

















T&S BRASS
G-9 PRODUCT CATALOG
2011













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 pre-rinse 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



T&S BRASS PRODUCT OVERVIEW

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 Gas and Water Appliance Connectors





**G** Emergency Safety Equipment by Haws















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



# **G-9** General Product Catalog

### **Table of Contents**

Pre-Rinse Units - A
B-0108 and B-0108-C JeTSpray Pre-Rinse Units
Standard B-0107 Spray Valve Pre-Rinse Units
Low Flow B-0107-C Spray Valve Pre-Rinse Units
Faucet, Hose and Spray Valve Assemblies
Pre-Rinse Accessories Spindle Assemblies
Pot, Kettle and Glass Fillers – B
Glass Fillers B3-5
Pot and Kettle Fillers/Dipperwell <b>B6-10</b>
Kettle Kaddy Spray Stanchions <b>B10-11</b>
Big-Flo Faucets
Pot, Kettle and Glass Filler Accessories/Parts Kits
Faucets and Components – C
Faucets and Components – C  Product Adaptability Faucets and Fittings
Product Adaptability Faucets and Fittings
Product Adaptability Faucets and Fittings
Product Adaptability Faucets and Fittings
Product Adaptability Faucets and Fittings
Product Adaptability Faucets and Fittings
Product Adaptability Faucets and Fittings
Product Adaptability Faucets and Fittings
Product Adaptability Faucets and Fittings



Medical and Lavatory Faucets D12-23
Pedal Valves, Dummy Goosenecks
and Bubblers D24-27
Service Sink and Sill Faucets D28-35
Medical Bedpan Washers D36-38
Bath and Shower D38-42
Vacuum Breaker Assemblies D43
Laboratory Products D44-57
Stops and Supplies <b>D57-58</b>
Parts Kits Spindle Assemblies
Faucet Fittings, Aerators, Outlets <b>D62-72</b>
<b>NEW!</b> Water Conservation
Plumbing Models <b>D73-78</b>
Washdown and Clean-Up Solutions – E
Retractable Hose Reels Hose Reel Assemblies/Accessories <b>E3-16</b>
Service Sink, Mop Sink, Sill Faucets and Accessories <b>E17-22</b>
Washdown Stations/Accessories <b>E22-26</b>
Safe-T-Link Appliance Connectors – F
Sale i Ellik Appliance Schliesters
Gas Appliance Connectors and Accessories Specifying Gas Connectors
Gas Appliance Connectors and Accessories
Gas Appliance Connectors and Accessories Specifying Gas Connectors
Gas Appliance Connectors and Accessories Specifying Gas Connectors
Gas Appliance Connectors and Accessories Specifying Gas Connectors
Gas Appliance Connectors and Accessories Specifying Gas Connectors



# **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:







# **Pre-Rinse Units**













# **G-9** 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	-21		
<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 A15-17 A18-19 A20 A21		
Low Flow B-0107-C Spray Valve Pre-Rinse Units	-27		
Faucet, Hose and Spray Valve Assemblies	-33		
<ul><li>Spray Valve Assemblies</li><li>Faucets with Spray Valve Assemblies</li><li>Quick-Connect Spray Assemblies</li><li>Replacement Hoses</li></ul>	A28 A29-30 A31-32 A33		
Pre-Rinse Accessories A32,	34-40	 	
<ul> <li>NEW! EasyInstall Accessories</li> <li>Add-On Faucets</li> <li>B-0107 and B-0108 Spray Valves</li> <li>Low Flow Spray Valves</li> <li>Water Conservation Comparison Chart</li> <li>Wall Brackets, Outlets, etc.</li> <li>Repair/Installation Kits</li> <li>Inlet Options</li> <li>Spindle Assemblies</li> </ul>	A32 A35 A35-36 A36-37 A37 A38 A38-39 A39		

### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the **G-9 General Product Catalog** "Master Index" section (IN).

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



Easy Insta









### **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**

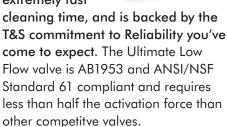
 Long 3-year warranty on your T&S EasyInstall PRU

# T&S Conserves More Water and Energy The Ultimate Low Flow Spray Valve Now at 0.65 GPM

# The Ultimate Low Flow Spray Valve – 0.65 GPM

T&S announces its newest product, the Ultimate Low Flow Spray Valve at 0.65 GPM, an innovative concept in water conservation. The

Ultimate Low Flow valve has unparalleled life cycle testing results, an extremely fast



### **Unparalleled Life Cycle Testing**

The Ultimate Low Flow Spray Valve has been laboratory tested to over 1.5 million cycles, demonstrating its heavy-duty capabilities. Other competitive low flow valves have a failure rate at less than 10,000 cycles.



### T&S – The Industry Leader In Water Conservation and Product Selection

We understand how important water conservation is in the day and age. That's why we lead the way in the foodservice industry with an extensive line of Low Flow Spray Valves that meet your water conservation requirements without compromising performance. Our latest model, the Ultimate Low Flow Valve, is manufactured to deliver the consistent flow you need while maintaining the water and energy savings your industry demands.

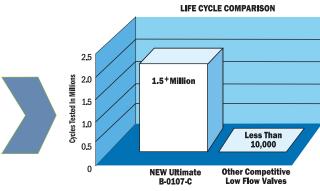
### Conserving Water Through Innovation

T&S Brass products are designed to meet your energy and performance needs for foodservice applications. Thirty years ago, we were ahead of the industry with the introduction of the B-0107-C low-flow spray valve. Today our Ultimate Low Flow B-0107-C is the only low flow pre-rinse spray valve

endorsed by the Green Restaurant Association (GRA). The Foodservice Technology Center has also verified the Ultimate Low Flow B-0107-C as meeting its recommendations for both performance and flow rate.

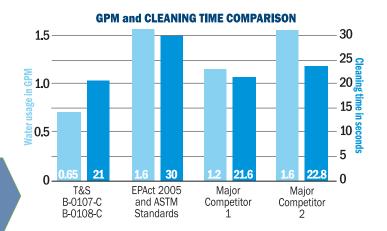
### 24 Hour Quick Ship

Call in your Ultimate Low Flow Spray Valve order before noon for sameday processing and fast turnaround. You never have to worry about downtime and we make sure your order arrives when you need it.



### The B-0107-C and B-0108-C:

- 0.65 GPM at 60 psi
- Use 60% less water than EPAct-compliant valves
- Save up to 100,000 gallons of water a year using the B-0107-C and B-0108-C



# T&S Brass Mini Pre-Rinse Line



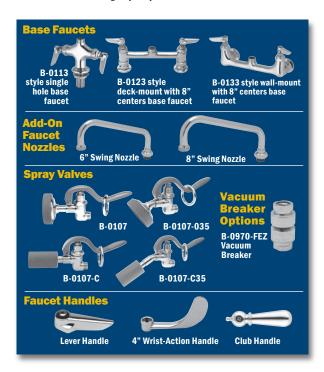
### The T&S Pre-Rinse Solution For Limited Kitchen Space

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:

- 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

### **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**

- **06** 6" Swing Nozzle
- 08 8" Swing Nozzle

### **Vacuum Breaker**

- V 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

# Tas



# 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 (002824-40) 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



EPAct 2005 Compliant

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

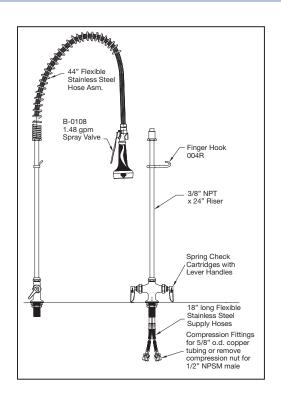
B-0113-08 with B-0108 JeTSpray valve, no wall bracket

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

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

B-0113-V9-B08 with vacuum breaker hose, B-0109-01 wall bracket

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





# Tas





- 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)

 Single hole base faucet (002824-40) with EasyInstall™ "pop and lock" riser installation feature

EPAct 2005 Compliant

- 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-0108-C New and Improved 0.65 GPM

# 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:

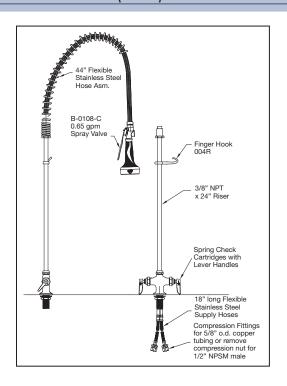
B-0113-B08C with B-0109-01 wall bracket

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.



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



EPAct 2005 Compliant

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

- 8" (203 mm) center deck faucet (002829-40) 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. A38).

# 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:

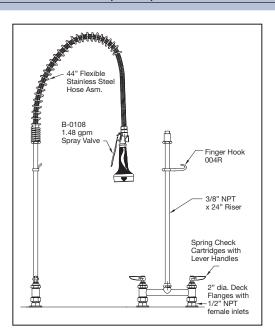
B-0123-B08 with B-0109-01 wall bracket

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



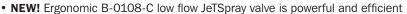




### **Low Flow JeTSpray B-0108-C Pre-Rinse Units**



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



- 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-0108-C

New and

Improved 0.65 GPM





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

EPAct 2005 Compliant

- 8" (203 mm) center deck faucet (002829-40) 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. A38).

# 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

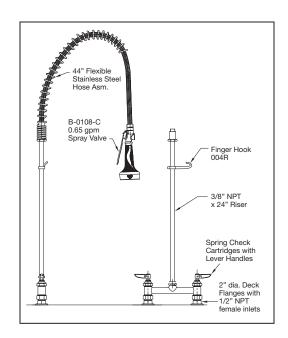
### All other models are same as B-0123-08C except:

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 prevent cross flow
- Hot Spindle Assembly 002712-40 Cold Spindle Assembly 002711-40



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

- 8" (203 mm) center wall mounted faucet (002832-40) with "pop and lock" riser installation feature
- 35-1/2" (902 mm) high
- B-0108 JeTSpray valve
- 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. A39).

# 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

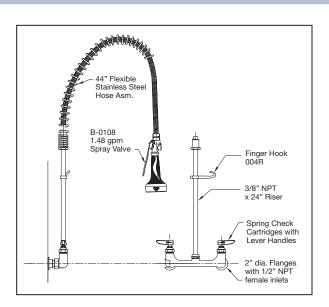
B-0133-A08-08 with 8" (203 mm) add-on faucet

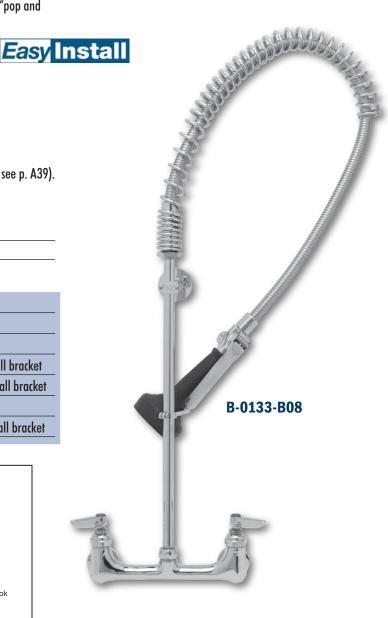
B-0133-A08-B08 with 8" (203 mm) add-on faucet and wall bracket

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





EPAct 2005 Compliant



# Pre-rinse units with the B-0108-C JeTSpray 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-0108-C

**New and** 

**Improved** 

0.65 GPM

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



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

 8" (203 mm) center wall mounted faucet (002832-40) with "pop and lock" riser installation feature

EPAct 2005 Compliant

- 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. A39).

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

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

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

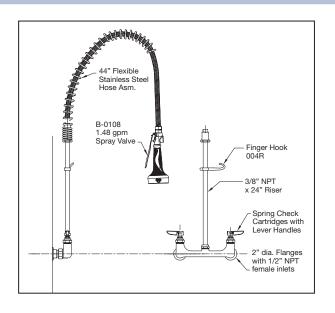
B-0133-A08-B08C with 8" (203 mm) add-on faucet and wall bracket

**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







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

- Single hole base faucet (002824-40) with "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
- 1/2" 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-B with B-0109-01 wall bracket

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-BT with British threads

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-M** Master Box (6)

B-0113-V9 with B-0044-V9 flexible stainless steel hose and B-0970-FE vacuum breaker

**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 Gooseneck



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





# EPAct 2005 Compliant

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

- 8" (203 mm) center deck faucet (002829-40) with "Pop and Lock" riser installation feature
- B-0109-01 6" (152 mm) wall bracket
- 44-13/16" (1138 mm) high
- B-0107 spray valve
- 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. A38).

