0133-12-CRVBE	<b>A</b> 13	B-0133-CCB-M	<b>A</b> 14	B-0165-C35-68H	<b>A</b> 37	B-0199-03-WS	<b>C</b> 8; <b>D</b> 72, 82
B-0133-A06-08	<b>A</b> 10	B-0133-CR	<b>A</b> 14	B-0166	<b>A</b> 40	B-0199-03F	<b>C</b> 8; <b>D</b> 72, 82
B-0133-A06-08C	<b>A</b> 11	B-0133-CR-B	<b>A</b> 14	B-0167	<b>A</b> 32	B-0199-04	<b>C</b> 8; <b>D</b> 72
B-0133-A08-08	<b>A</b> 10	B-0133-CR-B08C	<b>A</b> 11	B-0167-01	<b>A</b> 32	B-0199-04-N035	<b>C</b> 9; <b>D</b> 73, 83
B-0133-A08-08C	<b>A</b> 11	B-0133-CR-BC	<b>A</b> 26	B-0167-HH	<b>A</b> 32	B-0199-04-N05	<b>C</b> 9; <b>D</b> 73, 83



							G-10
Model No. Sect	ion & Page	Model No. Sec	tion & Page	Model No. Sect	ion & Page	Model No. Sect	ion & Page
B-0199-04-WS	<b>C</b> 8; <b>D</b> 72, 82	B-0205-LNM	<b>C</b> 15	B-0227-CC	<b>C</b> 17, 21	B-0233-02	<b>C</b> 23
B-0199-05-N035	<b>C</b> 9; <b>D</b> 73, 83	B-0205-M	<b>C</b> 15, 16	B-0227-CR	<b>C</b> 17	B-0233-03	<b>C</b> 23
B-0199-05-N05	<b>C</b> 9; <b>D</b> 73, 83	B-0206	<b>C</b> 15, 16	B-0227-M	<b>C</b> 17, 21	B-0233-04	<b>C</b> 23
B-0199-05-WS	<b>C</b> 8; <b>D</b> 72, 82	B-0206-CR	<b>C</b> 15, 16	B-0228	<b>C</b> 17, 21	B-0234-BST	<b>C</b> 19, 22
B-0199-06	<b>C</b> 8; <b>D</b> 72	B-0206-M	<b>C</b> 15, 16	B-0228-CR	<b>C</b> 17, 21	B-0234-EE	<b>C</b> 19, 22
B-0199-06-N035	<b>C</b> 9; <b>D</b> 73, 83	B-0207	<b>C</b> 15, 16	B-0228-M	<b>C</b> 17, 21	B-0234-EELN	<b>C</b> 22
B-0199-06-N05	<b>C</b> 9; <b>D</b> 73, 83	B-0207-CR	<b>C</b> 15, 16	B-0230	<b>C</b> 17, 22	B-0235	<b>C</b> 17, 23
B-0199-06-WS	<b>C</b> 8; <b>D</b> 72, 82	B-0207-M	<b>C</b> 15, 16	B-0230-01	<b>C</b> 22	B-0235-CC	<b>C</b> 17
B-0199-06F	<b>C</b> 8; <b>D</b> 72, 82	B-0208	<b>C</b> 15, 18	B-0230-01-QT	<b>C</b> 22	B-0235-01	<b>C</b> 19, 23
B-0199-07	<b>C</b> 8; <b>D</b> 72	B-0208-CR	<b>C</b> 15, 18	B-0230-02	<b>C</b> 17	B-0235-LN	<b>C</b> 17, 19, 23
B-0199-07-N035	<b>C</b> 9; <b>D</b> 73, 83	B-0208-CR-HW	<b>C</b> 15, 18	B-0230-14-CR-SC	<b>C</b> 22	B-0235-LNM	<b>C</b> 23
B-0199-07-N05	<b>C</b> 9; <b>D</b> 73, 83	B-0210	<b>C</b> 15, 20	B-0230-132XA-CR	<b>C</b> 22	B-0236	<b>c</b> 17, 23
B-0199-07-WS	<b>C</b> 8; <b>D</b> 72, 82	B-0210-060X	<b>C</b> 15, 20	B-0230-132XA-EL	<b>C</b> 22	B-0236-CR	<b>C</b> 17
B-0199-07F	<b>C</b> 8; <b>D</b> 72, 82	B-0210-LN	<b>C</b> 15, 20	B-0230-134XA-CR	<b>C</b> 22	B-0236-M	<b>c</b> 17, 23
B-0199-08	<b>C</b> 8; <b>D</b> 72	B-0210-LNM	<b>C</b> 15	B-0230-BST	<b>C</b> 17, 22	B-0237	<b>c</b> 17, 23
B-0199-08-N035	<b>C</b> 9; <b>D</b> 73, 83	B-0211	<b>C</b> 15, 20	B-0230-CC	<b>C</b> 17, 22	B-0238	<b>C</b> 17
B-0199-08-N05	<b>c</b> 9; <b>D</b> 73, 83	B-0212	<b>C</b> 15, 20	B-0230-CCLN	<b>C</b> 22	B-0240	<b>c</b> 20, 23
B-0199-08-WS	<b>C</b> 8; <b>D</b> 72, 82	B-0216	<b>C</b> 15, 20	B-0230-CCLNM	<b>C</b> 22	B-0240-LN	<b>C</b> 20
B-0199-08F	<b>C</b> 8; <b>D</b> 72, 82	B-0216-177F	<b>c</b> 20	B-0230-CR	<b>C</b> 17, 22	B-0241	<b>c</b> 20, 23
B-0199-09	<b>C</b> 8; <b>D</b> 72	B-0220	<b>C</b> 17, 21	B-0230-CR-02	<b>C</b> 22	B-0242	<b>c</b> 20, 23
B-0199-09-N035	<b>C</b> 9; <b>D</b> 73, 83	B-0220-CC	<b>C</b> 17, 21	B-0230-CR-M	<b>C</b> 22	B-0243	<b>c</b> 20, 23
B-0199-09-N05	<b>C</b> 9; <b>D</b> 73, 83	B-0220-EE	<b>C</b> 17, 21	B-0230-EE	<b>C</b> 17, 22	B-0245	<b>C</b> 19, 21
B-0199-09-WS	<b>C</b> 8; <b>D</b> 72, 82	B-0220-EE-061X	<b>C</b> 17, 21	B-0230-EE-061X	<b>C</b> 17, 22	B-0246	<b>C</b> 19, 21
B-0199-10-N035	<b>C</b> 9; <b>D</b> 73, 83	B-0220-EELN	<b>C</b> 21		C11, 40; <b>D</b> 65	B-0247	<b>C</b> 19, 21
B-0199-10-N05	<b>C</b> 9; <b>D</b> 73, 83	B-0220-LN	<b>C</b> 17, 19, 21		<b>C</b> 11, 40; <b>D</b> 75	B-0250	<b>C</b> 15, 18
B-0199-10-WS	<b>C</b> 8; <b>D</b> 72, 82	B-0220-LNCC	<b>C</b> 21	B-0230-LN	<b>C</b> 17, 19, 22	B-0251	<b>C</b> 15, 18
B-0199-21	<b>C</b> 9; <b>D</b> 73, 83	B-0220-LNCCM	<b>C</b> 21	B-0230-LNM	<b>C</b> 22	B-0252	<b>C</b> 15, 18
B-0199-21-VRF	<b>C</b> 9; <b>D</b> 73, 83	B-0220-LNM	<b>C</b> 21	B-0230-M	<b>C</b> 22	B-0255	<b>C</b> 15, 18
B-0199-21-VRM	<b>C</b> 9; <b>D</b> 73, 83	B-0220-M	<b>C</b> 17, 21	B-0230-TZ-CR-SC		B-0256	<b>C</b> 18
B-0199-22	<b>C</b> 10; <b>D</b> 74	B-0221	<b>C</b> 17, 21	B-0231	<b>C</b> 17, 22	B-0257	<b>C</b> 15, 18
B-0199-25	<b>C</b> 9; <b>D</b> 73, 83	B-0221-01	<b>C</b> 17, 21	B-0231-02	<b>C</b> 17, 22	B-0260	<b>C</b> 15, 20
B-0199-26	<b>C</b> 9; <b>D</b> 73, 83	B-0221-CC	<b>C</b> 17, 21	B-0231-BB-CR	<b>C</b> 17	B-0260-CR-177F	<b>C</b> 20
B-0199-27	<b>C</b> 9; <b>D</b> 73, 83	B-0221-CC-CR	<b>C</b> 17, 21	B-0231-BST	<b>C</b> 17, 22	B-0261	<b>C</b> 15, 20
B-0199-28	<b>C</b> 9; <b>D</b> 73, 83	B-0221-CR	C17	B-0231-CC	<b>C</b> 17, 22	B-0262	<b>C</b> 20
B-0199-29	<b>C</b> 9; <b>D</b> 73, 83	B-0221-EE	<b>C</b> 17, 21	B-0231-CC-CR	<b>C</b> 17, 22	B-0265	<b>C</b> 19, 22
B-0199-29VR	<b>C</b> 9; <b>D</b> 73, 83	B-0221-KK	<b>C</b> 17, 21	B-0231-CCM	<b>C</b> 17, 22	B-0265-BST	<b>C</b> 19, 22
B-0199-VR-KEY	<b>C</b> 10; <b>D</b> 74	B-0221-M	<b>C</b> 17, 21	B-0231-CR	<b>C</b> 17, 22	B-0266	<b>C</b> 19, 22
B-0200	<b>C</b> 15, 16	B-0222	<b>C</b> 17, 21	B-0231-CR-M	<b>C</b> 17, 22	B-0266-BST	<b>C</b> 19, 22
B-0200-60H-VB	<b>C</b> 15	B-0222-CC	<b>C</b> 17, 21	B-0231-EE	<b>C</b> 17, 22	B-0266-CR-SC	<b>C</b> 19
B-0200CR-PRISON	<b>C</b> 15, 16	B-0222-EE	<b>C</b> 17, 21	B-0231-EE-CR	<b>C</b> 17, 22	B-0267	<b>C</b> 19, 22
B-0200-LN	<b>C</b> 15, 16, 18	B-0222-M	<b>C</b> 17, 21	B-0231-EEM	<b>C</b> 17, 22	B-0267-BST	<b>C</b> 19, 22
B-0200-LNM	<b>C</b> 15	B-0225	<b>C</b> 17, 21	B-0231-M	<b>C</b> 17, 22	B-0270	<b>B</b> 7
B-0200-M	<b>C</b> 15, 16	B-0225-CC	<b>C</b> 17, 21	B-0231-VF22-EL	<b>C</b> 22	B-0270-144XVF22	<b>B</b> 7
B-0201	<b>C</b> 15, 16	B-0225-CR	<b>C</b> 17, 21	B-0231-WH4	<b>C</b> 17, 22	B-0271	<b>B</b> 7
B-0201-CR	<b>C</b> 15, 16	B-0225-CR-LN	<b>C</b> 21	B-0232	<b>C</b> 17, 22	B-0273	<b>E</b> 22
B-0201-0K	<b>C</b> 15, 16	B-0225-EELN	<b>C</b> 21	B-0232-BST	<b>C</b> 17, 22	B-0273-QD	<b>E</b> 22
B-0202	<b>C</b> 15, 16	B-0225-LLIN	<b>C</b> 17, 19, 21	B-0232-CC	<b>C</b> 17, 22	B-0275	<b>B</b> 7
B-0202 B-0202-CR	<b>C</b> 15, 16	B-0225-LNM	<b>C</b> 21	B-0232-CC-CR	<b>C</b> 17, 22	B-0276	<b>B</b> 7
B-0202-CIV B-0205	<b>C</b> 15, 16	B-0225-LNW	<b>C</b> 17, 21	B-0232-EE	C17	B-0277	<b>B</b> 7
B-0205 B-0205-44H-VB	<b>C</b> 15	B-0226	<b>C</b> 17, 21	B-0232-ELK	<b>C</b> 17	B-0277	<b>B</b> 7
B-0205-60H-VB	<b>C</b> 15	B-0226-CC	<b>C</b> 17, 21	B-0232-LLR B-0232-M	<b>C</b> 17, 22	B-0281	<b>B</b> 13
B-0205-LN	<b>C</b> 15, 16, 18	B-0220-00	<b>C</b> 17, 21	B-0233-01	<b>C</b> 23	B-0284 B-0286-LNEZ	<b>A</b> 22, <b>B</b> 12
5 0200 EII	,,	3 0==.	<del>-</del> ,	3 3230 01	<b>3</b> 20	3 0200 1112	



Model No. Section & Page		Model No. Section & Page		Model No. Section & Page		Model No. Section & Page		
Mouel No. Sect	ion & Fage	Model No. Section	ii & Fage		section & rage		ctivii & rage	
B-0287	<b>A</b> 22; <b>B</b> 12	B-0316-LN	<b>C</b> 24	B-0350	<b>D</b> 27	B-0447	<b>C</b> 14; <b>D</b> 78	
B-0287-427-B	<b>A</b> 22; <b>B</b> 12	B-0318-02	<b>B</b> 9	B-0350-04	<b>D</b> 27	B-0448	C14; D78	
B-0289	<b>A</b> 22; <b>B</b> 13	B-0318-03	<b>B</b> 9	B-0352	<b>D</b> 27	B-0449	<b>C</b> 14; <b>D</b> 78	
B-0290	<b>B</b> 13	B-0319	<b>B</b> 9	B-0352-04	<b>D</b> 27	B-0452	<b>C</b> 6; <b>D</b> 70	
B-0290-01	<b>B</b> 13	B-0319-01	<b>B</b> 7	B-0353-04	<b>D</b> 27	B-0455	<b>D</b> 50	
B-0290-04	<b>B</b> 13	B-0319-02	<b>B</b> 7	B-0355-04	<b>D</b> 27	B-0455-04	<b>D</b> 50	
B-0290-14	<b>B</b> 13	B-0319-03	<b>B</b> 7	B-0362	<b>D</b> 34; <b>E</b> 24	B-0456	<b>D</b> 50	
B-0290-K	<b>B</b> 15	B-0319-04	<b>B</b> 7	B-0405-02	<b>C</b> 5; <b>D</b> 69	B-0456-04	<b>D</b> 50	
B-0290-LN	<b>B</b> 13	B-0320	<b>C</b> 25	B-0405-03	<b>C</b> 5; <b>D</b> 69	B-0457	<b>D</b> 50	
B-0290-PRISON	<b>B</b> 14	B-0320-LN	<b>C</b> 25	B-0405-04	<b>C</b> 5; <b>D</b> 69	B-0458	<b>D</b> 50	
B-0291	<b>B</b> 13	B-0321	<b>C</b> 19, 24	B-0406-02	<b>C</b> 5; <b>D</b> 69	B-0466	<b>C</b> 40; <b>D</b> 67	
B-0292	<b>B</b> 13	B-0321-CC	<b>C</b> 19, 24	B-0406-03	<b>C</b> 5; <b>D</b> 69	B-0467	<b>C</b> 40; <b>D</b> 67	
B-0293	<b>B</b> 13, 14	B-0321-CC-CR	<b>C</b> 19, 24	B-0406-04	<b>C</b> 5; <b>D</b> 69	B-0473	<b>D</b> 29	
B-0293-01	<b>B</b> 14	B-0321-NPL	<b>C</b> 24	B-0407-02	<b>C</b> 5; <b>D</b> 69	B-0474	<b>D</b> 29	
B-0293-14	<b>B</b> 14	B-0322	<b>D</b> 27	B-0407-03	<b>C</b> 5; <b>D</b> 69	B-0475	<b>D</b> 29	
B-0294	<b>B</b> 13, 14	B-0322-04	<b>D</b> 27	B-0407-04	<b>C</b> 5; <b>D</b> 69	B-0475-LKS	<b>D</b> 29	
B-0295	<b>B</b> 13, 14	B-0323-04	<b>D</b> 27	B-0408-02	<b>C</b> 5; <b>D</b> 69	B-0491-01	<b>D</b> 33; <b>E</b> 23	
B-0296	<b>B</b> 14	B-0324-04	<b>D</b> 27	B-0408-03	<b>C</b> 5; <b>D</b> 69	B-0492-01	<b>D</b> 33; <b>E</b> 23	
B-0296-BKT	<b>B</b> 14	B-0325	<b>C</b> 19, 24	B-0408-04	<b>C</b> 5; <b>D</b> 69	B-0502	<b>D</b> 28; <b>P</b> 5	
B-0296-LN	<b>B</b> 14	B-0325-A22	<b>c</b> 24	B-0409-02	<b>C</b> 5; <b>D</b> 69	B-0502-LKS	<b>D</b> 28	
B-0296-PRISON	<b>B</b> 14	B-0325-CC-CR	<b>c</b> 24	B-0409-03	<b>C</b> 5; <b>D</b> 69	B-0502-SL	<b>D</b> 28	
B-0297	<b>B</b> 14	B-0325-CC-CR-WH4	<b>c</b> 24	B-0409-04	<b>C</b> 5; <b>D</b> 69	B-0504	<b>D</b> 28	
B-0298	<b>B</b> 14	B-0325-CR	<b>c</b> 24	B-0412	<b>C</b> 6; <b>D</b> 70	B-0504-01	<b>D</b> 28	
B-0300	<b>C</b> 25	B-0325-LN	<b>c</b> 24	B-0412-F03	<b>C</b> 6; <b>D</b> 70, 80	B-0504-02	<b>D</b> 28	
B-0300-102A-CR	<b>B</b> 8	B-0325-LNCC	<b>c</b> 24	B-0412-F05	<b>C</b> 6; <b>D</b> 70, 80	B-0504-03	<b>D</b> 28	
B-0300-CR	<b>C</b> 25	B-0325-WH4	<b>C</b> 19	B-0412-F07	<b>C</b> 6; <b>D</b> 70, 80	B-0504-03SL	<b>D</b> 28	
B-0300-LN	<b>c</b> 25	B-0326	<b>c</b> 26	B-0412-F10	<b>C</b> 6; <b>D</b> 70, 80	B-0504-LKS	<b>D</b> 28	
B-0300-VR	<b>C</b> 25	B-0326-LN	<b>c</b> 26	B-0412-F12	<b>C</b> 6; <b>D</b> 70, 80	B-0504-SL	<b>D</b> 28	
B-0300-VR4	<b>C</b> 25	B-0328-CR-VF05	<b>c</b> 24	B-0412-F15	<b>C</b> 6; <b>D</b> 70, 80	B-0505	<b>D</b> 28	
B-0300-WH4	<b>C</b> 25	B-0330	<b>c</b> 26	B-0412-F16	<b>C</b> 6; <b>D</b> 70, 80	B-0505-SL	<b>D</b> 28	
B-0301	<b>c</b> 18, 23	B-0330-01-WH4	<b>c</b> 26	B-0412-F20	<b>C</b> 6; <b>D</b> 70, 80	B-0507	<b>D</b> 28	
B-0301-01	<b>c</b> 23	B-0330-04	<b>D</b> 27	B-0412-M	<b>C</b> 6; <b>D</b> 70	B-0507-02	<b>D</b> 28	
B-0301-01-QT	<b>c</b> 23	B-0330-BST	<b>c</b> 26	B-0413	<b>C</b> 6; <b>D</b> 70	B-0508	<b>D</b> 28	
B-0301-VR	<b>c</b> 23	B-0330CR-PRISON	<b>C</b> 26	B-0413-M	<b>C</b> 6; <b>D</b> 70	B-0508-01	<b>D</b> 28	
B-0301-WH4	<b>C</b> 23	B-0330-LN	<b>C</b> 26	B-0413-M50	<b>C</b> 6; <b>D</b> 70	B-0508-02	<b>D</b> 29	
B-0305	<b>C</b> 25	B-0331	<b>C</b> 19, 24	B-0414	<b>C</b> 6; <b>D</b> 70	B-0508-LKS	<b>D</b> 29	
B-0305-01	<b>C</b> 25	B-0331-BST	<b>C</b> 19, 24	B-0414-M	<b>C</b> 6; <b>D</b> 70	B-0509	<b>D</b> 29	
B-0305-03	<b>C</b> 25	B-0331-CC	<b>C</b> 19, 24	B-0415	<b>D</b> 64	B-0512	<b>E</b> 20	
B-0305-102A-CR	<b>B</b> 8	B-0331-CR	<b>C</b> 24	B-0416	<b>D</b> 64	B-0513	<b>E</b> 20	
B-0305-CR	<b>C</b> 25	B-0331-VF22-EL	<b>C</b> 24	B-0418	<b>D</b> 64	B-0520	<b>D</b> 30	
B-0305-LN	<b>C</b> 25	B-0340	<b>C</b> 26	B-0425	<b>A</b> 40; <b>C</b> 11; <b>D</b> 75	B-0520-01	<b>D</b> 30	
B-0305-QT-WS	<b>C</b> 25	B-0340-LN	<b>C</b> 26	B-0425-M	C11; D75	B-0520-F03	<b>D</b> 30	
B-0305-VR	<b>C</b> 25	B-0341	<b>C</b> 19, 23	B-0426	C11; D75	B-0520-F05	<b>D</b> 30	
B-0305-VR4	<b>C</b> 25	B-0341-CCC	<b>C</b> 19, 23	B-0427	C11; D75	B-0520-F07	<b>D</b> 30	
				B-0428	C11; D75	B-0520-F10	<b>D</b> 30	
B-0306 B-0308-QT	<b>C</b> 18, 23 <b>C</b> 23	B-0342 B-0342CR-PRISON	<b>C</b> 26	В-0428	C11; D75	B-0520-F10	<b>D</b> 30	
-								
B-0310	<b>C</b> 25	B-0342-LN	<b>C</b> 26	B-0440 B-0441	<b>C</b> 14; <b>D</b> 78 <b>C</b> 14; <b>D</b> 78	B-0520-F15 B-0520-F20	<b>D</b> 30	
B-0310-LN	<b>C</b> 25	B-0343	<b>C</b> 20, 23			B-0520-F20 B-0520-F1	<b>D</b> 30	
B-0312	<b>C</b> 20, 23	B-0344	<b>C</b> 21	B-0442	C14; D78			
B-0315	<b>C</b> 25	B-0345	<b>C</b> 26	B-0443	C14; D78	B-0520-F1-F03	<b>D</b> 30	
B-0315-LN	<b>C</b> 25	B-0345-LN	<b>C</b> 26	B-0445	C14; D78	B-0520-F1-F05	<b>D</b> 30	
B-0316	<b>C</b> 24	B-0346	<b>C</b> 24	B-0446	<b>C</b> 14; <b>D</b> 78	B-0520-F1-F07	<b>D</b> 30	