# 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-CR-B with ceramic cartridges 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





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

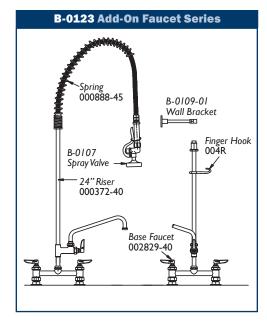
B-0123-ADF08 with 8" (203 mm) add-on faucet

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





### **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





- 8" (203 mm) center wall mounted faucet (002832-40) with "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
- 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. A39; 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 OOCC 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-CCB-CR** same as B-0133-01 with B-0109-01 wall bracket, 00CC inlets and ceramic cartridges

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

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-M** Master Box (6)

**B-0133-CR** with ceramic cartridges

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

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

**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

cont. on next page



### **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 -A\_\_ Models, cont.

- 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-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



### B-0143 Pre-Rinse Unit

- 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-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) overhang
- 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
- B-0044-H flexible stainless steel hose
- Includes spring checks

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



### B-2223 **Pre-Rinse Unit**

- 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
- B-0044-H flexible stainless steel hose
- B-0109-01 wall bracket

Note: Installation Kit sold separately B-0230-K (2 required, see p. A39).



### **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
- B-0109-01 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. A39).

- **B-2187-01** with 14" (356 mm) add-on faucet
- **B-2180** with 18" (457 mm) add-on faucet
- **B-2194** with 16" (406 mm) add-on faucet and 12" (305 mm) wall bracket

### **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
- 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











### 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
- 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 (002824-40) 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 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

### **NEW! B-0108 JeTSpray Pre-Rinse Unit**

**B-2338-08C** same as B-2338 except with B-0108-C low flow JeTSpray valve and ceramic cartridges



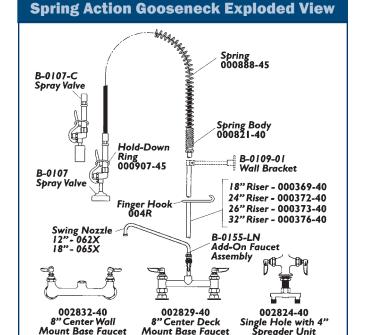


### **B-2349 Pre-Rinse Unit**

- 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
- B-0044-H flexible stainless steel hose
- B-0109-03 12" (305 mm) wall bracket



Base Faucet



Mount Base Faucet

### 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

# EPAct 2005 Compliant



- Single hole base faucet with "pop and lock" riser installation feature
- 4" (102 mm) spreader unit (002824-40)
- 38-3/8" (975 mm) high
- 9" (229 mm) clearance
- 12" (305 mm) swivel arm
- B-0107 spray valve
- 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-0111-02** 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



### **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
- B-0020-H flexible stainless steel

Note: Supply nipples sold separately — B-0425 (2 required, see p. A38).

**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
- B-0020-H flexible stainless steel hose

Note: Installation Kit sold separately B-0230-K (1 required, see p. A39).

- 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-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-BC-NPL same as B-0131 except with B-0107-C low-flow spray valve, 6" wall bracket (B-0109-01) and (2) supply nipples
- **B-0132** with 18" (457 mm) swivel arm, 32" (823mm) riser, 36" (914 mm) high





### With Overhead Swivel Arm



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







### **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
- B-0020-H flexible stainless steel

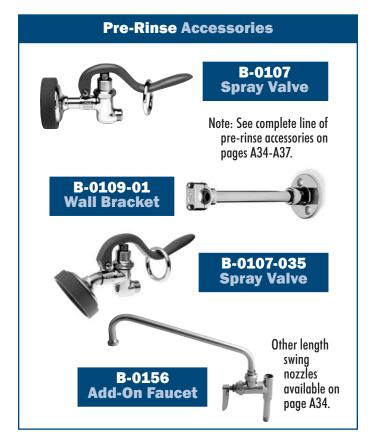
Note: This unit requires separate check valves.

### 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





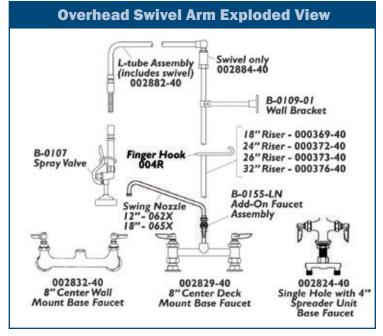
### B-0171 **Pre-Rinse Unit**

- 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
- 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





 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

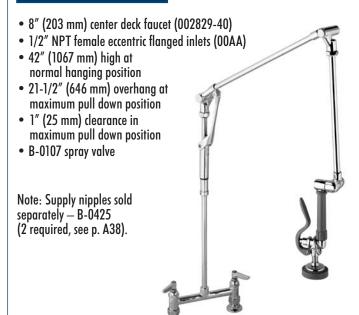
**B-0114-01B** with B-0109-01 6" (152 mm) wall bracket

**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

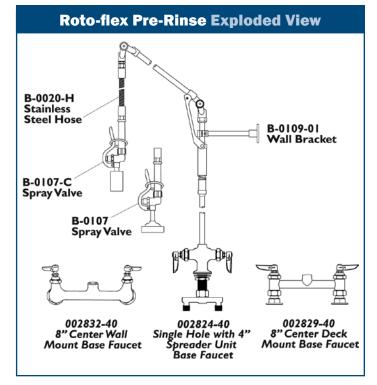


### B-0124 **Pre-Rinse Unit**



### 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.



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



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

- 8" (205 mm) centers wall mount base faucet (B-0290)
- Add-on faucet (B-0286) with 12" (305 mm) swing nozzle (114X)
- 18" (457 mm) riser (000369-40)
- B-0044-H stainless steel hose
- B-0107 spray valve
- 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-0289 Big-Flo Pre-Rinse Unit**

- 8" (205 mm) centers wall mount base faucet (B-0290)
- Add-on faucet (B-0286) with 18" (457 mm) swing nozzle
- 034A hose adapter
- B-0104-H stainless steel hose
- B-0107 spray valve
- 3/4" NPT elbows furnished to allow for optional deck mounting or for floor and ceiling supplies behind backsplash

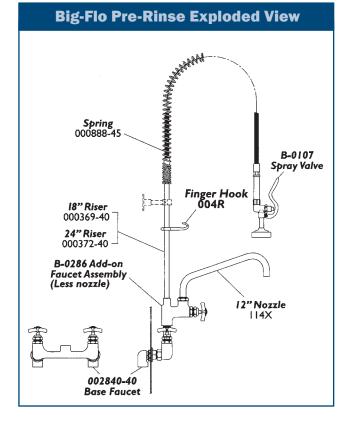


Note: check valves sold separately — B-CVV3-4

### **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)











# 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





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

- Single hole base faucet (002824-40) 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

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

Note: Universal body accepts flex lines and spreader yoke

# Easy Install

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

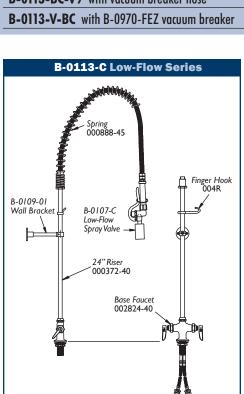
### All other models are same as B-0113-C except:

with B-0107-C Low Flow Spray Valve Models

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

**B-0113-A12-V-BC** with B-0156 add-on faucet, B-0107-C and B-0970-FEZ vacuum breaker

**B-0113-BC-V9** with vacuum breaker hose







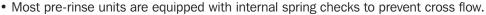




### **Low Flow B-0107-C Spray Valve Pre-Rinse Units**



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





Easy Install



# **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 faucet (002829-40) 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. A38).

# 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:

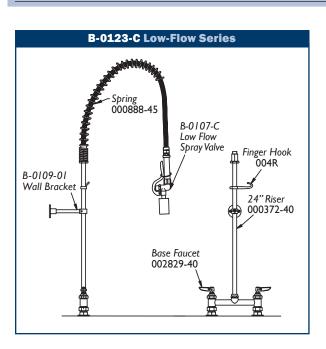
**B-0123-A12-V-BC** with B-0109-01 wall bracket, B-0156 12" add-on faucet and B-0970-FEZ vacuum breaker

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

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

B-0123-CR-C with ceramic cartridges

**B-0123-V-BC** with B-0109-01 wall bracket and B-0970-FEZ vacuum breaker







### **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 faucet (002832-40) with "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. A39).

# 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 wall bracket

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

B-0133-CR-C with ceramic cartridges

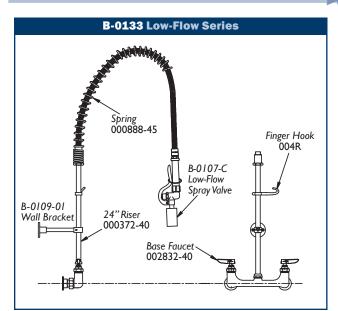
B-0133-V-BC with B-0109-01 wall bracket and B-0970-FEZ vacuum breaker

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

B-0107-C New and Improved 0.65 GPM







### A 25

### **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)

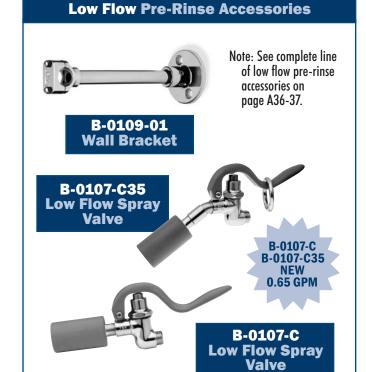
- Single hole base faucet
- Fits sink top to 1-3/4" (44 mm) thick
- 45-1/2" (1155 mm) high
- 14-1/16" (357 mm) overhang
- 18-9/16" (471 mm) clearance
- 1/2" male NPSM threaded inlet
- 24" riser model (000372-40)
- B-0044-H flexible stainless steel hose
- B-0109-01 6" (152 mm) wall bracket











Notes





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. A39).



### 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
- 21-1/2" (546 mm) overhang at maximum pull down position
- 6" (152 mm) clearance in maximum pull down position
- 1/2" NPT female eccentric flanged inlets (00AA)
- B-0020-H stainless steel hose
- B-0109-01 6" (152 mm) wall bracket



Note: Installation Kit sold separately — B-0230-K (1 required, see p. A39).

### 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 wall bracket

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



### B-2370 Pre-Rinse Unit

# **NEW!** Fan jet low flow **(0.65 gpm)** spray valve **(0005939-40)**

- Pull down "on"/ release "off"
- Single hole base faucet with 4" (102 mm) spreader unit (002824-40) and 1/2" NPT male inlets
- 37-1/2" (952 mm) high at normal hanging position
- 21-1/2" (546 mm) overhang at maximum pull down position
- 3-1/8" (80 mm) clearance in maximum pull down position
- B-0020-H flexible stainless steel hose
- B-0109-01 6" (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.









### B-0126 Pre-Rinse <u>Unit</u>

- 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. A33.









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

### 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



Notes



PAct 200

Spray Valve Assemblies with the B-0107 (1.42 gpm), the NEW B-0107-C Ultimate Low Flow Spray Valves (1.24 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. A31 for alternate adapters)

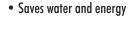


- B-0100-M Pre-rinse spray Master Box (6)
- **B-0100-32H** B-0107 spray valve with 32" flexible stainless steel hose (B-0032-H)
- **B-0955** Same as B-0100 but with reinforced PVC hose (B-0044-R)
- **B-0957** Same as B-0100 but with clear vinyl hose with internal braiding (B-0044-V)

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

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



B-0107-C New and Improved 0.65 GPM



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

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

- Same as B-0100 but with **NEW** B-0108 JeTSpray valve
- Forged brass body
- Fast action stainless steel trigger
- Ergonomic design helps reduce fatique caused by repetitive tasks
- Retrofits most commercial pre-rinse hoses
- 3 ft. flexible stainless steel hose (B-0044-H)

### **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. A31 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

### B-0105 Spray Assembly

# Redesigned with 1.42 gpm – EPAct 2005 compliant

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

Note: This unit requires separate check valves.

### **Check Valves for B-0105**

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







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

### 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-0956** Same as B-0950 but with B-0044-R reinforced PVC hose

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



EPAct 2005 Compliant

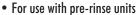
### Redesigned with 1.42 gpm - EPAct 2005 compliant

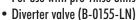
- Simultaneous brush and spray action
- Automatic shut-off valve
- Brush attachment with nylon bristles (BR-10)
- B-0044-H flexible stainless steel hose
- 1/2" NPT male inlet (See "Adapter Chart" p. A31 for alternate adapters)
- 48" (1219 mm) overall length of unit

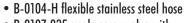


# B-0165 Utility Hose and Spray Assembly

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







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

 Hanger hook to hang hose and spray valve out of the way (B-0166)

 3/8" NPT male fits standard pre-rinse base faucets

• 9' overall length of hose and spray unit



### B-0160 Deck Mounted Base Faucet

- Single hole base faucet with 4" (102 mm) spreader unit (002824-40) 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-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. A39).