							G-10
Model No. Section	on & Page	Model No. Sect	ion & Page	Model No. Secti	on & Page	Model No.	Section & Page
B-0520-F1-F10	<b>D</b> 30	B-0618-02	<b>D</b> 39; <b>E</b> 28	B-0667-POL	<b>D</b> 37; <b>E</b> 25	B-0702	<b>D</b> 39; <b>E</b> 28
B-0520-F1-F12	<b>D</b> 30	B-0618-03	<b>D</b> 39; <b>E</b> 28	B-0667-POLM	<b>D</b> 37; <b>E</b> 25	B-0703	<b>D</b> 39; <b>E</b> 28
B-0520-F1-F15	<b>D</b> 30	B-0650-01	<b>D</b> 33; <b>E</b> 23	B-0667-RGH	<b>D</b> 37; <b>E</b> 25	B-0704	<b>D</b> 39; <b>E</b> 28
B-0520-F1-F20	<b>D</b> 30	B-0650-02	<b>D</b> 33; <b>E</b> 23	B-0667-RGHM	<b>D</b> 37; <b>E</b> 25	B-0706	<b>D</b> 39; <b>E</b> 28
B-0521	<b>D</b> 30; <b>P</b> 5	B-0650-BSTP	<b>D</b> 33; <b>E</b> 23	B-0667-RGHM24	<b>D</b> 37; <b>E</b> 25	B-0707	<b>D</b> 39; <b>E</b> 28
B-0522	<b>D</b> 30	B-0650-BSTR	<b>D</b> 33; <b>E</b> 23	B-0668-P0L	<b>D</b> 37; <b>E</b> 25	B-0708	<b>D</b> 39; <b>E</b> 28
B-0523	<b>D</b> 30	B-0650-POL	<b>D</b> 33; <b>E</b> 23	B-0668-RGH	<b>D</b> 37; <b>E</b> 25	B-0709	<b>D</b> 39; <b>E</b> 28
B-0524	<b>D</b> 30	B-0650-RGH	<b>D</b> 33; <b>E</b> 23	B-0669-01	<b>D</b> 37; <b>E</b> 26	B-0709-JJ	<b>D</b> 39; <b>E</b> 28
B-0525	<b>D</b> 30	B-0651-06	<b>D</b> 34; <b>E</b> 24	B-0669-POL	<b>D</b> 37; <b>E</b> 26	B-0710	<b>D</b> 40; <b>E</b> 29
B-0526-2	<b>D</b> 30	B-0651-POL	<b>D</b> 34; <b>E</b> 24	B-0669-RGH	<b>D</b> 37; <b>E</b> 26	B-0710-01	<b>D</b> 40; <b>E</b> 29
B-0526-3	<b>D</b> 29	B-0651-RGH	<b>D</b> 34; <b>E</b> 24	B-0670-01	<b>D</b> 37; <b>E</b> 26	B-0710-WS	<b>D</b> 40; <b>E</b> 29
B-0526-4	<b>D</b> 29	B-0652	<b>D</b> 34; <b>E</b> 24	B-0670-POL	<b>D</b> 37; <b>E</b> 26	B-0711	<b>D</b> 40; <b>E</b> 29
B-0526-5	<b>D</b> 29	B-0653	<b>D</b> 39; <b>E</b> 28	B-0670-RGH	<b>D</b> 37; <b>E</b> 26	B-0712	<b>D</b> 24
B-0527	<b>D</b> 29; <b>P</b> 5	B-0654	<b>D</b> 39; <b>E</b> 28	B-0671-POL	<b>D</b> 37; <b>E</b> 26	B-0712-01	<b>D</b> 24; <b>E</b> 29
B-0528	<b>D</b> 30	B-0655-01	<b>D</b> 34; <b>E</b> 24	B-0671-RGH	<b>D</b> 37; <b>E</b> 26	B-0712-01VRS	<b>D</b> 24; <b>E</b> 29
B-0529	<b>D</b> 30	B-0655-02	<b>D</b> 34; <b>E</b> 24	B-0672-P0L	<b>D</b> 37; <b>E</b> 26	B-0712-4DP	<b>D</b> 24
B-0529-01	<b>D</b> 30	B-0655-BSTP	<b>D</b> 32; <b>E</b> 24	B-0672-RGH	<b>D</b> 37; <b>E</b> 26	B-0712-ESC	<b>D</b> 24
B-0535	<b>D</b> 31	B-0655-BSTR	<b>D</b> 32; <b>E</b> 24	B-0673-P0L	<b>D</b> 37; <b>E</b> 26	B-0712-F05	<b>D</b> 24
B-0536	<b>D</b> 31	B-0655-POL	<b>D</b> 32; <b>E</b> 24	B-0673-RGH	<b>D</b> 37; <b>E</b> 26	B-0712-PA	<b>D</b> 22; <b>E</b> 29
B-0541	<b>B</b> 7	B-0655-RGH	<b>D</b> 32; <b>E</b> 24	B-0674-BSTP	D38; <b>E</b> 27	B-0712-VF05	<b>D</b> 24
B-0542	<b>B</b> 7	B-0656-POL	<b>D</b> 32; <b>E</b> 24	B-0674-BSTPM	<b>D</b> 38; <b>E</b> 27	B-0712-WA	<b>D</b> 26
B-0546	<b>D</b> 30	B-0656-RGH	<b>D</b> 34; <b>E</b> 24	B-0674-BSTR	D38; <b>E</b> 27	B-0712-WS	<b>D</b> 24
B-0575	<b>B</b> 8	B-0657	<b>D</b> 35; <b>E</b> 24	B-0674-BSTRM	<b>D</b> 38; <b>E</b> 27	B-0713	<b>D</b> 24; <b>E</b> 29
B-0576	<b>B</b> 8	B-0657-01	<b>D</b> 35; <b>E</b> 24	B-0674-P0L	<b>D</b> 38; <b>E</b> 27	B-0715	<b>D</b> 40; <b>E</b> 28
B-0577	<b>B</b> 8	B-0657-BST	<b>D</b> 35; <b>E</b> 24	B-0674-POLM	<b>D</b> 38; <b>E</b> 27	B-0716	<b>D</b> 40; <b>E</b> 28
B-0577-09	<b>B</b> 8	B-0658	<b>D</b> 35; <b>E</b> 26	B-0674-RGH	D38; <b>E</b> 27	B-0717	<b>D</b> 40; <b>E</b> 28
B-0578	<b>B</b> 8	B-0659	<b>D</b> 38; <b>E</b> 22	B-0674-RGHM	<b>D</b> 38; <b>E</b> 27	B-0718	<b>D</b> 40; <b>E</b> 28
B-0578-01	<b>B</b> 8	B-0660-BSTP	<b>D</b> 35; <b>E</b> 25	B-0674-RGHM24	<b>D</b> 38; <b>E</b> 27	B-0720	<b>D</b> 40; <b>E</b> 29
B-0579	<b>B</b> 8	B-0660-BSTR	<b>D</b> 35; <b>E</b> 25	B-0675	<b>D</b> 41	B-0720-RGH	<b>D</b> 40; <b>E</b> 29
B-0579-01	<b>B</b> 8	B-0660-POL	<b>D</b> 35; <b>E</b> 25	B-0676	<b>D</b> 41	B-0730	<b>D</b> 40; <b>E</b> 29
B-0580	<b>B</b> 9	B-0660-RGH	<b>D</b> 35; <b>E</b> 25	B-0676-54V	<b>D</b> 41	B-0730-POL	<b>D</b> 40; <b>E</b> 29
B-0581	<b>B</b> 9	B-0661-P0L	<b>D</b> 35; <b>E</b> 25	B-0677	<b>D</b> 41	B-0731-P0L	<b>D</b> 40; <b>E</b> 29
B-0584	<b>B</b> 9	B-0661-RGH	<b>D</b> 35; <b>E</b> 25	B-0678	<b>D</b> 41	B-0736	<b>D</b> 40; <b>E</b> 29
B-0585	<b>B</b> 9	B-0662	<b>D</b> 35; <b>E</b> 25	B-0679	<b>D</b> 41	B-0736-P0L	<b>D</b> 40; <b>E</b> 29
B-0590	<b>B</b> 9	B-0664	<b>D</b> 36; <b>E</b> 25	B-0680-ST	<b>D</b> 42	B-0737	<b>D</b> 40; <b>E</b> 29
B-0591	<b>B</b> 9	B-0664-01	<b>D</b> 36; <b>E</b> 25	B-0682	<b>D</b> 42	B-0737-P0L	<b>D</b> 40; <b>E</b> 29
B-0592	<b>B</b> 9	B-0664-02	<b>D</b> 36; <b>E</b> 25	B-0682-ST	<b>D</b> 42	B-0800	<b>D</b> 23
B-0592-CR	<b>B</b> 9	B-0665-BSTP I	<b>D</b> 36; <b>E</b> 26; <b>P</b> 7	B-0685	<b>D</b> 41	B-0800-PA	<b>D</b> 22
B-0594	<b>B</b> 9, 10	B-0665-BSTP-963	<b>D</b> 36; <b>E</b> 26	B-0686	<b>D</b> 41	B-0805	<b>D</b> 23
B-0597	<b>B</b> 10	B-0665-BSTP-CVB	<b>D</b> 36; <b>E</b> 26	B-0687	<b>D</b> 41	B-0805-01	<b>D</b> 23
B-0597-CR	<b>B</b> 10	B-0665-BSTPM	<b>D</b> 36; <b>E</b> 26	B-0690	<b>D</b> 42	B-0805-F05	<b>D</b> 23
B-0597-JJ	<b>B</b> 10	B-0665-BSTPM24	<b>D</b> 36; <b>E</b> 26	B-0691	<b>D</b> 42	B-0805-PA	<b>D</b> 22
B-0598	<b>B</b> 10	B-0665-BSTR	<b>D</b> 36; <b>E</b> 26	B-0692	<b>D</b> 38; <b>E</b> 27	B-0805-VF05	<b>D</b> 23
B-0599-CR	<b>B</b> 10	B-0665-BSTR-963	<b>D</b> 36; <b>E</b> 26	B-0693-P0L	<b>D</b> 38; <b>E</b> 27	B-0805-VR-LDP	<b>D</b> 23
B-0600	<b>B</b> 10	B-0665-BSTR-CVB	<b>D</b> 36; <b>E</b> 26	B-0695	<b>D</b> 38; <b>E</b> 27	B-0805-WS	<b>D</b> 23
B-0601	<b>B</b> 10	B-0665-BSTRM	<b>D</b> 36; <b>E</b> 26	B-0695-ST	<b>D</b> 38; <b>E</b> 27	B-0806	<b>D</b> 23
B-0605	<b>B</b> 10	B-0665-BSTRM12	<b>D</b> 36; <b>E</b> 26	B-0697	<b>D</b> 38; <b>E</b> 27	B-0806-DP-F20	<b>D</b> 23
B-0606	<b>B</b> 10	B-0665-CR-BSTR	<b>D</b> 36; <b>E</b> 26	B-0698	<b>D</b> 38; <b>E</b> 27	B-0807	<b>D</b> 23
B-0610	<b>B</b> 10	B-0665-POL	<b>D</b> 36; <b>E</b> 26	B-0699	<b>D</b> 38; <b>E</b> 27	B-0807-01	<b>D</b> 23
B-0610-JJ	<b>B</b> 10	B-0665-RGH	<b>D</b> 36; <b>E</b> 26	B-0699-ST	<b>D</b> 38; <b>E</b> 27	B-0807-PA	<b>D</b> 22
B-0611	<b>B</b> 10	B-0666-POL	<b>D</b> 36; <b>E</b> 26	B-0700	<b>D</b> 39; <b>E</b> 28	B-0807-WS	<b>D</b> 23
B-0618-01	<b>D</b> 39; <b>E</b> 28	B-0666-RGH	<b>D</b> 36; <b>E</b> 26	B-0700-LT-CR-K	<b>D</b> 39; <b>E</b> 28	B-0808	<b>D</b> 23
		•		•		•	



							G-10
Model No. Section	& Page	Model No. Section	& Page	Model No.	Section & Page	Model No. Sec	tion & Page
B-0830	<b>D</b> 24	B-0890-F05	<b>D</b> 18	B-0933-ST	<b>D</b> 48	B-1105	<b>c</b> 27, 28
B-0831	<b>D</b> 24	B-0890-M	<b>D</b> 18	B-0937	<b>D</b> 49	B-1105-LN	<b>c</b> 27, 28
B-0831-01	<b>D</b> 24	B-0890-QT	<b>D</b> 18	B-0938	<b>D</b> 49	B-1105-LNM	<b>C</b> 27
B-0831-F05	<b>D</b> 24	B-0890-QT-WS	<b>D</b> 18	B-0940	<b>D</b> 49	B-1105-M	<b>C</b> 28
B-0831-PA	<b>D</b> 22	B-0890-VF05	<b>D</b> 18	B-0950	<b>A</b> 31; <b>D</b> 43	B-1106	<b>c</b> 27, 28
B-0831-VF05	<b>D</b> 24	B-0890-VF05-QT	<b>D</b> 18	B-0950-01	<b>A</b> 31	B-1107	<b>c</b> 27, 28
B-0831-VR	<b>D</b> 24	B-0890-VRS	<b>D</b> 18	B-0950-54H	<b>A</b> 31	B-1108	<b>c</b> 27, 28
B-0831-WA	<b>D</b> 26	B-0890-WS	<b>D</b> 18	B-0955	<b>A</b> 30; <b>D</b> 43	B-1110	<b>c</b> 27, 29
B-0831-WS	<b>D</b> 24	B-0891	<b>D</b> 18	B-0956	<b>A</b> 31; <b>D</b> 43	B-1110-LN	<b>c</b> 27, 29
B-0833	<b>D</b> 24	B-0892	<b>D</b> 16	B-0957	<b>A</b> 30; <b>D</b> 43	B-1110-LN-WH4	<b>C</b> 27
B-0833-01	<b>D</b> 24	B-0892-01	<b>D</b> 16	B-0962	<b>E</b> 20	B-1110-LNM	<b>c</b> 27
B-0834	<b>D</b> 24	B-0892-01-CR	<b>D</b> 16	B-0963	<b>E</b> 20; <b>P</b> 7	B-1110-M	<b>c</b> 27, 29
B-0834-01	<b>D</b> 24	B-0892-01CR-L22	<b>D</b> 17	B-0965	<b>E</b> 20	B-1110-QT	<b>c</b> 27, 29
B-0836	<b>D</b> 25	B-0892-01-WS	<b>D</b> 16	B-0968	<b>E</b> 20	B-1110-XS	<b>c</b> 27, 29
B-0836-01	<b>D</b> 25	B-0892-01QT	<b>D</b> 17	B-0968-HA	<b>E</b> 20	B-1110-XS-LN	<b>c</b> 27
B-0837	<b>D</b> 25	B-0892-122X-LAM	<b>D</b> 16	B-0969	<b>E</b> 20	B-1110-XS-LNM	<b>C</b> 27
B-0837-01	<b>D</b> 25	B-0892-133X	<b>D</b> 17	B-0970-FE	<b>A</b> 40; <b>B</b> 6	B-1111	<b>c</b> 27, 29
B-0837-PA	<b>D</b> 25	B-0892-135X	<b>D</b> 17	B-0973	<b>D</b> 43	B-1111-M	<b>c</b> 27, 29
B-0842	<b>D</b> 23	B-0892-CR	<b>D</b> 16	B-0974	<b>D</b> 43	B-1111-XS	<b>c</b> 27, 29
B-0850	<b>D</b> 19	B-0892-CR-HW	<b>D</b> 17	B-0975-GH	<b>E</b> 20	B-1112	<b>c</b> 27, 29
B-0855	<b>D</b> 19	B-0892-CR-LF05	<b>D</b> 16	B-1020	<b>D</b> 44	B-1112-M	<b>c</b> 27, 29
B-0865	<b>D</b> 13	B-0892-CR-WS	<b>D</b> 16	B-1025	<b>D</b> 44	B-1112-XS	<b>c</b> 27, 29
B-0865-04	<b>D</b> 13	B-0892-F05	<b>D</b> 16	B-1025-1	<b>D</b> 44	B-1113	<b>c</b> 27, 29
B-0865-04L	<b>D</b> 13	B-0892-F1-CR-SC	<b>D</b> 16	B-1025-ST	<b>D</b> 44; <b>E</b> 21	B-1113-M	<b>c</b> 27, 29
B-0866	<b>D</b> 13	B-0892-FC	<b>D</b> 16	B-1026-1	<b>D</b> 44	B-1113-XS	<b>c</b> 27, 29
B-0866-04	<b>D</b> 13	B-0892-LF12-CR4	<b>D</b> 17	B-1027	<b>D</b> 44	B-1115	<b>c</b> 29, 30
B-0866-PV	<b>D</b> 13	B-0892-LF22	<b>D</b> 16	B-1027-UCP	<b>D</b> 44	B-1115-LN	<b>c</b> 29, 30
B-0867-04	<b>D</b> 13	B-0892-LN	<b>D</b> 17	B-1028	<b>D</b> 44	B-1115-LNM	<b>C</b> 30
B-0867-04L	<b>D</b> 13	B-0892-LN-QT	<b>D</b> 17	B-1029	<b>D</b> 44	B-1115-M	<b>c</b> 29, 30
B-0867-04-WS	<b>D</b> 13	B-0892-M	<b>D</b> 16	B-1029-1	<b>D</b> 44	B-1115-XS	<b>c</b> 29, 30
B-0868-04	<b>D</b> 13	B-0892-QT-F05	<b>D</b> 17	B-1029-2	<b>D</b> 44	B-1116	<b>c</b> 29, 30
B-0868-04L	<b>D</b> 13	B-0892-QT-LF16	<b>D</b> 17	B-1029-PA	<b>D</b> 44	B-1116-M	<b>c</b> 29, 30
B-0869-04	<b>D</b> 13	B-0892-QT-VF05	<b>D</b> 17	B-1035	<b>D</b> 44	B-1117	<b>c</b> 29, 30
B-0870	<b>D</b> 21	B-0892-QT-WS	<b>D</b> 17	B-1035-ST	<b>D</b> 44; <b>E</b> 21	B-1117-M	<b>c</b> 29, 30
B-0870-CR	<b>D</b> 21	B-0892-VF05	<b>D</b> 16	B-1090	<b>D</b> 45	B-1118	<b>c</b> 29, 30
B-0871	<b>D</b> 21	B-0892-VF05G	<b>D</b> 17	B-1091	<b>D</b> 45	B-1118-M	<b>c</b> 29, 30
B-0871-CR	<b>D</b> 21	B-0892-VRS	<b>D</b> 16	B-1092	<b>D</b> 45	B-1120	<b>c</b> 29, 30
B-0871CR-PRISON	<b>D</b> 21	B-0892-WA	<b>D</b> 26	B-1095	<b>D</b> 45	B-1120-F22	<b>c</b> 29, 30
B-0871-CR-WS	<b>D</b> 21	B-0892-WS	<b>D</b> 16	B-1097	<b>D</b> 45	B-1120-LN	<b>c</b> 29, 30
B-0871-F05	<b>D</b> 21	B-0893	<b>D</b> 16	B-10K	<b>A</b> 44; <b>E</b> 18	B-1120-LN-WH4	<b>C</b> 30
B-0871-M	<b>D</b> 21	B-0894	<b>D</b> 18	B-10K-C	<b>A</b> 41	B-1120-LNM	<b>C</b> 30
B-0871-VF05	<b>D</b> 21	B-0895	<b>D</b> 18	B-10K-J	<b>A</b> 41	B-1120-M	<b>c</b> 29, 30
B-0871-VR-CH-QT	<b>D</b> 21	B-0898	<b>D</b> 20	B-1100	<b>c</b> 27, 28	B-1120-QT	<b>c</b> 29, 30
B-0871-VRS	<b>D</b> 21	B-0898-0F	<b>D</b> 20	B-1100-K	<b>C</b> 11, 40; <b>D</b> 65, 75	B-1120-XS	<b>c</b> 29, 30
B-0871-WS	<b>D</b> 21	B-0899	<b>D</b> 20	B-1100-LN	<b>c</b> 27, 28	B-1120-XS-LN	<b>C</b> 30
B-0873	<b>D</b> 21	B-0900	<b>D</b> 45	B-1100-LNM	<b>C</b> 27	B-1120-XS-LNM	<b>c</b> 30
B-0874	<b>D</b> 21	B-0921	<b>D</b> 48	B-1100-M	<b>C</b> 27	B-1121	<b>c</b> 29, 30
B-0874-M	<b>D</b> 21	B-0925	<b>D</b> 48	B-1101	<b>c</b> 27, 28	B-1121-M	<b>c</b> 29, 30
B-0877	<b>D</b> 21	B-0926	<b>D</b> 48	B-1102	<b>c</b> 27, 28	B-1121-XS	<b>c</b> 29, 30
B-0885	<b>D</b> 19	B-0929	<b>E</b> 20	B-1102-M	<b>C</b> 28	B-1120-XS-LN	<b>C</b> 30
B-0890	<b>D</b> 13	B-0929-A	<b>E</b> 20	B-1103	<b>c</b> 27, 28	B-1120-XS-LNM	<b>C</b> 30
B-0890-CR-WS	<b>D</b> 18	B-0930	<b>D</b> 49	B-1103-M	<b>C</b> 28	B-1121	<b>C</b> 30
		I		l		I	