- B-0167-01 Same as B-0167 except less atmospheric vacuum breaker, with in-line hose vacuum breaker and with B-0107-035 Note: this model is EPAct 2005 Compliant
- 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





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

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

# Redesigned spray valve with 1.42 gpm - EPAct 2005 compliant

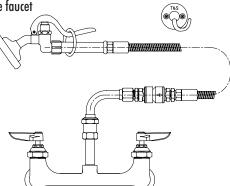
Wall mounted base faucet

 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

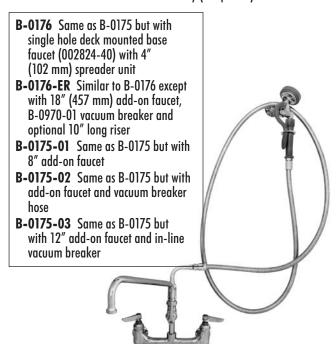


# B-0175 Faucet with Swing Nozzle and Spray Unit

### 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. A39).



### B-0169 Wall Mounted Base Faucet

# Redesigned spray valve with 1.42 gpm — EPAct 2005 compliant

- Wall mounted single faucet
- 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-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-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)





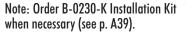
Spray Valve Assemblies using the redesigned B-0107 Spray Valve (1.42 gpm) comply with EPAct 2005.



# 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)





### **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" below for alternate adapters)
- 49" (1219 mm) overall length of unit



Notes		

### 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		
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	G.H. 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



**NEW** Swivel and Rigid Tee

**Assemblies** 

### **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 as on B-0107-C

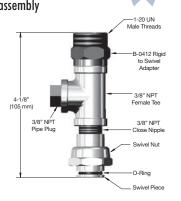


### **EasyInstall Accessories**

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

EasyInstall swivel tee assembly





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

EasyInstall rigid tee assembly

• Chrome plated







### Stainless steel and PVC 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)
- Polyurethane inner tubing
- Supplied on most pre-rinse units with spring action gooseneck



### 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)



### Flexible Stainless Steel 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-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-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 breaker

**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-0056-H** 56" flexible stainless steel hose

**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
- Enhanced maneuverability

Its fast rinsing power and EPAct 2005
compliance combine to give you
power and efficiency. And the
JetSpray has been laboratory
tested to over 2 million cycles,
demonstrating its heavy-duty
capabilities. Its "smart" one-handed
lock and unlock feature saves time and
makes the user more productive.

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

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





**B-0108 Models** 

**B-0108** 1.48 gpm **B-0108-C** 0.65 gpm **B-0108-H\*** High-flow option



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







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



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

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

Note: The B-0156 increases the height of a pre-rinse 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-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-0156** Add-on faucet with 12" (305 mm) nozzle (062X)

- B-0156-CR With cerama cartridaes
- **B-0156-M** Add-on faucet Master Box (6)
- **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-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-0155-LNEZ Add-On Faucet for Easylnstall Pre-rinse Units

- 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) comply with EPAct 2005.



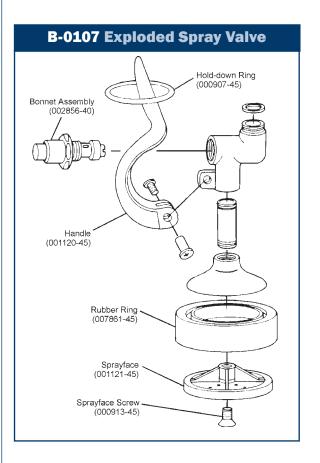
### B-0107 Pre-rinse Spray Valve

### 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 non-splash 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, hold-down ring and stainless steel quick-disconnect





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



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

### 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 trigger lock
- Removable screen filter
- Quick change replacement parts



### **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. A31 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)

B-0107-C New and Improved 0.65 GPM



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 wall bracket assembly with vandal-resistant mounting hardware
- B-0109-02 9" (229 mm)
- **B-0109-03** 12" (305 mm)
- **B-0109-03VR** 12" Vandal-resistant wall bracket assembly with vandal-resistant mounting hardware
- **B-0109-04** 18" (457 mm)
- **B-0109-05** 24" (610 mm)
- **B-0109-06** 3" (76 mm)
- **B-0109-07** 2-3/8" (60 mm)
- **B-0110** Same as B-0109-01 except fits 1/2" riser
- **B-0159** Fits 3/4" NPT risers

### B-0119 Wall Bracket

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



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





EPAct 2008 Complian

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.



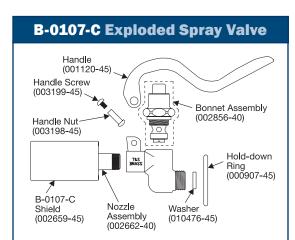
# **NEW! B-0107-C Ultimate low flow spray valve**

B-0107-C

- (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-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





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 Conservation Comparison Chart** Federal Limit vs. B-0107 and B-0107-C Spray Valves

### **Assumptions:**

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 min/year x 0.95 GPM = 102,600 gal/year SAVED

### **Energy Conservation**

### **Assumptions:**

1. Inlet at 65°F, outlet at 140°F

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

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

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

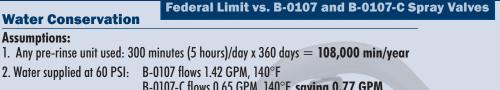
Fuel Oil Water Heater (80% efficiency): 460 gal oil/year

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

Electric Water Heater: (at 0.16 dollars/ KWH) - \$1587/year

Natural Gas Water Heater: (at .78 dollars/ Therm) - **\$295/year** 

**Fuel Oil Water Heater:** (at 2.35 dollars/gal oil) - \$1081/year







### **Pre-Rinse Accessories**

### B-0104 **Wall Hook Outlet**

- Wall mounted hose connection with flanae
- 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-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-0104-D **Dummy Wall Hook**

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

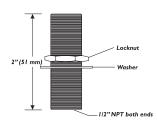


### **B-0970-FE Atmospheric Back-Flow Preventer**

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



### B-0425 **Supply Nipple**



### **B-0166 Dummy Wall Hook**

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



### SQ-0093 **Wall Outlet**

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



### **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



### **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



Éterna spindle with spring check (002712-40) Right-hand Éterna spindle with spring



# B-010K-C

• Repairs B-0107-C low-flow spray

**Low Flow Spray Valve Repair Kit** 

- valves, and includes: (000895-45) Spring
- 2 (000974-45) Bonnet washer
  - (010476-45) Washer for
    - S/S hose
- (001040-45) Bonnet binding washer
- (002659-45) Shield
- (001100-45) Packing seal
- (009306-20) Valve stem 1
- (012915-45) Seat washer

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



- 1 (002711-40) Left-hand
- check



### **Repair and Installation Kits**

### B-0108 and B-0108-C JeTSpray Valve Repair Kits

**SPRAY FACE Repair Kits:** 

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



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

 B-0114 style pre-rinse unit repair kit. Includes materials to repair both knuckles and elbow:

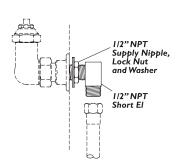
2 (009228-40) Knuckle joint assembly

1 (009227-40) Elbow joint assembly

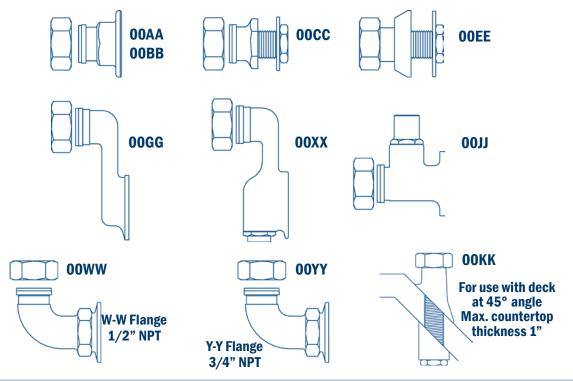


### B-0230-K Installation Kit B-0230 Style Faucets

- 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

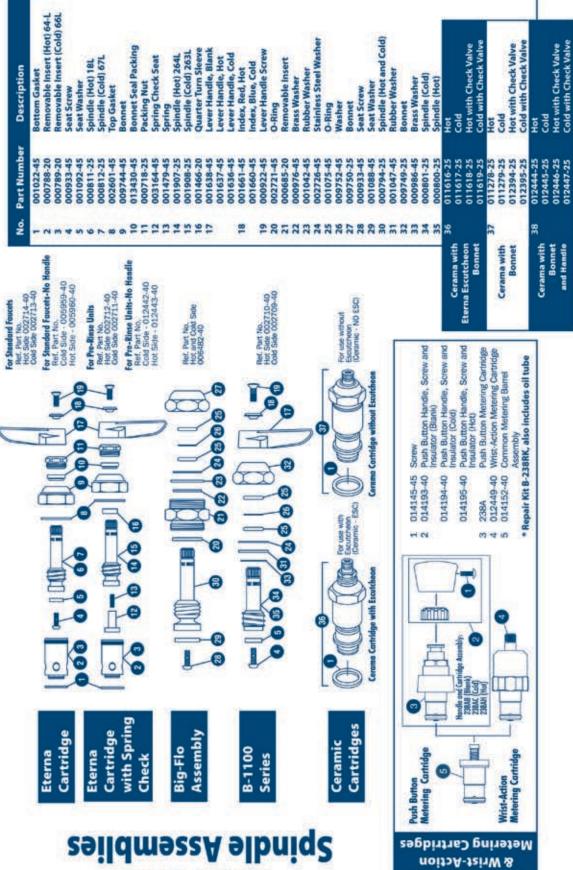
**OOWW** 1/2" NPT female flange 90° inlet

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.

A 40

# seildmessA elbniq2 Hot & Cold



15 Screw 10 Push Button Handle, Screw and Insulator (Blank) 10 Push Button Handle, Screw and Insulator (Cold) 10 Push Button Handle, Screw and Insulator (Hot) Push Button Metering Cartridge 40 Wrist-Action Metering Cartridge 40 Wrist-Action Metering Barret Assembly 18-238RK, also includes oil tube
014145-45 014193-40 014194-40 014195-40 238A 012449-40 014152-40 Repair Kit B-23
Brands and Certifide Accombly.  Tasky (cold)  Zasky (vold)  A
Push Button Metering Cartridge  Wrist-Action Metering Cartridge

& Wrist-Action

238A Push Button

Tas

Hot Cold Hot with Check Valve Cold with Check Valve Cold Hot with Check Valve Cold with Check Valve Cold Hot with Check Valve Cold with Check Valve

**Cerama with** 

Cerama without

Hot Cold Hot with Check Valve Cold with Check Valve

Eterna Escutcheon Cerama with

Cerama with

Spindle (Hot and Cold) Rubber Washer

Bonnet

Spindle (Cold

Spindle (Hot) **Brass Washer** 

Pot, Kettle and Glass Fillers











# **G-9** General Product Catalog

### **Table of Contents**



Pot, Kettle and Glass Fillers – B			
Pot and Kettle Fillers Glass Fillers			
<ul> <li>Glass Fillers</li> <li>Pot and Kettle Fillers</li> <li>Dipperwell Faucets</li> <li>Elevated Kettle Filling Faucets</li> <li>"Wok Wand" Faucets</li> <li>Range Faucets and Pot Fillers</li> </ul>	B3-5 B6-7 B7 B7 B8 B8-10		
Kettle Kaddy Spray Stanchions			
Big-Flo FaucetsB11-14			
<ul> <li>Add-ons – Pantry and Mixing Faucets,</li> <li>Swivel Extensions, Adapters, Double-</li> </ul>	B11-14		
Joint Nozzles and Spouts	B12-14		
Accessories B14-15			
<ul><li>Repair Kits</li><li>Flexible Stainless Steel Hoses</li></ul>	B14 B15		

Notes

### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the **G-9 General Product Catalog** "Master Index" section (IN).



# Tas

### **Glass Fillers**

### B-1200 Push Back Glass Filler

- 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



### B-1202 Push Back Glass Filler

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-1210-01** Same as B-1210 except base of flange to outlet is 10-15/16" (278 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)



# B-1225 Combination Glass and Pitcher Filler

- 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



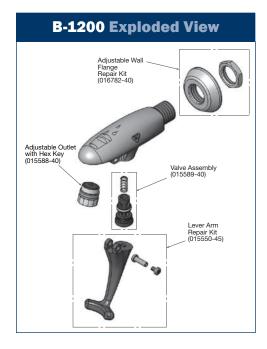
# Glass Fillers

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

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





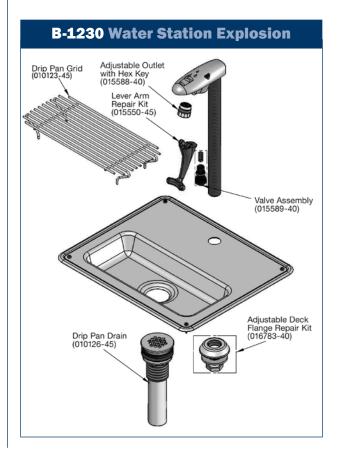
### B-1235 Water Station with Splash Guard

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



### 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 and Kettle 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 (000547-25)



### 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



### **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	G.H. female
172A	1/4" NPT male (Fisher)
098A	Connect two hoses

# B-0102-A Pot Filler Hose Assembly

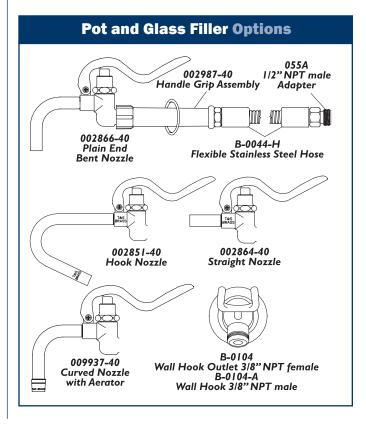
- Automatic shut-off valve (002851-40)
- Hook nozzle for use on large pots and steam kettles
- Retaining ring for continuous flow of water
- B-0068-H flexible stainless steel hose
- 1/2" NPT male inlet (000547-25)



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

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







### **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

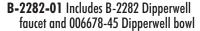


Ex.: B-2282-F03 for

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





### **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-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

- (457 mm) 12" (205 mm) (205 mm)
- 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



# Tas

### "Wok Wand" Faucets

### B-0575 Chinese Back Mounted Faucet

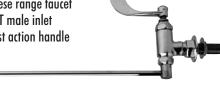
- Range back mounted faucet
- For cold water only
- On-off control actuated when nozzle swings to right or left
- 13-3/4" (349 mm) nozzle with aerator
- 3/8" NPT female inlet



**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-0578-01 Chinese Range Faucet

- Heavy duty Chinese range faucet
- Flanges 1/2" NPT male inlet
- 4" (102 mm) wrist action handle (B-WH4)



**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

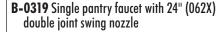
### B-2343 Chinese Pedestal Faucet

- 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

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

### B-0318-02 Pot Filler

- 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-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-0318-03 Pot Filler**

- Single hole double 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



### 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)





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

# 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)

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

### 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-0605 Pot and Kettle Filler

- Wall mounted
- 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-0597 Pot Filler Faucet • Wall mounted faucet • 8" (203 mm) centers • 1/2" NPT female inlet • 18" (457 mm) double joint

• Insulated on-off control grip on tip of nozzle (035A)

**B-0597-CR** Same as B-0592 except with ceramic cartridges

### B-0600 Pot and Kettle Filler

- Wall mounted
- 1/2" NPT female inlet

nozzle (002848-40)

- 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



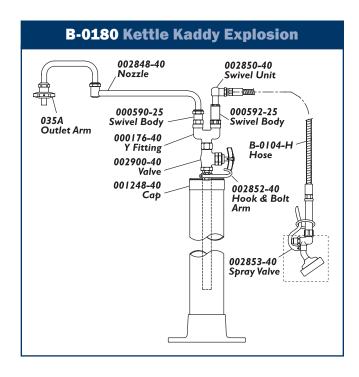


### **Range Faucets and Pot Fillers**

# 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 clean sturdy versatile
- All piping concealed
- Base flange with three bolts holds units firmly to floor (bolts cement anchors included)

### • Any length hose furnished upon request

- Easy to install
- For large floor mounted steam jacketed and self-contained kettles

### B-0180 Combination Kettle Filler 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
- Single 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



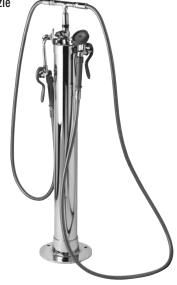
### B-0190 Combination Kettle Filler and Spray Stanchion

- 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



**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 breaker (B-0970-01) at tee swivel

### **Kettle Kaddy Spray Stanchions**

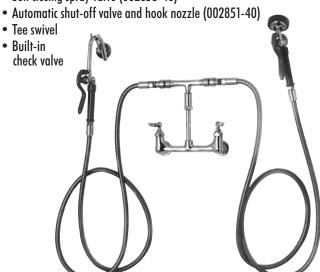
### B-0195 Kettle Filler Hose Stanchion

- 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)

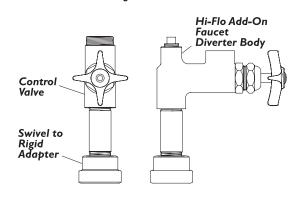


### **Big-Flo Faucets for Pot Sinks and Kettles**

### B-0286 Big-Flo Pre-Rinse Retrofit for B-0290 Bases

- Big-Flo add-on faucet diverter body
- Pre-rinse outlet
- Big-Flo nozzle outlet
- Includes 3/4" swivel to rigid adapter

Note: For use with B-0290 Big-Flo faucets



### B-0287 Big-Flo Pre-Rinse with Add-On Faucet

- 8" (205 mm) centers wall mount base faucet (B-0290)
- Add-on faucet with 12" (305 mm) swing nozzle
- 3/8" NPT 18" riser
- B-0044-H stainless steel hose
- B-0107 spray valve
- 3/4" NPT elbows furnished to allow for option deck mounting
- Furnished with two 3/4" NPT check valves





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

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

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

- Add-on faucet (B-0286)
- 18" (457 mm) swing nozzle (115X)
- Rigid to swivel adapter (B-0412)
- Hose adapter (34A)
- B-0104-H stainless steel hose with angled spray valve
- Wall mounted base faucet with 8" (203 mm) centers



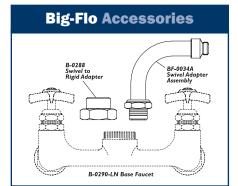
### B-0290 **Big-Flo Faucet**



- Wall mounted
- 8" (203 mm) centers
- 3/4" NPT model LL street EL inlets with locknuts
- 12" (305 mm) swing nozzle (114X)
- 175F four-arm 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-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)



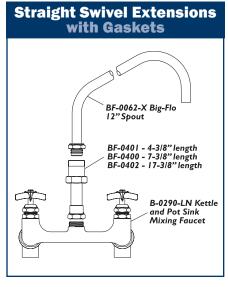
### **Big-Flo Flow Rates**

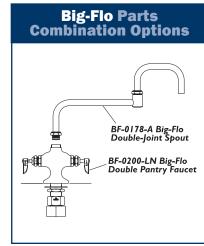
### B-0290, B-0291, B-0293 and B-0294

<b>/</b> -	- /	
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 Water Is Flowing	Either Hot or Cold Sides Open	Both Hot and 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







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

### B-0293 **Big-Flo Faucet**

- 8" centers
- Deck mounted
- 3/4" NPT model 00YY NPT female inlets
- 12" (305 mm) swing nozzle (114X)
- 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-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

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

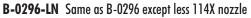
Note: This model includes LL street ELs. If not required, specify inlets of faucet 3/4" NPT female flange

### B-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) swing nozzle (114X)
- 175F four-arm handles
- 9-3/4" (284 mm) from deck to outlet of 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

### **BF-0176 Big-Flo Faucet**

- Deck mounted
- 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







### **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 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 include:

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





**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.

•	'
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	G.H. female
172A	1/4" NPT male (Fisher)
098A	Connect two hoses
· · · · · · · · · · · · · · · · · · ·	

Notes	

### Flexible Stainless Steel 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-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-0056-H** 56" flexible stainless steel hose

**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-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

I	В
1	16

Notes Notes			



# **Faucets and Components**















### **G-9** General Product Catalog

### **Table of Contents**



### Faucets and Components - • **Notes** T&S Product Adaptability · 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 C10 • **NEW!** Non-Aerated Spray Devices • **NEW!** EasyInstall Accessories C13 Sink and Pantry Faucets • Swivel Sink and Pantry Faucets with Swing Nozzles, Double-Joint Nozzles, Cast Nozzles and Swivel Goosenecks C14-22 • Rigid Sink and Pantry Faucets C23-24 Workboard Faucets and Nozzles .. C25-30 Workboard and Bar and Sink Faucets with Swing Nozzles, Double-Joint Nozzles and Swivel Goosenecks Waste Valves and Accessories ...... C30-33 • Twist, Lever and Specialty models and Waste Valve Accessories • **NEW!** Modular Waste Valve models C32-33 Parts Kits and Accessories ...... C34-35 • Parts, Repair and Replacement Kits Spindle Assemblies ...... C36

### NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the **G-9 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 C15.









### **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>063XM</b> Master Box (12)
<b>060XM</b> Master Box (12)	<b>064XM</b> Master Box (12)
<b>061XM</b> Master Box (12)	<b>065XM</b> Master Box (12)
<b>062XM</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 Sizes		
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

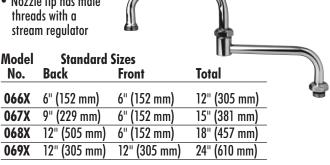
133XP Same as 133X except with plain end

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 threads with a stream regulator



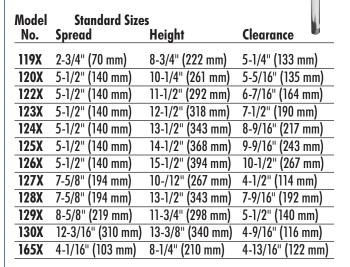
### **Double Joint Nozzle Sections**

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



### **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

1110401	
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 gergtor outlet



### Model

No.	Length	Height	Clearance
<b>0CS6</b>	6" (152 mm)	2-3/8" (60 mm)	15/16" (24 mm)
<b>0CS8</b>	8" (203 mm)	5-3/16" (132 mm)	3-13/16" (96 mm)

Note: Use Series 2 outlets on these spouts

# Swivel Vacuum Breaker <u>Go</u>oseneck

- 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

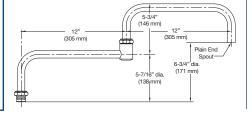
### **Big-Flo Nozzles**

### 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 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

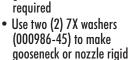
- For use with swivel type base faucets
- Chrome plated
- 8-1/2" (216 mm) spread swivel gooseneck
- 10-1/8" (257 mm) total height
- Non-splash aerator (B-0199-01)
- Other dimensions available upon request



### **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



**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, Zurn and Qualis faucets

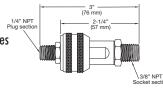
# **EZ-SWIVEL-FM Swivel Adapter**

 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- <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>F20</b>	2.00

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### **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 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** Series 1 Series 2 Series 3 Series 4 Series 5 • 3/8" NPSM male • 55/64"-27 UN • 13/16"-27 UN male • 15/16"-27 UN male • 13/16"-24 UN female thread aerator thread thread **NEW!** female thread aerator threads Fits goosenecks Fits lavatory spouts Fits single lever Fits other Check out our new water- Fits all swing nozzles and 131X, • -WS models are • -WS models are manufacturer's line water-saving water-saving · -WS models are faucets saving aerators and outlets! 133X gooseneck Includes adapter aerators aerators water-saving -WS models are and washer with aerators water-saving aerator aerators **Standard Aerators Aerator** B-0199-01 B-0199-02 B-0199-03 B-0199-04 (2.2 GPM) (2.2 GPM) (2.2 GPM) (2.2 GPM) Non-splash aerator **Vandal Resistant Aerator** Vandal resistant. non-splash aerator B-0199-06 B-0199-07 B-0199-08 B-0199-09 Use tool to attach (2.2 GPM) (2.2 GPM)(2.2 GPM)(2.2 GPM) and remove aerator **Water-Conserving Aerators Aerator with Flow Control** B-0199-02F- XX B-0199-03F- XX B-0199-01F- XX Non-splash aerator with flow control Refer to Aerator Flow Chart to add Suffix Numbers **Vandal Resistant Aerator** with Flow Control Non-splash, vandal B-0199-06F- XX B-0199-07F- XX | B-0199-08F- XX resistant aerator with flow control • Tool to attach and Refer to Aerator Flow Chart to add Suffix Numbers remove aerator **NEW! Non-Splash Aerator** 1.5 **GPM** B-0199-01-WS B-0199-02-WS B-0199-03-WS B-0199-04-WS B-0199-05-WS Non-splash aerator with (1.5 GPM)

flow control



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(1.5 GPM)

(1.5 GPM)

(1.5 GPM)

(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	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%

Models!

### 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**

### **NEW!**

Check out our new non-splash, non-aerated laminar flow devices!