							G-10
Model No. Sect	tion & Page	Model No. Secti	ion & Page	Model No. Sect	ion & Page	Model No. Section	on & Page
B-1121-M	<b>c</b> 30	B-1152-092A-VB	<b>C</b> 32	B-1344	<b>D</b> 65	B-17K	<b>c</b> 37
B-1121-XS	<b>c</b> 30	B-1156	<b>c</b> 32	B-1345	<b>D</b> 65	B-18K	<b>D</b> 67
B-1122	<b>c</b> 29, 30	B-1157	<b>c</b> 32	B-1346	<b>D</b> 65	B-1958	<b>D</b> 36; <b>E</b> 26
B-1122-M	<b>c</b> 29, 30	B-1157-12	<b>c</b> 32	B-1350	<b>D</b> 65	B-19K	<b>C</b> 40; <b>D</b> 67
B-1122-XS	<b>c</b> 29, 30	B-1171	<b>C</b> 32; <b>P</b> 3	B-1351	<b>D</b> 65	B-20K	<b>c</b> 40
B-1123	<b>c</b> 29, 30	B-1171-07	<b>C</b> 32	B-1355	<b>D</b> 65	B-2187	<b>A</b> 17
B-1123-M	<b>c</b> 29, 30	B-1172	<b>C</b> 32; <b>P</b> 3	B-13K	<b>C</b> 37; <b>D</b> 66	B-2187-01	<b>A</b> 17
B-1123-XS	<b>c</b> 29, 30	B-1172-01-CD	<b>C</b> 32	B-1410	<b>A</b> 33	B-2180	<b>A</b> 17
B-1124	<b>c</b> 29	B-1172-02	<b>P</b> 3	B-1411	<b>A</b> 33	B-2194	<b>A</b> 17
B-1125	<b>c</b> 29, 31	B-1172-07	<b>C</b> 32	B-1412	<b>A</b> 33	B-2223	<b>A</b> 17
B-1125-LN	<b>c</b> 29, 31	B-1173-101-48H	<b>C</b> 32	B-1413	<b>B</b> 6	B-2261	<b>A</b> 17
B-1125-LNM	<b>c</b> 31	B-1174	<b>P</b> 4	B-1420	<b>A</b> 34	B-2261-B	<b>A</b> 17
B-1125-M	<b>c</b> 29, 31	B-1176	<b>P</b> 4	B-1421	<b>A</b> 34	B-2271	<b>D</b> 38; <b>E</b> 27
B-1125-XS-HM	<b>c</b> 31	B-1177	<b>C</b> 32	B-1422	<b>A</b> 34	B-2271-CR	<b>D</b> 38; <b>E</b> 27
B-1126	<b>c</b> 29, 31	B-1193	<b>C</b> 32	B-1423	<b>A</b> 34	B-2278	<b>A</b> 15
B-1126-M	<b>c</b> 29, 31	B-11K	<b>C</b> 37; <b>D</b> 66	B-1424	<b>A</b> 34; <b>B</b> 6	B-2278-01	<b>A</b> 15
B-1126-XS	<b>c</b> 29	B-1200	<b>B</b> 3, 4	B-1425	<b>A</b> 34	B-2278-01-CR	<b>A</b> 15
B-1127	<b>c</b> 29, 31	B-1200-M	<b>B</b> 4	B-1426	<b>A</b> 34	B-2278-02	<b>A</b> 15
B-1127-M	<b>c</b> 29, 31	B-1201	<b>B</b> 4	B-1427	<b>A</b> 34	B-2278-02-CR	<b>A</b> 15
B-1128	<b>c</b> 29, 31	B-1202	<b>B</b> 4	B-1428	<b>A</b> 34	B-2278-03	<b>A</b> 15
B-1128-M	<b>c</b> 29, 31	B-1204	<b>B</b> 4	B-1430	<b>E</b> 10, 14	B-2278-03-CR	<b>A</b> 15
B-1128-XS	<b>c</b> 29, 31	B-1205	<b>B</b> 3, 4	B-1431	<b>E</b> 10	B-2278-0440-CR	<b>A</b> 15
B-1130	<b>c</b> 28	B-1205-M	<b>B</b> 4	B-1432	<b>E</b> 10, 14	B-2278-A12CRCEL	<b>A</b> 15
B-1131	<b>c</b> 27, 29	B-1210	<b>B</b> 3, 4	B-1432-01	<b>E</b> 10	B-2278-ADF	<b>A</b> 15
B-1131-XS	<b>c</b> 27, 29	B-1210-01	<b>B</b> 4	B-1432-7122-C01	<b>E</b> 10	B-2278-B9	<b>A</b> 15
B-1132	<b>c</b> 29, 30	B-1210-01M	<b>B</b> 4	B-1433	<b>E</b> 10, 14, 17	B-2278-CR	<b>A</b> 15
B-1135	<b>c</b> 27, 28	B-1210-12	<b>B</b> 4	B-1433-01	<b>E</b> 11, 14	B-2278-CR-C-EL	<b>A</b> 15
B-1136	<b>c</b> 29, 30	B-1210-M	<b>B</b> 4	B-1433-01M-QDS	<b>E</b> 14	B-2280	<b>C</b> 17, 21
B-1137	<b>C</b> 29, 31	B-1211	<b>B</b> 4	B-1433-02	<b>E</b> 11, 14	B-2280-060X	<b>C</b> 21
B-1140	<b>C</b> 27, 28	B-1215	<b>B</b> 4	B-1433-04	<b>E</b> 11, 14	B-2282	<b>B</b> 7
B-1141	<b>c</b> 27, 29	B-1220	<b>B</b> 3, 4	B-1433-05	<b>E</b> 11	B-2282-01	<b>B</b> 7
B-1141-XS	<b>c</b> 27, 29	B-1222	<b>B</b> 4	B-1433-06	<b>E</b> 11	B-2282-01-F05	<b>B</b> 7
B-1142	<b>c</b> 29, 30	B-1225	<b>B</b> 3, 4	B-1433-7132-01M	<b>E</b> 11, 14	B-2282-01-M10	<b>B</b> 7
B-1142-04	<b>c</b> 30	B-1230	<b>B</b> 3, 5	B-1433-CR	<b>E</b> 14	B-2282-F03	<b>B</b> 7
B-1142-04A-QT	<b>c</b> 29, 30	B-1230-12	<b>B</b> 5	B-1433-CR-SC	<b>E</b> 11	B-2282-F05	<b>B</b> 7
B-1142-XS	<b>c</b> 29, 30	B-1231	<b>B</b> 5	B-1433-CR-QDS	<b>E</b> 14	B-2282-F07	<b>B</b> 7
B-1145	<b>C</b> 27, 28	B-1235	<b>B</b> 5	B-1433-CR-SC-T	<b>E</b> 14	B-2282-F10	<b>B</b> 7
B-1146	<b>C</b> 29, 31	B-1240	<b>B</b> 5	B-1434-RG	<b>E</b> 11, 14	B-2282-F12	<b>B</b> 7
B-1146-01	<b>C</b> 31; <b>P</b> 4	B-1255	<b>B</b> 15	B-1433-SC01	<b>E</b> 11	B-2282-F15	<b>B</b> 7
B-1146-01A	<b>C</b> 31	B-1256	<b>B</b> 15	B-1436	<b>E</b> 12, 15	B-2282-F20	<b>B</b> 7
B-1146-01A-W4EK		B-1260	<b>B</b> 5	B-1437	<b>E</b> 12	B-2282-F25	<b>B</b> 7
B-1146-01-WS	<b>C</b> 31	B-12K	<b>C</b> 37	B-1438	<b>E</b> 12	B-2283	<b>C</b> 17
B-1146-02A	<b>C</b> 31	B-1305	<b>D</b> 64	B-1439	<b>E</b> 12, 15	B-2283-065X	<b>C</b> 21
B-1146-02A-WH4	<b>C</b> 31	B-1305-01	<b>D</b> 64	B-1444	<b>E</b> 12, 15	B-2283-CR	<b>C</b> 21
B-1146-04	<b>C</b> 29, 31; <b>P</b> 3	B-1306	<b>D</b> 64	B-1444-CV	<b>E</b> 12, 15	B-2285	<b>A</b> 18
B-1146-WS	<b>C</b> 31	B-1306-01	<b>D</b> 64	B-1453	<b>E</b> 12, 15	B-2285-B	<b>A</b> 18
B-1146-XS	<b>c</b> 29, 31	B-1311	<b>D</b> 64	B-1454	<b>E</b> 12, 17	B-2285-BC	<b>A</b> 27
B-1147	<b>C</b> 29, 31	B-1336	<b>D</b> 64	B-1457	<b>E</b> 16	B-2288	<b>A</b> 13
B-1148	<b>C</b> 30	B-1340	<b>D</b> 65	B-1458	<b>E</b> 12, 16	B-2289	<b>C</b> 29, 31
B-1151	<b>C</b> 32	B-1341	<b>D</b> 65	B-1459	<b>E</b> 13, 16	B-2291	<b>C</b> 31
B-1152	<b>C</b> 32	B-1342	<b>D</b> 65	B-1480	<b>E</b> 13	B-2299	C22
B-1152-092A	<b>C</b> 32	B-1343	<b>D</b> 65	B-15K	<b>D</b> 66	B-2301	<b>D</b> 40; <b>E</b> 29



							G-10
Model No. Sec	tion & Page	Model No. Section	n & Page	Model No. Section	a & Page	Model No.	Section & Page
B-2312	<b>B</b> 11	B-2711-WS	<b>D</b> 4	B-2865-04L	<b>D</b> 14	B-2990-WS	<b>D</b> 20
B-2320	<b>D</b> 20	B-2730	<b>D</b> 4; <b>P</b> 3	B-2865-05	<b>D</b> 14	B-2991	<b>D</b> 25
B-2331	<b>B</b> 12	B-2730-07	<b>D</b> 4; <b>P</b> 3	B-2865-05-120XA	<b>D</b> 14	B-2991-P	<b>D</b> 25
B-2338	<b>A</b> 18	B-2730-3H	<b>D</b> 4	B-2865-05-133XA	<b>D</b> 14	B-2991-PA	<b>D</b> 23
B-2338-08C	<b>A</b> 18	B-2730-DRK	<b>D</b> 66	B-2865-05CR	<b>D</b> 14	B-2991-WA	<b>D</b> 26
B-2338-CR	<b>A</b> 18	B-2730-LH	<b>D</b> 4; <b>P</b> 3	B-2865-05-WS	<b>D</b> 14	B-2991-WH4	<b>D</b> 25
B-2339	<b>E</b> 13, 17	B-2730-WS	<b>D</b> 4	B-2865-06	<b>D</b> 14	B-2991-WS	<b>D</b> 25
B-2339-02	<b>E</b> 13, 17	B-2731	<b>D</b> 4	B-2866	<b>D</b> 15	B-2992	<b>D</b> 20
B-2339-LR	<b>E</b> 17	B-2731-LF15	<b>D</b> 4	B-2866-01	<b>D</b> 14	B-2992-180F	<b>D</b> 20
B-2342	<b>C</b> 17, 22	B-2731-LH	<b>D</b> 4	B-2866-01QT-VRF	<b>D</b> 14	B-2992-L	<b>D</b> 20
B-2343	<b>B</b> 8	B-2731-VF05	<b>D</b> 4	B-2866-04	<b>D</b> 15	B-2992-P	<b>D</b> 20
B-2346	<b>C</b> 33	B-2731-WS	<b>D</b> 4	B-2866-04-01QT	<b>D</b> 15	B-2992-PWH4	<b>D</b> 20
B-2347	<b>D</b> 15	B-2740	<b>D</b> 5	B-2866-04L	<b>D</b> 15	B-2992-WH4	<b>D</b> 20
B-2347-05-LVR	<b>D</b> 15	B-2741	<b>D</b> 4	B-2866-04VRS	<b>D</b> 15	B-3200	<b>D</b> 3, 46
B-2349	<b>A</b> 18	B-2742	<b>D</b> 4	B-2866-05	<b>D</b> 14	B-3201	<b>D</b> 3, 46
B-2358	<b>C</b> 22	B-2742-A22	<b>D</b> 4	B-2866-05-LF15	<b>D</b> 14	B-3204	<b>D</b> 3, 46
B-2360	<b>D</b> 31	B-2742-LF05	<b>D</b> 4	B-2866-05-WA	<b>D</b> 26	B-3204-PBV	<b>D</b> 3, 46
B-2360-01	<b>D</b> 31	B-2742-LH	<b>D</b> 4	B-2866-05FC	<b>D</b> 14	B-3205	<b>D</b> 3, 46
B-2360-01-AR	<b>D</b> 31	B-2743	<b>D</b> 4; <b>P</b> 3	B-2866-05FC-QT	<b>D</b> 14	B-3206	<b>D</b> 3, 46
B-2360-01-PA	<b>D</b> 31	B-2744	<b>D</b> 4	B-2866-05QT	<b>D</b> 14	B-3206-VB	<b>D</b> 3, 46
B-2360-02	<b>D</b> 31	B-2745	<b>D</b> 5	B-2866-05QT-VRS	<b>D</b> 14	B-3300	<b>D</b> 3, 47
B-2360-03	<b>D</b> 31	B-2746	<b>D</b> 5	B-2866-05-WS	<b>D</b> 14	B-3301	<b>D</b> 3, 47
B-2360-04	<b>D</b> 31	B-2749	<b>D</b> 5	B-2866-F05	<b>D</b> 15	B-3304	<b>D</b> 3, 47
B-2360-AR	<b>D</b> 31	B-2760-H	<b>D</b> 24	B-2866-LF12-CR4	<b>D</b> 15	B-3304-PBV	<b>D</b> 3, 47
B-2386	<b>D</b> 14	B-2820	<b>D</b> 25	B-2866-QT-21VR	<b>D</b> 15	B-3305	<b>D</b> 3, 47
B-2387	<b>C</b> 6; <b>D</b> 70	B-2820-01	<b>D</b> 25	B-2866-QT-VF05	<b>D</b> 15	B-3306	<b>D</b> 3, 47
	1, 42; <b>C</b> 38, 40	B-2820-PA	<b>D</b> 23, 25	B-2866-QT-VF05G	<b>D</b> 15	B-3306-VB	<b>D</b> 3, 47
B-23K	A44; C40	B-2821	<b>D</b> 25, 25	B-2866-VF05	<b>D</b> 15	B-3940	<b>c</b> 33, 34
B-2455-C	A44, C40 A26	B-2821 B-2821-01	<b>D</b> 25	B-2867	<b>D</b> 15	B-3940-01	<b>c</b> 33, 34
B-2460	<b>D</b> 40; <b>E</b> 29	B-2823-02	<b>D</b> 25	B-2867-04	<b>D</b> 15	B-3942	<b>c</b> 33, 34
B-2464	<b>D</b> 40, <b>E</b> 29	B-2850	<b>D</b> 25			B-3942 B-3942-01	<b>c</b> 33, 34
B-2480	D39; <b>E</b> 27	В-2850-01	<b>D</b> 19	B-2867-04L	<b>D</b> 15 <b>D</b> 15	B-3945	<b>C</b> 34
	•			B-2867-04-F05		B-3943 B-3950	<b>C</b> 33, 34
B-2490	<b>D</b> 25	B-2850-F05	<b>D</b> 19	B-2867-04-LF15	<b>D</b> 15	B-3950-01	<b>c</b> 33, 34
B-2490-PA	<b>D</b> 22; <b>E</b> 29	B-2850-L	<b>D</b> 19	B-2867-04-VF05	<b>D</b> 15		<b>C</b> 33, 34
B-2501	<b>C</b> 19, 21	B-2850-VF05	<b>D</b> 19	B-2867-04-WS	<b>D</b> 15	B-3950-01-SB	<b>C</b> 34
B-2501-CR	<b>C</b> 21	B-2850-WH4	<b>D</b> 19	B-2868-04	<b>D</b> 15	B-3950-SB	
B-2701	<b>D</b> 5	B-2850-WS	<b>D</b> 19	B-2869-04	<b>D</b> 15	B-3950-VR	<b>C</b> 34
B-2701-AR	<b>D</b> 5	B-2851	<b>D</b> 19	B-2885	<b>D</b> 19	B-3950-XS	<b>C</b> 34
B-2701-VF05	<b>D</b> 5	B-2851-133X-VR	<b>D</b> 19	B-2955	<b>D</b> 20	B-3952	<b>c</b> 33, 34
B-2701-VR	<b>D</b> 5	B-2851-L	<b>D</b> 19	B-2970	<b>D</b> 21	B-3952-01	<b>c</b> 33, 34
B-2703	<b>D</b> 5	B-2852	<b>D</b> 19	B-2971	<b>D</b> 21	B-3952-VR	<b>C</b> 34
B-2703-LF15	<b>D</b> 5	B-2853-RSW-061X	<b>D</b> 19	B-2990	<b>D</b> 20	B-3960	<b>c</b> 33, 34
B-2703-VF05	<b>D</b> 5	B-2853-RSW-VR05	<b>D</b> 19	B-2990-175F	<b>D</b> 20	B-3960-01	<b>c</b> 33, 34
B-2710	<b>D</b> 4	B-2855	<b>D</b> 19	B-2990-180F	<b>D</b> 20	B-3962	<b>c</b> 33, 34
B-2710-LH	<b>D</b> 4	B-2855-01	<b>D</b> 19	B-2990-F05	<b>D</b> 20	B-3962-01	<b>c</b> 33, 34
B-2710-F05	<b>D</b> 4	B-2855-WS	<b>D</b> 19	B-2990-FL	<b>D</b> 20	B-3970	<b>c</b> 33, 34
B-2710-VF05	<b>D</b> 4	B-2859	<b>D</b> 19	B-2990-P	<b>D</b> 20	B-3970-01	<b>c</b> 33, 34
B-2710-WS	<b>D</b> 4	B-2862	<b>D</b> 14	B-2990-PWH4	<b>D</b> 20	B-3970-VR	<b>C</b> 34
B-2711	<b>D</b> 4	B-2862-WS	<b>D</b> 14	B-2990-VF05	<b>D</b> 20	B-3972	<b>c</b> 33, 34
B-2711-F05	<b>D</b> 4	B-2865	<b>D</b> 14	B-2990-WH4	<b>D</b> 20	B-3972-01	<b>c</b> 33, 34
B-2711-LH	<b>D</b> 4	B-2865-04	<b>D</b> 14	B-2990-WH4-QT	<b>D</b> 20	B-3990	<b>C</b> 35
B-2711-VF05	<b>D</b> 4	B-2865-04-WA	<b>D</b> 26	B-2990-WH4-WS	<b>D</b> 20	B-3990-01	<b>C</b> 35