### Series 1 Series 3

- 55/64"-27 UN female aerator threads
- Fits all swing nozzles, 131X, 133X gooseneck
- 13/16"-27 UN male aerator thread
- 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**

• Water-saving 0.5 GPM flow rate

### NEW!

Che sav dev

eck out our new water-	Sen
vices with 0.5 GPMI	• 55/64"-7 female • Fits all s

### es 1

- -27 UN 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



# B-0199-01-N05

(0.5 GPM)

(0.5 GPM)

# (0.5 GPM)

(0.5 GPM)

B-0199-02-N05 B-0199-03-N05 (0.5 GPM)

B-0199-04-N05 (0.5 GPM) (0.5 GPM)

(0.5 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





### B-0199-06-N05 B-0199-08-N05 B-0199-09-N05 B-0199-10-N05 B-0199-07-N05

(0.5 GPM)

### **Outlets**

### **Series 1 Outlets**

- 55/64"-27 UN female gergtor 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
- · 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-0199-23 **Self-Closing Water Saver Aerator**

- 55/64"-27 UN female inlet
- Provides hands free instant water shut off for any faucet
- Move rod to side to open water flow / release to shut off
- ADA compliant
- 4" (102 mm) rod

### **Series 2 Outlets**





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
B-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



# 1/2" I.D.

rubber or plastic tubing up to

• 3/8" NPT male inlet thread

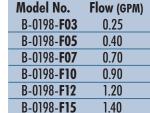
• Serrated hose end accepts

• Refer to Flow Tower Chart below to specify flow desired and add numbers to model suffix

**Flow Tower Chart** 

**B-0198-FXX** Series

Serrated Hose End



B-0198-**F20** 

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





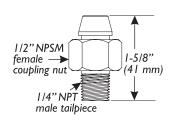


#### **Adapters and Supply Connectors**

Adapter Chart					
Dimension	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)	
3/4-14	male	x 1/2 NPT	male	000547-25 (55A)	
3/4-14	male	x 1/2 NPT	female	000548-25 (56A)	
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



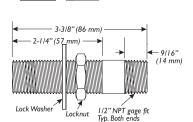
#### **Inlets and Supply Connections**

(51 mm)

#### B-0425 Supply Nipple

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

#### B-0426 Supply Nipple



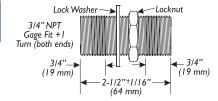
Locknut

Lock

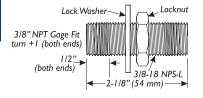
1/2" NPT

Washer

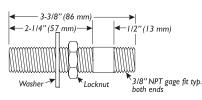
#### B-0427 Supply Nipple



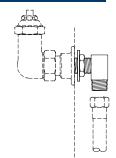
#### B-0428 Supply Nipple



#### B-0429 Supply Nipple



#### B-0230-K Parts Kit



Parts included:

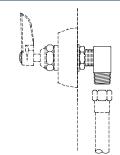
1/2" NPT Supply nipple, lock nut and washer

1/2" NPT Male x Female short EL

#### B-0230-KIT Parts Kit

- Parts included:
  - 2 1/2" inlet shanks and close and 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)

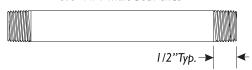
These red brass supply nipples have tapered pipe threads on each end and a running thread between. They are used on faucets with female inlets to make up tightly to vertical or horizontal surfaces. Washer and nut included. Available in chrome if specified.



#### **Risers and Connectors**

#### 3/8" Riser Lengths

3/8" NPT male both ends

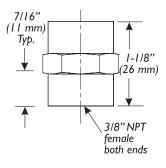


Model No.	Length	Model No.	Length
000357-40	2" (51 mm)	000369-40	18" (457 mm)
000358-40	3" (76 mm)	000372-40	24" (610 mm)
000361-40	5" (127 mm)	000376-40	32" (813 mm)
000363-40	7" (178 mm)	Contact factory	for sizes not shown.

#### Couplings

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

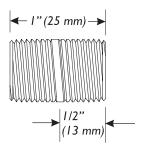
Dimension	Model No.
3/8" NPT female	001769-40
3/4-14 NPT female	001596-25



#### **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



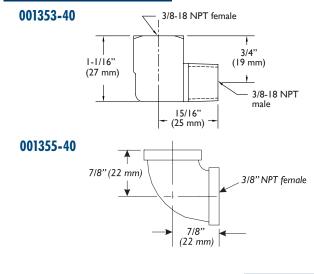
#### B-CVV1-2 Check Valve

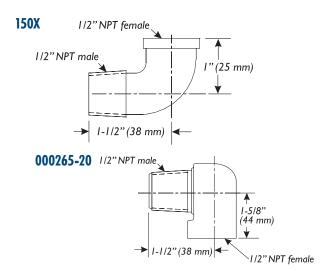
- Rough brass finish
- Chrome plated available upon request
- Designed for water use only



**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

#### **Elbows and Tees**

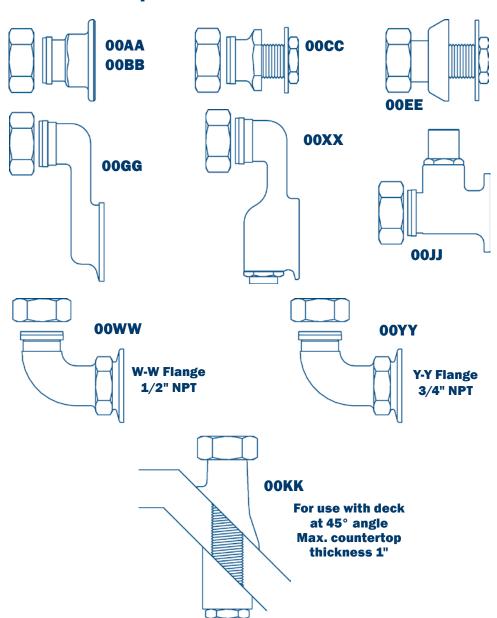




Description	Model No.
3/8" Elbow	001355-40
1/2" Short Elbow	006895-20
3/4" Street Elbow	000265-20 (00LL)
3/8" Bar Stock Street Elbow	001353-40



#### **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.

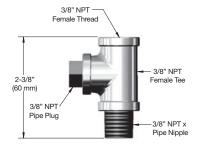
#### **EasyInstall Accessories**



#### B-TEE-RGD Tee Assembly

- EasyInstall rigid tee assembly
- Chrome plated



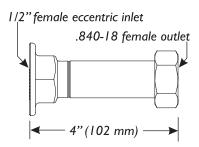


#### **Inlet Extensions**

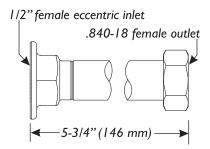
#### **B-0440**

# 1/2" female eccentric inlet .840-18 female outlet - 3" (76 mm)

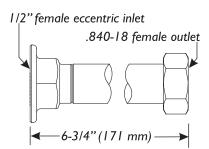
#### **B-0441**



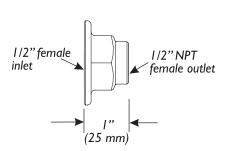
#### **B-0442**



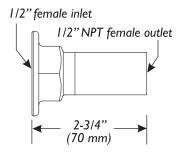
#### **B-0443**



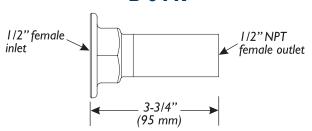
#### **B-0445**



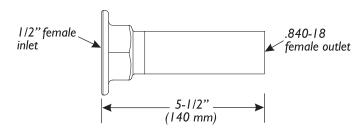
#### **B-0446**



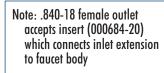
#### **B-0447**

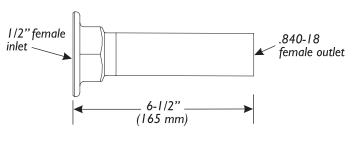


#### **B-0448**



#### **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. OOAA 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) 5-1/2" (140 mm) B-0448 6-1/2" (165 mm) B-0449

# Tas

#### **Swivel Pantry Faucets**

#### B-0200 Double Pantry Faucet

- Deck-mounted
- Swivel gooseneck (065X) with 18" (457 mm) length
- 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

New Vandal Resistant Model

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-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-0301** Same as B-0200 except with swivel gooseneck (133X)

#### B-0205 Single Pantry Faucet

- Deck-mounted
- Swivel gooseneck (065X) with 18" (457 mm) length
- 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, B-0970-01 vac. bkr.

**B-0205-60H-VB** Includes base faucet with 034A, B-0060-H hose, B-0107-035 spray valve, B-0104-D wall hook, B-0970-01 vac. bkr.

**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-M** Master Box (6)

**B-0208** Same as B-0205 except with 6" (152 mm) cast spout (OSC6)

**B-0255** Same as B-0205 — 18" (457 mm) dbl-joint swing nozzle (068X)

**B-0257** Same as B-0205 — 12" (305 mm) dbl-joint swing nozzle (066X)

**B-0306** Same as B-0205 except with swivel gooseneck (133X)

#### B-0210 Single Pantry Faucet



- Wall mounted
- Swivel gooseneck (065X) with 18" (457 mm) length
- Four arm handle (specify hot or cold)
- For supply nipples, specify B-0425
- 1/2" NPT female flanged inlet



**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-0262** Same as B-0210 except with 12" (305 mm) double joint swing nozzle (066X)

**B-0312** Same as B-0210 except with swivel gooseneck (133X)

#### B-0225 Double Pantry Faucet

- Deck-mounted
- Swivel gooseneck (065X) with 18" (457 mm) length
- Lever handles
- 4" (102 mm) centers
- For supply nipples, specify B-0425
- 1/2" NPT female inlets

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-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-M** Master Box (6)

**B-0325** Same as B-0225 except with swivel gooseneck (133X)

B-0325-CR Same as B-0325 except with cerama cartridges

B-0325-WH4 Same as B-0325 except with 4" (102 mm) wrist-action handles

**B-2283** Same as B-0228 except with B-0425 supply nipples

B-2283-CR Same as B-2283 except with cerama cartridges

**B-2283-065X** Same as B-2283 — 18" (457 mm) swing nozzle (065X)

**B-2501** Same as B-0225 except with 0SC6 6" (152 mm) cast nozzle

B-2501-CR Same as B-2501 except with cerama cartridges



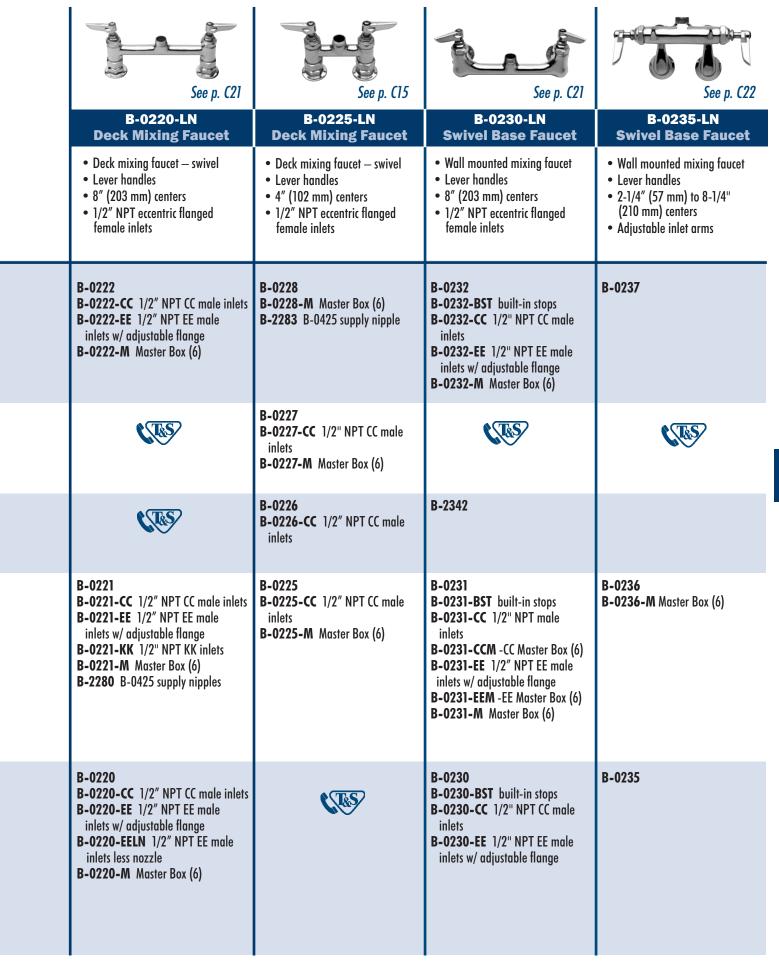
Other nozzles for these faucets cont.

on page C18



These base faucets an equipped with spring spindle assemblies. The for use with pre-rinse This combinate parts which mordered separts are also on the separts which mordered separts which more separts which mo	check hey are not units. rion has nust be rately.  Base Faucets	See p. C15  B-0200-LN 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	See p. C15  B-0205-LN Swivel Base Faucet  • Single pantry faucet, deckmounted • Lever handle (specify cold or hot) • 1/2" NPSM single shank • Furnished with 1/4" NPT tailpiece	
Swing Nozzle	<b>059X</b> 6" (152 mm)	B-0202	<b>B-0207 B-0207-M</b> Master Box (6)	
	<b>060X</b> 8" (203 mm)			
	<b>061X</b> 10" (254 mm)			
	<b>062X</b> 12" (305 mm)	<b>B-0201 B-0201-M</b> Master Box (6)	<b>B-0206 B-0206-M</b> Master Box (6)	
	<b>065X</b> 18" (457 mm)	B-0200 B-0200-M Master Box (6) B-0200CR-PRISON	B-0205 B-0205-M Master Box (6)	





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.