							G-10
Model No. Section	on & Page	Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page
B-3990-01-BSP	<b>C</b> 35	B-7142-08H	<b>E</b> 4	B-7243-05	<b>E</b> 6	BL-4200-0	<b>D</b> 51
B-3990-01-3X	<b>C</b> 35	B-7142-08M	<b>E</b> 4	B-7243-08H	<b>E</b> 6	BL-4200-01	<b>D</b> 51
B-3990-01-5X	<b>C</b> 35	B-7142-10	<b>E</b> 4	B-7245-03	<b>E</b> 6	BL-4200-02	<b>D</b> 51
B-3990-01-BSP3X	<b>C</b> 35	B-7142-C01	<b>E</b> 5	B-7245-06	<b>E</b> 6	BL-4200-04	<b>D</b> 51
B-3990-01-BSP5X	<b>C</b> 35	B-7142-C01M	<b>E</b> 5	B-7245-NH	<b>E</b> 6	BL-4203-0	<b>D</b> 51
B-3990-3KIT	<b>C</b> 36	B-7142-C02	<b>E</b> 5	B-7K	<b>C</b> 37	BL-4203-01	<b>D</b> 51
B-3990-3X	<b>C</b> 35	B-7142-C05	<b>E</b> 5	B-9K	A41; C37; D66	BL-4203-02	<b>D</b> 51
B-3990-5KIT	<b>C</b> 36	B-7142-C08H	<b>E</b> 5	B-CVH1-2	A16 B11; C12;	BL-4203-04	<b>D</b> 51
B-3990-5X	<b>C</b> 35	B-7142-C08M	<b>E</b> 5		<b>D</b> 76; <b>E</b> 22	BL-4210-0	<b>D</b> 52
B-3990-BSP	<b>C</b> 35	B-7142-C10	<b>E</b> 5	B-CVH3-4	A16; B11; C12;	BL-4210-01	<b>D</b> 52
B-3990-BSP-3X	<b>C</b> 35	B-7212-01	<b>E</b> 6; <b>P</b> 5		<b>D</b> 76; <b>E</b> 22	BL-4210-02	<b>D</b> 52
B-3990-BSP-5X	<b>C</b> 35	B-7212-01M	<b>E</b> 6	B-CVV1-2	C12; D76; E22	BL-4250-01	<b>D</b> 52
B-3992	<b>C</b> 35	B-7212-02	<b>E</b> 6	B-CVV3-4	A22; B13; E22	BL-4250-02	<b>D</b> 52
B-3992-3X	<b>C</b> 35	B-7212-05	<b>E</b> 6	B-GFE	<b>C</b> 10, 11; <b>D</b> 74, 75	BL-4250-03	<b>D</b> 52
B-3992-5X	<b>C</b> 35	B-7212-08H	<b>E</b> 6	B-GH	<b>C</b> 10, 11; <b>D</b> 74, 75	BL-4250-04	<b>D</b> 52
B-3992-01	<b>C</b> 35	B-7212-08M	<b>E</b> 6	B-KF	<b>A</b> 40	BL-4250-05	<b>D</b> 52
B-3992-01-3X	<b>C</b> 35	B-7212-10	<b>E</b> 6	B-KG	<b>A</b> 40	BL-4250-06	<b>D</b> 52
B-3992-01-5X	<b>C</b> 35	B-7212-11	<b>E</b> 6	B-LT	<b>C</b> 10; <b>D</b> 74	BL-4250-07	<b>D</b> 52
B-3999-0F	<b>C</b> 34	B-7222-C01	<b>E</b> 7	B-PT	<b>C</b> 10; <b>D</b> 74	BL-4250-08	<b>D</b> 52
B-39K	<b>c</b> 34, 40	B-7222-C01M		B-PV	<b>D</b> 13	BL-4260-01	<b>D</b> 52
B-5K	<b>C</b> 37	B-7222-C02	<b>E</b> 7	B-SD	C7; D71	BL-4300-0	<b>D</b> 53
B-50P	<b>D</b> 67	B-7222-C05	<b>E</b> 7	B-SDA	C7; D71	BL-4300-01	<b>D</b> 53
B-6K	<b>C</b> 37; <b>D</b> 66	B-7222-C08H	<b>E</b> 7	B-TEE-EZK	A23, 32; C12	BL-4300-02	<b>D</b> 53
B-7102	<b>E</b> 3, 4	B-7222-C08M		B-TEE-RGD	A23, 32; C12	BL-4300-04	<b>D</b> 53
B-7102-01	<b>E</b> 3, 4	B-7222-C10	<b>E</b> 7	B-WH4	C7; D67, 71	BL-4350-01	<b>D</b> 53
B-7102-01M	<b>E</b> 3, 4	B-7222-C11	<b>E</b> 7	B-WH4-C	<b>C</b> 7; <b>D</b> 67, 71	BL-4355-01	<b>D</b> 53
B-7102-08H	<b>E</b> 3, 4	B-7232-01	<b>E</b> 6; <b>P</b> 5	B-WH4-H	C7; D67, 71	BL-4422-0	<b>D</b> 53
B-7102-08M	<b>E</b> 3, 4	B-7232-01M	<b>E</b> 6	B-WH6	<b>C</b> 7; <b>D</b> 67, 71	BL-4422-01	<b>D</b> 53
B-7112-01	<b>E</b> 4; <b>P</b> 5	B-7232-02	<b>E</b> 6	B-WH6-C	<b>C</b> 7; <b>D</b> 67, 71	BL-4500-01	<b>D</b> 53
B-7112-01M	<b>E</b> 4	B-7232-05	<b>E</b> 6	B-WH6-H	C7; D67, 71	BL-4500-02	<b>D</b> 53
B-7112-05	<b>E</b> 4	B-7232-08H	<b>E</b> 6	BF-0034-A	B13	BL-4500-04	<b>D</b> 53
B-7112-08H	<b>E</b> 4	B-7232-08M	<b>E</b> 6	BF-0062-X	<b>B</b> 13, 15	BL-4501-01	<b>D</b> 53
B-7112-08M	<b>E</b> 4	B-7232-10	<b>E</b> 6	BF-0135-X	<b>B</b> 15	BL-4520-01	<b>D</b> 53
B-7112-10	<b>E</b> 4	B-7232-11	<b>E</b> 6	BF-0136-X	<b>B</b> 15	BL-4520-02	<b>D</b> 53
B-7122-C01	<b>E</b> 5	B-7233-02	<b>E</b> 6	BF-0153-X	<b>B</b> 15	BL-4700-01	<b>D</b> 54
B-7122-C01M	<b>E</b> 5	B-7233-05	<b>E</b> 6	BF-0176	A22; B14	BL-4700-01	
B-7122-C02	<b>E</b> 5	B-7233-08H	<b>E</b> 6	BF-0178-A	<b>B</b> 13, 15	BL-4700-02	<b>D</b> 54
B-7122-C05	<b>E</b> 5	B-7242-01	<b>E</b> 6; <b>P</b> 5	BF-0400	<b>B</b> 13	BL-4705-01	<b>D</b> 55
B-7122-C08H	<b>E</b> 5	B-7242-01M	<b>E</b> 6	BF-0401	<b>B</b> 13	BL-4705-02	<b>D</b> 55
B-7122-C08M	<b>E</b> 5	B-7242-02	<b>E</b> 6	BF-0402	<b>B</b> 13	BL-4705-03	<b>D</b> 55
B-7122-C10	<b>E</b> 5	B-7242-05	<b>E</b> 6	BL-4000-01	<b>D</b> 51	BL-4710-01	<b>D</b> 54
B-7132-01	<b>E</b> 4; <b>P</b> 5	B-7242-08H	<b>E</b> 6	BL-4000-01M		BL-4710-02	<b>D</b> 54
B-7132-01M	E4	B-7242-08M	<b>E</b> 6	BL-4010-01W	<b>D</b> 51	BL-4710-02	<b>D</b> 54
B-7132-02	<b>E</b> 4	B-7242-10	<b>E</b> 6	BL-4100-0	<b>D</b> 51	BL-4720-01	<b>D</b> 54
B-7132-05	<b>E</b> 4	B-7242-C01	<b>E</b> 7	BL-4100-01	<b>D</b> 51	BL-4720-01M	
B-7132-08H	<b>E</b> 4	B-7242-C01M	<b>E</b> 7	BL-4100-01	<b>D</b> 51	BL-4720-01W	<b>D</b> 54
B-7132-08M	<b>E</b> 4	B-7242-C01W	<b>E</b> 7	BL-4100-02 BL-4100-03	<b>D</b> 51	BL-4720-02	
B-7132-06W	<b>E</b> 4	B-7242-C02 B-7242-C05	<b>E</b> 7	BL-4100-03 BL-4100-04	<b>D</b> 51	BL-4720-02WI	<b>D</b> 54
B-7142-01	<b>E</b> 4; <b>P</b> 5	B-7242-C03	<b>E</b> 7	BL-4100-04 BL-4100-05	<b>D</b> 51	BL-4720-03 BL-4730-03	<b>D</b> 54
B-7142-01M B-7142-02	<b>E</b> 4 <b>E</b> 4	B-7242-C08M B-7242-C10	<b>E</b> 7	BL-4102-0 BL-4102-01	<b>D</b> 51 <b>D</b> 51	BL-4740-03 BL-4750-03	<b>D</b> 55 <b>D</b> 55
B-7142-05	<b>E</b> 4	B-7243-02	<b>E</b> 6	BL-4102-02	<b>D</b> 51	BL-4750-05	<b>D</b> 55



							G-10
Model No. Section &	& Page	Model No. Section	ı & Page	Model No. Sec	ction & Page	Model No. Sec	tion & Page
BL-4750-06	<b>D</b> 55	BL-5707-10	<b>D</b> 64	EB-0107	<b>E</b> 5, 18; <b>P</b> 6	EC-FILTER	<b>D</b> 8, 11
BL-4750-07	<b>D</b> 55	BL-5709-01	<b>D</b> 59	EB-0107-035	<b>P</b> 6	EC-HARDWIRE	<b>D</b> 6, 11
BL-5000-01	<b>D</b> 61	BL-5709-02	<b>D</b> 59	EB-10K	<b>E</b> 18; <b>P</b> 2	EC-HYDROGEN	<b>D</b> 8, 11
BL-5000-02	<b>D</b> 61	BL-5709-04	<b>D</b> 59	EB-2322	<b>E</b> 5, 32; <b>P</b> 6	EC-TMV	<b>D</b> 8, 11
BL-5500-0	<b>D</b> 62	BL-5709-05	<b>D</b> 59	EC-3100	<b>D</b> 6, 7, 12	EW-7360B	<b>G</b> 4; <b>P</b> 8
BL-5500-03	<b>D</b> 62	BL-5709-08	<b>D</b> 59	EC-3100-120X	<b>D</b> 7	EW-7501	<b>G</b> 4; <b>P</b> 8
BL-5500-07	<b>D</b> 62	BL-5709-08WH4	<b>D</b> 59	EC-3100-5M-4DP	<b>D</b> 10	EW-7611	<b>G</b> 4; <b>P</b> 8
BL-5500-08	<b>D</b> 62	BL-5709-09	<b>D</b> 59	EC-3100-HG	<b>D</b> 7, 11	EW-7612	<b>G</b> 4; <b>P</b> 8
BL-5500-09	<b>D</b> 62	BL-5710-01	<b>D</b> 58	EC-3100-LF05	<b>D</b> 6	EW-7612LH	<b>G</b> 4; <b>P</b> 8
BL-5500-10	<b>D</b> 62	BL-5710-03	<b>D</b> 58	EC-3100-LF22	<b>D</b> 6, 7	EW-7651	<b>P</b> 8
BL-5505-07	<b>D</b> 62	BL-5710-07	<b>D</b> 58	EC-3100-LF22-SB	<b>D</b> 6, 8, 12	EW-8904	<b>G</b> 5; <b>P</b> 8
BL-5545-01	<b>D</b> 62	BL-5710-09	<b>D</b> 58	EC-3100-LN	<b>D</b> 7	EW-9082	<b>G</b> 4
BL-5550-01	<b>D</b> 62	BL-5715-01	<b>D</b> 58	EC-3100-SB	<b>D</b> 6	EW-9095	<b>G</b> 5
BL-5550-01F	<b>D</b> 62	BL-5715-02	<b>D</b> 58	EC-3100-SM	<b>D</b> 6, 10	EW-9201EF	<b>G</b> 5
BL-5550-04	<b>D</b> 63	BL-5715-08	<b>D</b> 58	EC-3100-SMT	<b>D</b> 6	EW-SP90	<b>G</b> 6
BL-5550-05	<b>D</b> 63	BL-5715-09	<b>D</b> 58	EC-3100-TMV	<b>D</b> 6, 7, 11	EW-SP131	<b>G</b> 6
BL-5550-09	<b>D</b> 63	BL-5725-01	<b>D</b> 58	EC-3100-VF05	<b>D</b> 5, 7, 11	EW-SP140	<b>G</b> 6
	<b>D</b> 51, 63	BL-5725-01	<b>D</b> 58	EC-3101	<b>D</b> 6, 7, 12	EW-SP170	<b>G</b> 6
BL-5550-12	<b>D</b> 63	BL-5725-02 BL-5725-08	<b>D</b> 58	EC-3101-HG	<b>D</b> 6, 7, 12 <b>D</b> 6, 7, 11	EW-SP225	<b>G</b> 6
	<b>D</b> 63		<b>D</b> 58			EW-SP509	
BL-5550-23		BL-5725-09		EC-3101-LF05 EC-3101-LF22	<b>D</b> 6		<b>G</b> 6 <b>D</b> 70
BL-5550-24	<b>D</b> 63	BL-5735-01	<b>D</b> 59		<b>D</b> 7	EZ-SWIVEL-CZ	<b>C</b> 6, <b>D</b> 70
BL-5550-30	<b>D</b> 63	BL-5735-02	<b>D</b> 59	EC-3101-LF22-SB	D8	EZ-SWIVEL-FM	<b>C</b> 6, <b>D</b> 70
BL-5560-01	<b>D</b> 64	BL-5735-09	<b>D</b> 59	EC-3101-LN	<b>D</b> 7	G016636-45	<b>E</b> 9; <b>P</b> 7
BL-5560-02	<b>D</b> 64	BL-5740-01	<b>D</b> 60	EC-3101-SB	<b>D</b> 6	G016637-45	<b>E</b> 9; <b>P</b> 7
BL-5561-02	<b>D</b> 64	BL-5740-02	<b>D</b> 60	EC-3101-TMV	<b>D</b> 6, 7, 11	G016652-45	<b>E</b> 9
BL-5561-03	<b>D</b> 64	BL-5740-08	<b>D</b> 60	EC-3101-VF05	<b>D</b> 7	G016737-45	<b>E</b> 9
BL-5700-01	<b>D</b> 56	BL-5750-01	<b>D</b> 60	EC-3102	<b>D</b> 6, 7, 12	HG-2C-24	<b>F</b> 5-8
BL-5700-02	<b>D</b> 56	BL-5755-01	<b>D</b> 60	EC-3102-HG	<b>D</b> 6, 7, 11, 12	HG-2C-24K	<b>F</b> 5-8
BL-5700-03	<b>D</b> 56	BL-5775-01	<b>D</b> 60	EC-3102-LF05	<b>D</b> 6	HG-2C-24S	<b>F</b> 5-8
BL-5700-04	<b>D</b> 56	BL-5775-08	<b>D</b> 60	EC-3102-LF22	<b>D</b> 7	HG-2C-24SK	<b>F</b> 5-8
BL-5700-08	<b>D</b> 56	BL-5800-02	<b>D</b> 60	EC-3102-SM	<b>D</b> 6, 10	HG-2C-36	<b>F</b> 5-8
BL-5700-08-VR	<b>D</b> 56	BL-5850-01	<b>D</b> 60	EC-3102-SMT	<b>D</b> 6	HG-2C-36K	<b>F</b> 5-8
BL-5700-09	<b>D</b> 56	BL-5850-01TL	<b>D</b> 60	EC-3102-TMV	<b>D</b> 6, 7, 11	HG-2C-36-PS	<b>F</b> 5-8
BL-5704-01	<b>D</b> 59	BL-5850-02	<b>D</b> 60	EC-3102-VF05	<b>D</b> 7	HG-2C-36S	<b>F</b> 5-8
BL-5704-02	<b>D</b> 57	BL-5860-01TL	<b>D</b> 60	EC-3103	<b>D</b> 6, 7, 8, 12	HG-2C-48	<b>F</b> 5-8
BL-5704-03	<b>D</b> 57	BL-6000-02	<b>D</b> 61	EC-3103-HG	<b>D</b> 8, 11, 12	HG-2C-48K	<b>F</b> 5-8
BL-5704-04	<b>D</b> 57	BL-6000-03	<b>D</b> 61	EC-3103-LF05	<b>D</b> 6	HG-2C-48-PS	<b>F</b> 8
BL-5704-05	<b>D</b> 57	BL-6005-02	<b>D</b> 61	EC-3103-LF22	<b>D</b> 8	HG-2C-48S	<b>F</b> 5-8
BL-5704-08	<b>D</b> 57	BL-6005-03	<b>D</b> 61	EC-3103-TMV	<b>D</b> 6, 7, 11	HG-2C-48SK	<b>F</b> 5-8
BL-5704-08WH4	<b>D</b> 57	BL-6050-01	<b>D</b> 61	EC-3103-VF05	<b>D</b> 8	HG-2C-60	<b>F</b> 5-8
BL-5704-09	<b>D</b> 57	BL-6050-02	<b>D</b> 61	EC-3106	<b>D</b> 6, 7, 12	HG-2C-60-PS	<b>F</b> 5-8
BL-5705-01	<b>D</b> 57	BL-9000-01	<b>D</b> 56	EC-3106-HG	<b>D</b> 8, 11, 12	HG-2C-72	<b>F</b> 5-8
BL-5705-02	<b>D</b> 57	BL-9000-05	<b>D</b> 56	EC-3106-VF05	<b>D</b> 6, 8	HG-2C-72K	<b>F</b> 5-8
BL-5705-03	<b>D</b> 57	BL-9000-09	<b>D</b> 56	EC-3106-TMV	<b>D</b> 6, 8, 11	HG-2D-24	<b>F</b> 5-8
BL-5705-04	<b>D</b> 57	BL-9000-10	<b>D</b> 56	EC-3122	<b>D</b> 6, 7, 9, 12	HG-2D-24K	<b>F</b> 5-8
BL-5705-08	<b>D</b> 57	BL-9005-01	<b>D</b> 56	EC-3122-4DP	<b>D</b> 9	HG-2D-24-PS	<b>F</b> 5-8
BL-5705-08-VR	<b>D</b> 57	BL-9505-01	<b>D</b> 61	EC-3122-8DP	<b>D</b> 9	HG-2D-24S	<b>F</b> 5-8
BL-5705-09	<b>D</b> 57	BL-9505-02	<b>D</b> 61	EC-3122-HG	<b>D</b> 9	HG-2D-24SK	<b>F</b> 5-8
BL-5707-01	<b>D</b> 58	BL-9515-01	<b>D</b> 61	EC-3122-VF05	<b>D</b> 9	HG-2D-36	<b>F</b> 5-8
BL-5707-03	<b>D</b> 59	BL-9515-02	<b>D</b> 61	EC-EASYWIRE	<b>D</b> 6, 11	HG-2D-36K	<b>F</b> 5-8
BL-5707-04	<b>D</b> 58	BL-9515-03	<b>D</b> 61	EC-EASYWIRE4CC	<b>D</b> 11	HG-2D-36-PS	<b>F</b> 5-8
BL-5707-05	<b>D</b> 64	BR-10	<b>A</b> 31	EC-EASYWIRE5EXT	<b>D</b> 11	HG-2D-36S	<b>F</b> 5-8