1-800-476-4103 (East Coast) 1-800-423-0150 (West Coast)







#### B-0200-LN **B-0205-LN Swivel Base Faucet Swivel Base Faucet**

- Double pantry faucet, deck-mounted
- Lever handles

Base

**Faucets** cont. from

p. C16-C17

- Single hole base faucet with 4" (102 mm) 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" NPT single shank
- Furnished with 1/4" NPT tailpiece

#### **Nozzles**



**Double-Joint Nozzle** 

**066X** 12" (305 mm)

**067X** 15" (381 mm)

**068X** 18" (457 mm)

B-0252

B-0251

B-0250

B-0257

B-0255

#### **Cast Nozzle**



**OCS6** 6" (152 mm)



B-0208

#### **Swivel Gooseneck**



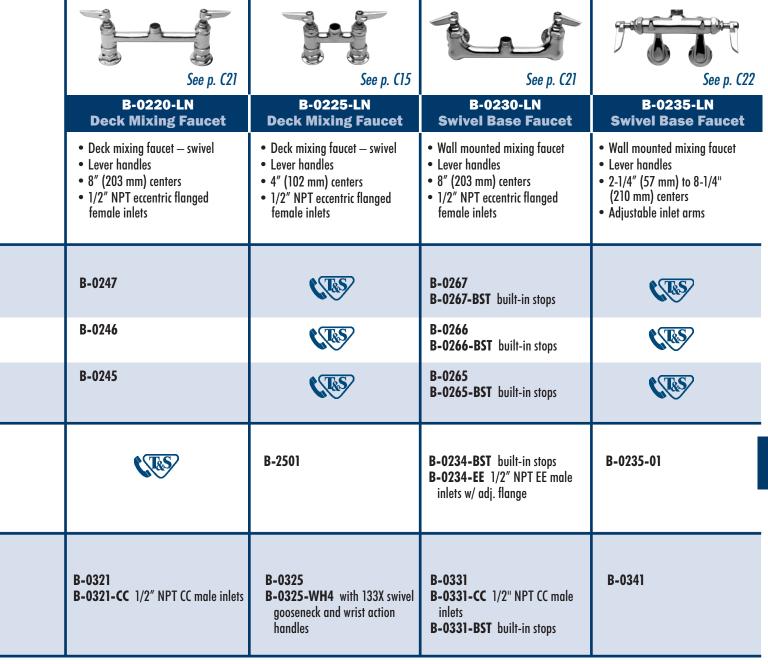
133X

B-0301

B-0306

# **Notes**





Notes			

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.

**Base Faucets** 



• Specify hot or cold



#### B-0210-LN B-0240-LN **Swivel Base Faucet Combination Sink Faucet**

- Wall mounted mixing faucet • Wall mounted mixing faucet • Four-arm handles
- 1/2" NPT female flanged inlet • Lever handles
  - 2-1/4" (57 mm) to 8-1/4" (210 mm) centers adjustable inlet arm
  - 1/2" NPT female flanged inlets

1-800-476-4103	(East Coast)
1-800-423-0150	(West Coast)

#### **Nozzles**

11022100			
Swing Nozzle	<b>059X</b> 6" (152 mm)	B-0212	B-0242
₩	<b>060X</b> 8" (203 mm)		
	<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	
	<b>067X</b> 15" (381 mm)		
	<b>068X</b> 18" (457 mm)	B-0260	
Cast Nozzle			
5	0SC6	B-0216	B-0243
Swivel Gooseneck	133X	B-0312	B-0343



#### **Swivel Pantry Faucets**

#### B-0220 Double Pantry Faucet

- · Deck mounted mixing faucet
- Swivel gooseneck (065X) with 18" (457 mm) length
- Lever handles
- 1/2" NPT eccentric flanged female inlets



Faucet Models!

- **B-0220-CC** Same as B-0220 except with 1/2" NPT CC male inlets
- **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 less nozzle, -CC inlets
- 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-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-0321** Same as B-0220 except with swivel gooseneck (133X)
- **B-0321-CC** Same as B-0321 except with 1/2" NPT CC male inlets
- **B-0321-CC-CR** Same as B-0231-CC except with cerama cartridges
- **B-0344** Same as B-225 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-0230 Double Pantry Faucet



- Wall-mounted pantry faucet
- Swivel gooseneck (065X) with 18" (457 mm) length
- 1/2" NPT eccentric flanged female inlets



- **B-0230-CC** Same as B-0230 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 cerama cartridges and 18" (457 mm) swing nozzle with B-0199-01 aerator
- **B-0230-EE** Same as B-0230 1/2" NPT EE male inlets w/ adj. flange
- B-0230-EE-061X Same as B-0230 except with 10" (254 mm) swing nozzle, 00EE inlets
- **B-0230-LN** Same as B-0230 except less nozzle
- **B-0230-LNM** -LN Master Box (6)
- **B-0230-M** Master Box (6)
- **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 cerama cartridges
- **B-0231-CCM** -CC Master Box (6)
- **B-0231-CR** Same as B-0231 except with cerama cartridges
- **B-0231-CR-M** -CR Master Box (6)
- **B-0231-EE** Same as B-0231 1/2" NPT EE male inlets with adj. flange
- **B-0231-EEM** -EE Master Box (6)
- **B-0231-M** Master Box (6)
- 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 cerama 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-EE** Same as B-0230 except with 1/2" NPT EE male inlets with adjustable flange and 6" (152 mm) cast spout (OSC6)
- **B-0234-EELN** Same as B-0234-EE except less nozzle
- **B-0265** Same as B-0230 18" (457 mm) dbl-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 15" (381 mm) dbl-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 12" (305 mm) dbl-joint swing nozzle (066X)
- **B-0267-BST** Same as B-0267 except with 1/2" BST built-in stops
- **B-0331** Same as B-0230 except with swivel gooseneck (133X)
- **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-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



#### **Swivel Pantry Faucets**

#### B-0233-01 Double Pantry Faucet

- Wall mounted mixing faucet
- Lever handles
- 8" (203 mm) centers
- 1/2" NPT eccentric flanged female inlets
- 6" (152 mm) soap dish nozzle (160X)



**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
- 18" (457 mm) swing nozzle (065X)
- 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-0210 except with 6" (152 mm) swing nozzle (059X) **B-0243** Same as B-0240 except with 6" (152 mm) cast nozzle (0SC6)

B-0343 Same as B-0240 except with swivel gooseneck (133X)

#### B-0235 Double Pantry Faucet

• Wall mounted mixing faucet

• 18" (457 mm) swivel gooseneck (065X)

- Lever handles
- Centers adjustable from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- 1/2" NPT female eccentric flanged inlets



**B-0235-01** Same as B-0235 except with 6" (152 mm) cast nozzle (0CS6)

**B-0235-LN** Same as B-0235 except less nozzle

**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-0316 Double Pantry Faucet

- Wall mounted mixing faucet
- Swivel gooseneck (133X), with 5-1/2" (140 mm) spread
- 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-0346 Double Pantry Faucet

- Wall mounted mixing faucet
- Swivel gooseneck (133X), with 5-1/2" (140 mm) spread
- Lever handles
- 1/2" NPT female eccentric flanged inlets



Notes		

#### **Rigid Pantry Faucets**

#### B-0300 Double Pantry Faucet

- Double pantry faucet, deck-mounted
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- 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 antirotation base and vandal-resistant aerator

B-0300-VR4 Same as B-0300-VR except with B-WH4 4" (102 mm) wrist action handles



- Single pantry faucet, wall-mounted
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- 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

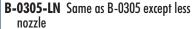
- Deck mounted mixing faucet with 8" (203 mm) centers
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- Lever handles
- 1/2" NPT female eccentric flanged inlets

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
- Lever handle (specify cold or hot)
- 1/2" NPSM male shank
- Nut and tailpiece furnished for optional 1/4" NPT connections



- **B-0305-VR** Same as B-0305 except with anti-rotation 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-0315 Double Pantry Faucet

- Wall mounted vertical mixing faucet
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- Four arm handles
- 3" (76 mm) vertical centers
- 1/2" NPT female inlets with flange

B-0315-LN Same as B-0315 except less nozzle



#### **Rigid Pantry Faucets**

#### B-0326 **Double Pantry Faucet**

- Deck mounted mixing faucet
- Rigid gooseneck (120X) with 5-1/2" (140 mm) spread
- Lever handles
- 4" (102 mm) centers
- 1/2" NPT female eccentric flanged inlets

**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
- Lever handles
- Adjustable inlet arms from 2-1/4" (57 mm) to 8-1/4" (210 mm)

**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
- Lever handles
- 3-3/8" (86 mm) centers
- 1/2" NPT female flanged inlets

**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
- Lever handles
- 8" (203 mm) centers
- 1/2" NPT female eccentric flanged inlets



**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
- Lever handles
- 1/2" NPT female inlets
- Adjustable inlet arms from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- 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, 3-1/2" Centers

- Deck-mounted
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- 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-LN** Same as B-1100 except without swing nozzle
- **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, 3-1/2" Centers

- Splash back mounted
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- 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)
- 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-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-1115-LN, B-1120-LN and B-1125-LN series faucets are available with 2" (51 mm) long, 1/2" IPS shanks for mounting on thick counter tops, sinks, etc. To order, add -XS to model number. Ex.: B-1120-XS.  1-800-476-4103 (East Coast) 1-800-423-0150 (West Coast)		See p. C25  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	See p. C25  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	
Nozzles		• 1" (25 mm) long shanks • 1/2" NPT thread	• 1" (25 mm) long shanks • 1/2" NPT thread	
Swing Nozzle	<b>059X</b> 6" (152 mm)	B-1100 B-1100-M Master Box (6)	B-1105 B-1105-M Master Box (6)	
	<b>060X</b> 8" (203 mm)	B-1101	B-1106	
	<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				
	133X	B-1140	B-1145	



See p. C25 B-1110-LN	See p. C28 B-1115-LN	See p. C28 B-1120-LN	See p. C28 B-1125-LN
• 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 • 1/2" NPT thread	• 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 • 1/2" NPT thread	• Deck mounted • Forged brass body • Removable seats • 10-1/2" (267 mm) long x 2" (51 mm) wide chrome plated escutcheon • 8" (203 mm) centers • 1" (25 mm) long shanks • 1/2" NPT thread	• Splash back mounted • Forged brass body • Removable seats • 10-1/2" (267 mm) long x 2" (51 mm) wide chrome plated escutcheon • 8" (203 mm) centers • 1" (25 mm) long shanks • 1/2" NPT thread
B-1110 B-1110-M Master Box (6) B-1110-XS with 2" (51 mm) shank	B-1115 B-1115-M Master Box (6) B-1115-XS with 2" (51 mm) shank	B-1120 B-1120-M Master Box (6) B-1120-XS with 2" (51 mm) shank	B-1125 B-1125-M Master Box (6) B-2289 Four arm handles (175F)
<b>B-1111 B-1111-M</b> Master Box (6) <b>B-1111-XS</b> with 2" (51 mm) shank	<b>B-1116 B-1116-M</b> Master Box (6)	B-1121 B-1121-M Master Box (6) B-1121-XS with 2" (51 mm) shank	B-1126 B-1126-M Master Box (6) B-1126-XS with 2" (51 mm) shank
<b>B-1112 B-1112-M</b> Master Box (6) <b>B-1112-XS</b> with 2" (51 mm) shank	B-1117 B-1117-M Master Box (6)	B-1122 B-1122-M Master Box (6) B-1122-XS with 2" (51 mm) shank	<b>B-1127</b> <b>B-1127-M</b> Master Box (6)
B-1113 B-1113-M Master Box (6) B-1113-XS with 2" (51 mm) shank	B-1118 B-1118-M Master Box (6)	B-1123 B-1123-M Master Box (6) B-1123-XS with 2" (51 mm) shank	B-1128 B-1128-M Master Box (6) B-1128-XS with 2" (51 mm) shank
<b>B-1131</b> <b>B-1131-XS</b> with 2" (51 mm) shank	B-1136	B-1132	B-1137
<b>B-1141</b> <b>B-1141-XS</b> with 2" (51 mm) shank	<b>B-1146 B-1146-XS</b> with 2" (51 mm) shank <b>B-1146-04</b> with B-WH4 handles and B-0199-01 aerator	<b>B-1142</b> <b>B-1142-XS</b> with 2" (51 mm) shank	B-1147



#### **Workboard Faucets**

#### B-1115 Workboard Faucet, 4" Centers

- Splash back mounted
- Removable seats
- 6" (152 mm) swing nozzle (059X)
- 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-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-1146** Same as B-1115 except with swivel gooseneck (133X)
- **B-1146-04** Same as B-1146 except with 4" (102 mm) wrist action handles (B-WH4) and B-0199-01 aerator
- B-1146-01A Same as B-1146 except with 131X swivel gooseneck with B-0199-01 gerator
- **B-1146-XS** Same as B-1146 except with 2" (51 mm) shank

#### B-1125 Workboard Faucet, 8" Centers

- Splash back mounted
- Removable seats
- 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