							G-10
Model No. S	ection & Page	Model No. Sect	ion & Page	Model No.	Section & Page	Model No.	Section & Page
HG-2D-36SK	<b>F</b> 5-8	HG-4C-72	<b>F</b> 5-8	HG-4E-72	<b>F</b> 5-8	MV-0771-11CW	E30
HG-2D-48	<b>F</b> 5-8	HG-4C-72K	<b>F</b> 5-8	HG-4E-72K	<b>F</b> 5-8	MV-0771-11NV	/ <b>E</b> 30
HG-2D-48K	<b>F</b> 5-8	HG-4C-72S	<b>F</b> 5-8	HG-4E-72S	<b>F</b> 5-8	MV-0771-12C	<b>E</b> 30
HG-2D-48S	<b>F</b> 5-8	HG-4D-24	<b>F</b> 5-8	HG-4E-72SK	<b>F</b> 5-8	MV-0771-12CW	<b>E</b> 30
HG-2D-48-PS	<b>F</b> 5-8	HG-4D-24K	<b>F</b> 5-8	HG-4F-24	<b>F</b> 5-8	MV-0771-12N	<b>P</b> 7
HG-2D-48SK	<b>F</b> 5-8	HG-4D-24S	<b>F</b> 5-8	HG-4F-24SK	<b>F</b> 5-8	MV-0771-12N-I	BV <b>E</b> 31
HG-2D-60	<b>F</b> 5-8	HG-4D-24-PS	<b>F</b> 5-8	HG-4F-36	<b>F</b> 5-8	MV-0771-12N-I	BVT <b>E</b> 31
HG-2D-60S	<b>F</b> 5-8	HG-4D-24SK	<b>F</b> 5-8	HG-4F-36K	<b>F</b> 5-8	MV-0771-12NV	/ <b>E</b> 30; <b>P</b> 7
HG-2D-60-PS	<b>F</b> 5-8	HG-4D-36	<b>F</b> 5-8	HG-4F-36S	<b>F</b> 5-8	MV-0771-12R	<b>E</b> 30
HG-2D-60SK	<b>F</b> 5-8	HG-4D-36K	<b>F</b> 5-8	HG-4F-36SK	<b>F</b> 5-8	MV-1907-11	<b>E</b> 30
HG-2D-72	<b>F</b> 5-8	HG-4D-36-PS	<b>F</b> 5-8	HG-4F-48	<b>F</b> 5-8	MV-1907-11CW	<b>E</b> 31
HG-2D-72K	<b>F</b> 5-8	HG-4D-36K-PS	<b>F</b> 5-8	HG-4F-48K	<b>F</b> 5-8	MV-1907-11CW	/-ER <b>E</b> 31
HG-2D-72S	<b>F</b> 5-8	HG-4D-36SK-PS	<b>F</b> 5-8	HG-4F-48S	<b>F</b> 5-8	MV-1907-12	<b>E</b> 30
HG-2D-72SK	<b>F</b> 5-8	HG-4D-36S	<b>F</b> 5-8	HG-4F-48SK	<b>F</b> 5-8	MV-1907-12C	<b>E</b> 30
HG-2E-24	<b>F</b> 5-8	HG-4D-36SK	<b>F</b> 5-8	HG-4F-60	<b>F</b> 5-8	MV-1907-12CW	<b>E</b> 31
HG-2E-36	<b>F</b> 5-8	HG-4D-48	<b>F</b> 5-8	HG-4F-60K	<b>F</b> 5-8	MV-2516	<b>E</b> 18, 32
HG-2E-36K	<b>F</b> 5-8	HG-4D-48K	<b>F</b> 5-8	HG-4F-60S	<b>F</b> 5-8	MV-2516-21	<b>E</b> 18, 32
HG-2E-36S	<b>F</b> 5-8	HG-4D-48-PS	<b>F</b> 5-8	HG-4F-60SK	<b>F</b> 5-8	MV-2516-22	<b>E</b> 18, 32
HG-2E-36SK	<b>F</b> 5-8	HG-4D-48K-PS	<b>F</b> 5-8	HG-6D-48	<b>F</b> 5-8	MV-2516-23	<b>E</b> 18, 32
HG-2E-48	<b>F</b> 5-8	HG-4D-48S	<b>F</b> 5-8	HG-6D-72	<b>F</b> 5-8	MV-2516-24	<b>E</b> 5, 7, 8, 18, 32
HG-2E-48K	<b>F</b> 5-8	HG-4D-48S-PS	<b>F</b> 5-8	HG-SD-36	<b>F</b> 5-8	MV-2516-31	<b>E</b> 18, 32
HG-2E-48S	<b>F</b> 5-8	HG-4D-48SEL-PS	<b>F</b> 5-8	HG-SD-48	<b>F</b> 5-8	MV-2516-32	<b>E</b> 18, 32
HG-2E-48SK	<b>F</b> 5-8	HG-4D-48SK	<b>F</b> 5-8	HW-2B-24	<b>F</b> 10, 11	MV-2516-33	<b>E</b> 18, 32
HG-2E-60	<b>F</b> 5-8	HG-4D-48SK-PS	<b>F</b> 5-8	HW-2B-36	<b>F</b> 10, 11	MV-2516-34	<b>E</b> 18, 32
HG-2E-60K	<b>F</b> 5-8	HG-4D-60	<b>F</b> 5-8	HW-2B-48	<b>F</b> 10, 11	MV-2516-41	<b>E</b> 18, 32
HG-2E-60S	<b>F</b> 5-8	HG-4D-60K	<b>F</b> 5-8	HW-2B-72	<b>F</b> 10, 11	MV-2516-42	<b>E</b> 18, 32
HG-2E-72	<b>F</b> 5-8	HG-4D-60-PS	<b>F</b> 5-8	HW-2C-36	<b>F</b> 10, 11	MV-2516-43	<b>E</b> 18, 32
HG-2E-72K	<b>F</b> 5-8	HG-4D-60S	<b>F</b> 5-8	HW-2C-48	<b>F</b> 10, 11	MV-2516-44	<b>E</b> 18, 32
HG-2E-72S	<b>F</b> 5-8	HG-4D-60S-PS	<b>F</b> 5-8	HW-2C-60	<b>F</b> 10, 11	MV-2522	<b>E</b> 18, 32
HG-2F-24	<b>F</b> 5-8	HG-4D-60SK-PS	<b>F</b> 5-8	HW-2C-72	<b>F</b> 10, 11	MV-2522-04	<b>P</b> 6
HG-2F-36	<b>F</b> 5-8	HG-4D-60SK	<b>F</b> 5-8	HW-2D-48	<b>F</b> 10, 11	MV-2522-21	<b>E</b> 18, 32
HG-2F-48	<b>F</b> 5-8	HG-4D-72	<b>F</b> 5-8	HW-4B-24	<b>F</b> 10, 11	MV-2522-22	<b>E</b> 18, 32
HG-2F-48K	<b>F</b> 5-8	HG-4D-72K	<b>F</b> 5-8	HW-4B-36	<b>F</b> 10, 11	MV-2522-23	<b>E</b> 18, 32
HG-2F-48SK	<b>F</b> 5-8	HG-4D-72S	<b>F</b> 5-8	HW-4B-48	<b>F</b> 10, 11	MV-2522-24	<b>E</b> 5, 7, 8, 18, 32
HG-2F-60	<b>F</b> 5-8	HG-4D-72SK	<b>F</b> 5-8	HW-4B-72	<b>F</b> 10, 11	MV-2522-31	<b>E</b> 18, 32
HG-2F-72	<b>F</b> 5-8	HG-4E-24	<b>F</b> 5-8	HW-4B-72VB	<b>F</b> 10, 11	MV-2522-32	<b>E</b> 18, 32
HG-4C-24	<b>F</b> 5-8	HG-4E-24SK	<b>F</b> 5-8	HW-4C-36	<b>F</b> 10, 11	MV-2522-33	<b>E</b> 18, 32
HG-4C-36	<b>F</b> 5-8	HG-4E-36	<b>F</b> 5-8	HW-4C-48	<b>F</b> 10, 11	MV-2522-34	<b>E</b> 18, 32
HG-4C-36K	<b>F</b> 5-8	HG-4E-36K	<b>F</b> 5-8	HW-4C-60	<b>F</b> 10, 11	MV-2522-41	<b>E</b> 18, 32
HG-4C-36S	<b>F</b> 5-8	HG-4E-36S	<b>F</b> 5-8	HW-4C-72	<b>F</b> 10, 11	MV-2522-42	<b>E</b> 18, 32
HG-4C-36SK	<b>F</b> 5-8	HG-4E-36SK	<b>F</b> 5-8	HW-4C-72VB	<b>F</b> 10, 11	MV-2522-43	<b>E</b> 18, 32
HG-4C-48	<b>F</b> 5-8	HG-4E-48	<b>F</b> 5-8	HW-4D-48	<b>F</b> 10, 11	MV-2522-44	<b>E</b> 18, 32
HG-4C-48K	<b>F</b> 5-8	HG-4E-48K	<b>F</b> 5-8	HW-6C-36	<b>F</b> 10, 11	MV-3516-21	<b>E</b> 18, 32
HG-4C-48S	<b>F</b> 5-8	HG-4E-48K-PS	<b>F</b> 5-8	HW-6C-48	<b>F</b> 10, 11	MV-3516-22	<b>E</b> 18, 32
HG-4C-48-PS	<b>F</b> 5-8	HG-4E-48S	<b>F</b> 5-8	HW-6D-48	<b>F</b> 10, 11	MV-3516-23	<b>E</b> 18, 32
HG-4C-48K-PS	<b>F</b> 5-8	HG-4E-48S-RC	<b>F</b> 5-8	MPY-2DCN-06	<b>A</b> 5	MV-3516-24	<b>E</b> 5, 7, 8, 18, 32
HG-4C-48SK	<b>F</b> 5-8	HG-4E-48SK	<b>F</b> 5-8	MPZ-2DCN-06	<b>A</b> 5	MV-3516-24-R	
HG-4C-48SK-PS		HG-4E-48SK-PS	<b>F</b> 5-8	MPZ-2DLN-06		MV-3516-25	<b>E</b> 18, 32; <b>P</b> 6
HG-4C-60	<b>F</b> 5-8	HG-4E-60	<b>F</b> 5-8	MPZ-8WCN-06	<b>A</b> 5	ORK1	<b>E</b> 22
HG-4C-60K	<b>F</b> 5-8	HG-4E-60K	<b>F</b> 5-8	MPZ-8WLN-06	<b>A</b> 5	ORK2	<b>E</b> 22
HG-4C-60S	<b>F</b> 5-8	HG-4E-60S	<b>F</b> 5-8	MPZ-KIT-LN06		ORK3	<b>E</b> 22
HG-4C-60SK	<b>F</b> 5-8	HG-4E-60SK	<b>F</b> 5-8	MPZ-KIT-LN06	-CR <b>A</b> 5	ORK-SK	<b>E</b> 22

	N
1	<b>.6</b>

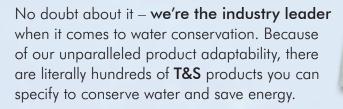
Model No.	Section & Page
0CS6	<b>C</b> 5, 18; <b>D</b> 69
OCS6-LT	<b>C</b> 5; <b>D</b> 69
OCS8	<b>C</b> 5, 18; <b>D</b> 69
OCS8-LT	<b>C</b> 5; <b>D</b> 69
PA-B	<b>C</b> 7, <b>D</b> 71
PA-C	<b>C</b> 7, <b>D</b> 71
PA-H	<b>C</b> 7, <b>D</b> 71
PG-0001	<b>P</b> 2
PG-0002	<b>P</b> 2
PG-0003	<b>P</b> 2
PG-0004	<b>P</b> 2
PG-0123	<b>P</b> 2
PG-0123-B	<b>P</b> 2
PG-0133	<b>P</b> 2
PG-0133-B	<b>P</b> 2
PG-2187	<b>P</b> 3
PG-35AV-CH	<b>P</b> 2
PG-35AV	<b>P</b> 2
PG-35AV-CH02	L <b>P</b> 2
PG-35AV-CH02	<b>P</b> 2
PG-35AV-CH03	<b>P</b> 2
PG-35AV-CHO	<b>P</b> 2
PG-35AV-CHO	<b>P</b> 2
PG-4DREV	<b>P</b> 2
PG-8WESV-08	M <b>P</b> 3
PG-8WREV	<b>P</b> 2
PG-8WSAV-08	<b>P</b> 2
POSI-SET™	<b>F</b> 6, 7, 8
SQ-0092	<b>D</b> 49
SQ-0093	<b>A</b> 40; <b>D</b> 49
SQ-0093-LF	<b>D</b> 49
SQ-0094	<b>D</b> 49
SQ-0095	<b>D</b> 49
SQ-0099	<b>D</b> 49
SQ-0100	<b>D</b> 49

No	tes



# T&S Brass our Water Conservation Leader





Let the leader show you how easy it is to save! Many T&S faucets like our redesigned ChekPoint™ electronic sensor faucets need no modification to offer significant savings. Other standard faucets can be easily modified with low flow control aerators, as well as metering, self-closing and Cerama cartridges, saving you hundreds of gallons of water a year.

> Many **T&S** pre-rinse units, spray valves and spray assemblies are proven conservation workhorses.

By specifying water-efficient plumbing products, builders and architects can help contribute toward credits for their building project to achieve a coveted LEED certification.\*

For more information, visit the Water Conservation section of our website, or call T&S Customer Service and request our Water Conservation literature.

> 1-800-476-4103 www.tsbrass.com







<sup>\*</sup> The LEED (Leadership in Energy and Environmental Design) Green Building Rating System™ is a national voluntary standard developed by the U.S. Green Building Council (USGBC) for the design, construction and operation of high performance green buildings. Using the LEED system, builders and architects have the tools to determine how to design and maintain energy- and cost-efficient buildings.



#### 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

#### 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