#### B-1120 Workboard Faucet, 8" Centers

Deck mounted

NEW

**Faucet** 

**Viodels!** 

- Removable seats
- 6" (152 mm) swing nozzle (059X)
- 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



- B-1120-F22 Same as B-1120 except with a 2.2 GPM aerator
- **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-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-1142** Same as B-1120 except with swivel gooseneck (133X)
- **B-1142-XS** Same as B-1142 except with 2" (51 mm) shank
- **B-1125-LN** Same as B-1125 except without swing nozzle
- **B-1125-LNM** -LN Master Box (6)
- **B-1125-M** Master Box (6)
- **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

#### **Workboard Bar / Sink Faucets**

#### B-1148 Workboard Faucet

- Deck mounted
- 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 aerator
- Lever handles



B-1149 Same as B-1148 except with 4" (102 mm) wrist action handles (B-WH4)

#### 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
- 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-1157** Same as B-1156 except with 8" centers (203 mm)

#### 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
- 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-1171 Workboard Faucet

- 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
- Built-in diverter
- Self-closing spray valve
- 4 ft. (1.2 m) reinforced vinyl hose and hose guide



**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



#### **Workboard Bar / Sink Faucets**

#### B-1177 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
- 1/2" 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
- Lever handles



#### B-1193 Workboard Faucet

#### **NEW** Workboard Faucet model

- Wall mounted
- 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
- 35° angle spray valve (B-0107-35)
  5 ft. (1.5 m) flexible stainless steel hose (B-0060-H)



#### Twist and Lever Waste Valves

- 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

B-3960

**Lever Waste Valve with Drain Adapter** 

· Master Packs available

#### B-3940 Twist Waste Valve with <u>Drain Adapter</u>



Model S	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"

\* "-01" models include an overflow assembly

- 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

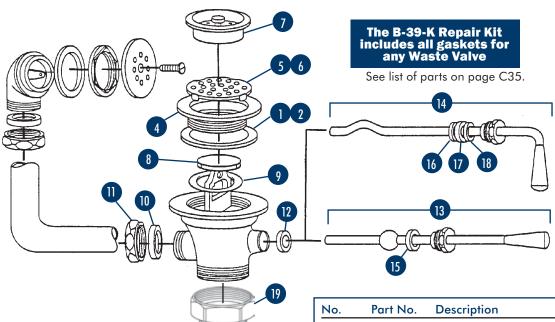


Model	Sink Opening	Drain Outlet
B-3960	3″	1½" or 2"
B-3960-0	01* 3"	1½" or 2"
B-3962	3″	2"
B-3962-0	01* 3"	2"
B-3970	31/2"	1½" or 2"
B-3970-0	01* 3½"	1½" or 2"
B-3972	31/2"	2"
B-3972-0	01* 3½"	2"

<sup>\* &</sup>quot;-01" models include an overflow assembly



#### **Twist and Lever Waste Valves**



#### **Model Specifications for Lever and Twist Waste Valves**

Model	Sink 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

No.	Part No.	Description
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		Twist Handle Washer*
18		Twist Handle 'O'-Ring*
19	014959-45	Adapter (converts 2" NPT male to 1½" NPT male)

<sup>\*</sup> These parts are included in the B-39-K Repair Kit

#### **Waste Valve Accessories**

#### 010387-45 **Basket Strainer**

• Available on all 3-1/2" models as a modification

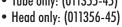
Also available: Flat Strainer -3" (010385-45) 3-1/2" (010386-45)



#### **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)





# Tas

#### **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:

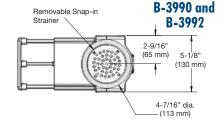
- Modular design for easy installation and maintenance
- Large drain opening to accommodate high-volume applications
- Push-pull valve activation with rugged handle to endure extreme abuse
- Unique installation tool included to make installation easy
- · Handle extension kits available
- 1-year warranty

#### B-3990 Modular Waste Valve

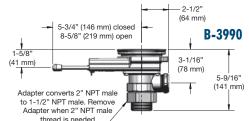
- Modular design for easy installation and maintenance
- For 3-1/2" sink opening
- 2" NPT female x 1-1/2" NPT male adapter
- **B-3990-BSP** Same as B-3990 except with 1-1/2" BSP male adapter
- B-3990-3X Same as B-3990 except includes 3" handle extension kit
- **B-3990-5X** Same as B-3990 except includes 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)





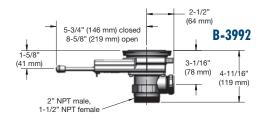


#### B-3992 Modular Waste Valve

- 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 <u>all</u> Modular
   Waste Valves
- Helps installation of both 3" and 3-1/2" drains
- Can order this part separately



#### **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

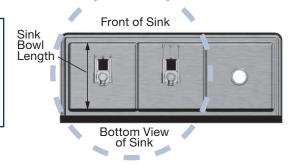
#### **B-3990-3KIT** 3" Handle Extension Kit

- 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**

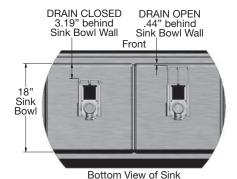
- Includes three (3) 5" extension rods and a capsule of Loctite 222
- Extends Modular Waste Valve handles by 5"

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

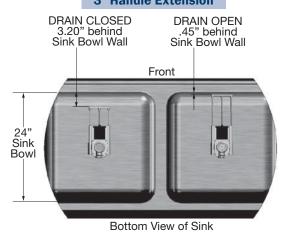


#### **Recommended Extension Kits for the Modular Waste Valves Based On Popular Sink Bowl Length**

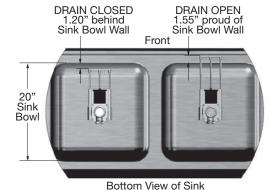
#### 18" Sink Length with **NO Handle Extension**



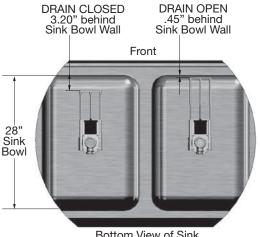
## 24" Sink Length with 3" Handle Extension



#### 20" Sink Length with 3" Handle Extension



#### 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

Removable seats (000761-20)

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

#### **B-7K Master Parts Kit for Eterna Spindles**

Parts include:

12 (000788-20) Right hand Eterna inserts

(000789-20) Left hand Eterna inserts

12 (000811-25) Right hand spindle inserts

(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

(009841-45) Seat washers



#### **B-13K Spring Check Spindle Assembly Kit**

Parts included:

1 001907-25 Right hand spindle insert 001908-25 Left hand spindle insert

Seat washer — spring 003164-45

check

2 001479-45 Spring check spring



#### **B-6K Eterna Spindle Parts Kit**

• Parts include:

(000788-20) Right hand Eterna insert

(000789-20) Left hand Eterna insert

(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

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

• Parts include:

1 (001637-45) Lever handle hot

(001636-45) Lever handle cold

(001661-45) Index button, red, cold

(001660-45) Index button, blue, cold

(000922-45) Lever handle screws

#### **B-12K B-1100 Spindle Parts Kit**

Parts include:

1 (000800-25) Right hand spindle

Left hand spindle 1 (000801-25)

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





#### **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,

stainless 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)

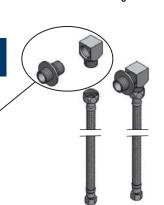


#### B-39K Waste Valve Repair Kit

- Parts included:
  - 1 3-1/2" Head gasket
  - 1 3" Head gasket
  - 1 Plunger 'O'-ring
  - 1 Outlet coupling washer
- Drain bushina
- 1 Twist handle washer
- 1 Twist handle 'O'-Ring
- 1 Twist handle 'C'-ring
- 1 Lever handle bushing

#### B-0230-KIT Parts Kit

- Parts included:
  - 2 1/2" inlet shanks and close velbows—inlet assembly kit (2 sets per kit)
  - 1 24" flexible supply hose (two sets per kit)

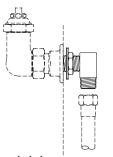


#### B-23K Spring Check Spindle Assembly Replacement Kit

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



#### B-0230-K Parts Kit

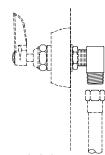


• Parts included:

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-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

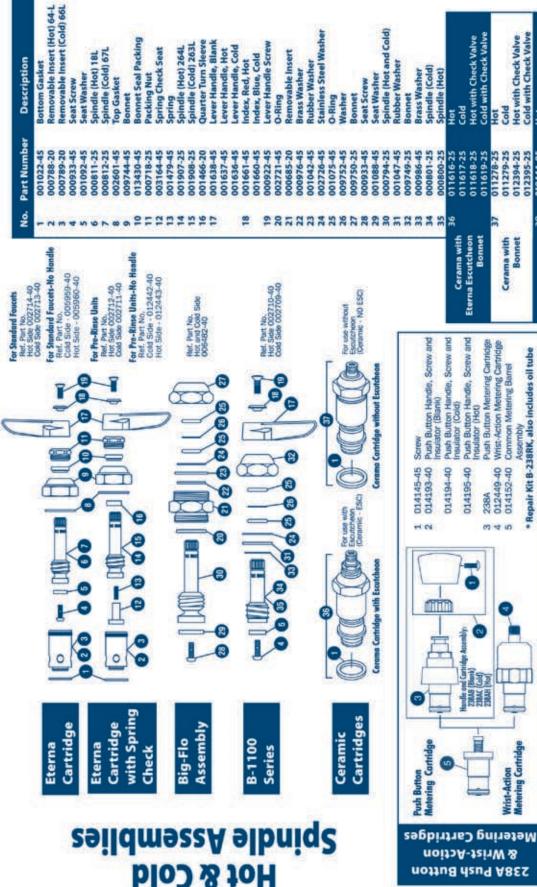
Wall Mount Faucet Adapter For T&S Faucet To Fisher Inlets

- 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





# Hot & Cold



	200	24-00000	Court annuals
The State of the S	36	011616-25	Hot
Cerama with		011617-25	Cold
Eterna Escutcheon		011618-25	Hot with Check Valve
Bonnet		011619-25	Cold with Check Valve
	37	011278-25	Hot
Cerama with		011279-25	Cold
Bonnet		012394-25	Hot with Check Valve
		012395-25	Cold with Check Valve
	38	012444-25	Hot
Cerama with		012445-25	Cold
Bonnet		012446-25	Hot with Check Valve
and Handle		012447-25	Cold with Check Valve
THE PERSON NAMED IN	39	011276-45	Hot
Cerama without		011277-45	Cold
Bonnet		011311-25	Hot with Check Valve
		011312-25	Cold with Check Valve

\* Repair Kit B-238RK, also includes oil tube

Common Metering Barrel

012449-40

Wrist-Action Metering Cartridge

Push Button Handle, Screw and Push Button Handle, Screw and Insulator (Hot) Push Button Metering Cartridge Wrist-Action Metering Cartridge

014194-40 014195-40

nsulator (Cold)











### **G-9** General Product Catalog

#### **Table of Contents**

# Institutional, Medical and Lab Products – D

Single Lever Faucets	<b>j</b>
<ul> <li>Single Lever Faucets, Deck and Side Mount, Centerset, Swivel and Rigid Gooseneck Assemblies</li> </ul>	
ChekPoint™ Electronic Faucets <b>D6-1</b>	1
<ul> <li>ChekPoint<sup>™</sup> Electronic Sensor Faucets, Deck, Wall and Side Mount, Rigid Gooseneck and Cast Spout Assemblies</li> <li>NEW MODELS! Electronic Faucets</li> </ul>	D10-11
Medical and Lavatory FaucetsD12-	23
<ul> <li>Medical Lavatory Faucets with or without Adjustable Centers D12-</li> <li>Centerset Faucets with or without Pop-Up Assembly</li> <li>Pivot Action Metering Valve Faucets</li> <li>Slow Self-Closing Metering Faucets</li> <li>Surgical Sink Faucets</li> </ul>	14, 16-17 D15, 18 D19-20 D20-22 D23
Pedal Valves, Dummy Goosenecks and Bubblers	-27
<ul><li>Single and Double Pedal Valves</li><li>Knee Valves</li><li>Dummy Goosenecks</li><li>Bubblers</li></ul>	D24-25 D25 D26-27 D27
Service Sink and Sill Faucets D28-	.35
<ul> <li>Service Sink Faucets with Vacuum Breakers</li> <li>Service Sink Faucets with Built-In Stops</li> <li>Service Sink Faucets with Spring Checks</li> <li>Service Sink Faucet Accessories</li> <li>Sill and Heavy Duty Sink Faucets</li> </ul>	D28-30 D28-33 D30-31 D34 D34-35
Medical Bedpan Washers D36-	38
Bath and Shower D38-	.42
<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>	D38 D39 D39-40
Personal Spray Assemblies	D40-42

**NEW!** Pressure Balancing Shower Valve



Vacuum Breaker Assemblies <b>D43</b>	
Laboratory Products D44	-57
<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>	D44-46 D46 D46 D47 D48 D48-49
Stops and Supplies <b>D57-</b>	58
<ul> <li>Straight and Angle Loose Key Stops</li> </ul>	D57-58
Parts Kits Spindle Assemblies	-61
Faucet Fittings D62-	· <b>72</b>
<ul> <li>Nozzles, Goosenecks, Spouts, Aerators, Outlets, Handles, Conversion Adapters, Quick-Connections, Supplies, Risers and Connectors, Inlets, Inlet Extensions, Outland Wall Hooks</li> <li>NEW! Low Flow Aerators/Outlets</li> </ul>	

#### **NEW!** Water Conservation Models...**D73-78**

- The T&S Commitment to Water Conservation
- T&S Water-Saving Plumbing Models
- Low Flow Aerators and Outlets
- Water Conservation Products Definitions and Use

#### NOTE:

D41

A comprehensive Index By Model or Part Number and Page can be found in the **G-9 General Product Catalog** "Master Index" section (IN).









#### T&S Brass is Pleased To Introduce

### **Our New Line of High-Quality Shower Valve Products**



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:

B-3200

A solid brass Pressure
 Balancing Shower Valve,
 along with a selection
 of trims and other
 components

- 2.5 GPM Shower Head
- Solid brass TubSpout
- Removable Hand-held Spray with flow control adjustment (from 0.5 GPM to 2.0 GPM)

Our Pressure Balancing Shower Valve features 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 rough-in applications. The trim kit and other components can also be ordered separately to suit your installation requirements.

Related Shower Valve products include:

- 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

E



Pressure Balancing Shower Valve B-3204-PBV

See page D41 for more information about these new products!



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



#### Spare Parts and Accessories:

017439-45	Solid brass tub spout w/ diverter lift knob, polished chrome finish
017441-45	Ceramic cartridge, rotary actuation w/ adj. temperature limit stop
017442-45	Polished chrome shower head w/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.**

2 Saddleback Cove • P.O. Box 1088 • Travelers Rest, SC 29690 Phone 864.834.6715 • Fax 864.834.3518

#### **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 gergtor



**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 0.5 GPM non-aerated spray device

B-2710-VF05 Same as B-2710 except with 0.5 GPM vandal-resistant non-aerated spray device

**B-2711-F05** Same as B-2711 except with 0.5 GPM non-aerated spray

B-2711-VF05 Same as B-2711 except with 0.5 GPM vandal-resistant non-aerated spray device

#### **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





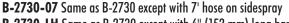
#### B-2743 **Single Lever Faucet**

- 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-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-LH** Same as B-2711 except with 6" (152 mm) long handle

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-LF05** Same as B-2742 except with 0.5 GPM aerator

**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

• Ceramic Cartridge with 2-year warranty



#### B-2701 Single Lever Faucet

- Single lever faucet with rigid base
- Ceramic catridge with temperature limit adjustment
- 2.2 GPM gergtor
- 3/8" compression female flexible stainless steel supplies



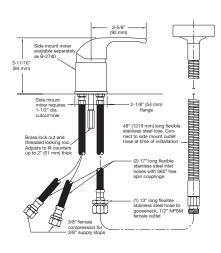
#### B-2703 Single Lever Faucet

- 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



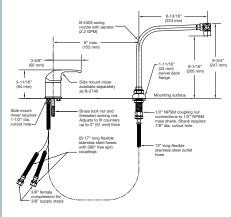
#### B-2745 Side Mount Faucet

- Side mount faucet with B-2740 side mount base
- B-1000 48" flexible stainless steel hose



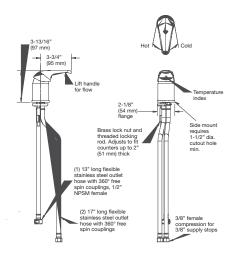
#### B-2746 Side Mount Faucet

- Side mount faucet with single lever base mixing faucet
- 3/8" compression female flex stainless steel supplies



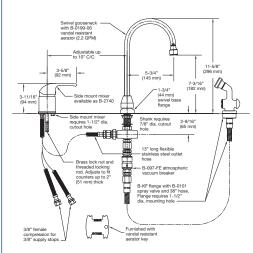
#### B-2740 Side Mount Faucet

- 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 faucet with remote control base
- Flexible supplies
- Swivel gooseneck with vandal resistant aerator (2.2 GPM)
- Under the counter vacuum breaker on hose





#### Our Extended Line of ChekPoint™ Electronic Faucets

Now, you have many more options to choose from with our watersaving T&S ChekPoint™ Electronic Sensor Faucets! Along with ease of installation and a convenient AC/DC control module, these new options are available to customize ChekPoint™ faucets:

- -HG Hydro-generator option (all models)\*
- -LF 2.2 GPM vandal-resistant laminar flow option (all models)
- -LN Less nozzle option (EC-3100, EC-3101 faucet bodies)
- -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 **NEW EC-HARDWIRE** and **EC-EASYWIRE** allow you to gang up to eight ChekPoint faucets while using only one power supply

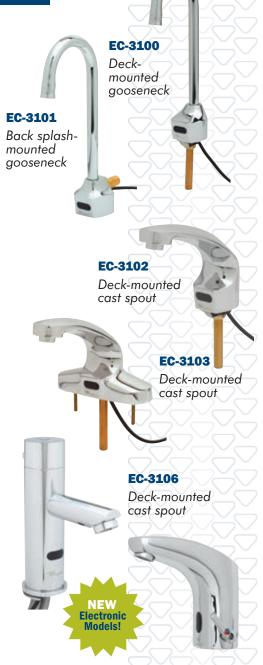
Our NEW EC-3119A and EC3119B Electronic Faucets have internal above deck electronics for ease of installation

Our NEW 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 may be set at either 10, 25, 45, 60 sec., 3 min., 20 min.; default setting is 10 sec.
- Adjustable water shut-off delay may be set at either 1, 2, 4, or 10 sec.; the default setting is 1 sec.
- Auto flush for 30 sec. after every 12 hours of inactivity; default is the "Off" position
- 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





#### EC-3119B\*

Above deck electronics deck-mounted cast spout and side mount temperature control

\* Standard ChekPoint<sup>IM</sup> under deck electronic components are not compatible with these models

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#### **Chekpoint™ Electronic Sensor Faucets**

#### **NEW MODELS!**

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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 Electronic Faucet

Wall-mounted cast spout
 Height: 11" (280 mm)
 Spread: 4-1/8" (104 mm)

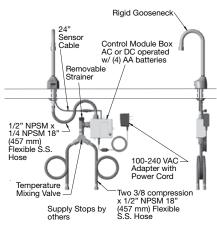
• Clearance: 5-9/16" (141mm)

EC-3101-LF22 Same as EC-3101 except with 2.2 GPM laminar flow vandal resistant aerator

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





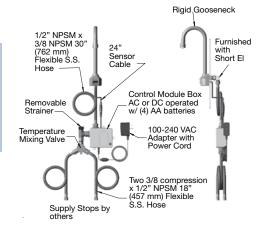
To order the standard CheckPoint™

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-3100-TMV EC-3101-TMV EC-3102-TMV EC-3103-TMV EC-3106-TMV



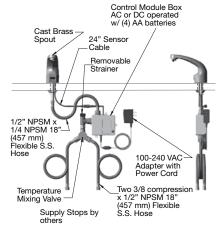
#### EC-3102 Electronic Faucet

- 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 vandal resistant aerator

EC-3102-VF05 EC-3102 faucet with 0.5 GPM vandal-resistant spray device





EC-3103
and
EC -3106
Electronic
Faucets
(on next page)

#### **NEW MODELS!**

• AC/DC control module (electric plug-in and battery)



#### EC-3103 Electronic Faucet

**ChekPoint™ Electronic Sensor Faucets** 

All models have: • 2.2 GPM vandal resistant aerator

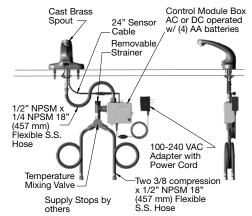
T&S ChekPoint™

- 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 aerator

EC-3103-VF05 EC-3103 faucet with 0.5 GPM vandal-resistant spray device





# 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

# 3-5/8" x 4-3/16" x 2" deep (92 mm x 106 mm x 51 mm) Waterproof Control Module Box (Blue) w Internal Flow Control Setting Switches, (4) AA Batterias and w (4) AA Batterias 24" (610 mm) Sensor Cable 7 DECK 2" Max.— (50 mm) Sensor Cable 7 100-135 VAC Adapter w/ (108 mm) Sensor Cable 7 Temperature Musing Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Additional Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Additional Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to Cornect) Setting Valve Cord. (Remove Rubber Pluga on Module and Cable to

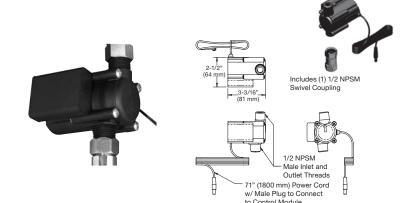
To order the standard CheckPoint™

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-HYDROGEN Hydro-Generator Accessory For ChekPoint™ Faucets

- Hydro-generator with 1/2 NPSM male inlet and outlet threads
- Accessory for all ChekPoint™ electronic sensor faucets
- Includes generator, (1) 1/2 NPSM swivel coupling
- 71" (1800 mm) power cord with male plug to connect to control module
- Average estimated lifespan for EC-HYDROGEN is ten years (estimate based on 1 million cycles in lab testing; individual results may differ)



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#### **ChekPoint™ Electronic Faucets with Side Mount Faucet**

#### **NEW MODELS!**

All models have: • 2.2 GPM vandal resistant aerator

#### EC-3100-SM **Side Mount Faucet**



- 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
- (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

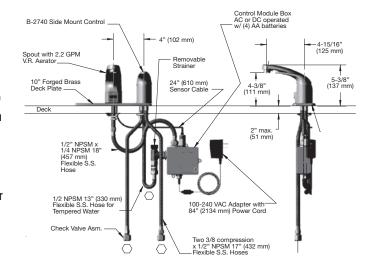
EC-3100-5M-4DP Same as the EC-3100 except with a 6" (152 mm) forged brass deck plate

#### 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)
- 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

#### Control Module Box AC or DC operated w/ (4) AA batteries B-2740 Side Mount Contro 4" (102 mm) 11-9/16" (294 mm Removable Strainer Rigid Gooseneck with 2.2 GPM V.R. Aerator 4-1/16" 24" (610 mm) Sensor Cable 1/2" NPSM x 1/2 NPSM 18 (457 mm) Flexible S.S. Hose 1/2 NPSM 13" (330 mm) Flexible S.S. Hose for 100-240 VAC Adapter with 84" (2134 mm) Power Cord Check Valve Asm

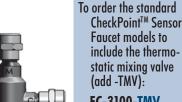
AC/DC control module (electric plug-in and battery)



#### **EC-TMV Thermostatic Mixing Valve**



- Thermostatic mixing valve with 1/2" NPSM male fittings
- Tested and certified to ASSE 1070/ASSE 1016
- 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



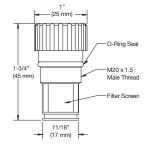
**EC-3100-TMV EC-3101-TMV** EC-3102-TMV **EC-3103-TMV EC-3106-TMV** 

#### **EC-FILTER Electronic Faucet**



• Replacement filter for ChekPoint™ control module







#### **ChekPoint™ Electronic Sensor Faucets**

#### **NEW MODELS!**

These **NEW** ChekPoint™ models have: Internal above deck electronics for ease of installation 2.2 GPM vandal-resistant aerators



#### EC-3119A **Electronic Faucet**



- Deck-mounted cast spout
- Above deck electronic faucet
- Includes flexible connections for ease of installation

Note: Standard under sink control components are not compatible with this model

EC-3119A-DP Same as EC-3119A except includes 6" cover plate

EC-3119A-VF05

EC-3119A faucet with 0.5 GPM vandal-resistant spray device



Shown with flexible connections for ease of installation

#### EC-3119B Electronic Faucet



- Deck-mounted cast spout
- Side lever temperature control
- Above deck electronic faucet
- Includes flexible supplies for ease of installation

Note: Standard under sink control components are not compatible with this model

EC-3119B-DP Same as EC-3119B except includes 6" cover plate

EC-3119B-VF05

EC-3119B faucet with 0.5 GPM vandal-resistant spray device







#### ChekPoint™ Electronic Sensor Faucets

#### **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
- . Allows up to eight (8) electronic ChekPoint faucets to be ganged to a single power jack
- Requires one EC-EASYWIRE4CC connector per faucet

#### **EC-EASYWIRE4CC** ChekPoint™ Installation Kit

- 4' connector cables for EasyWire AC transformer connections in a daisy chain
- 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,
- Terminal block allows you to hardwire up to eight (8) ChekPoint faucets to a single power vlaaus
- Connect to terminals on back of ChekPoint Control Module
- Mounting plate serves as lid for standard size conduit box (box not included)
- Note: wiring supplied by others





EC-3100

EC-3101

EC-3103



**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<sup>TM</sup> 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.

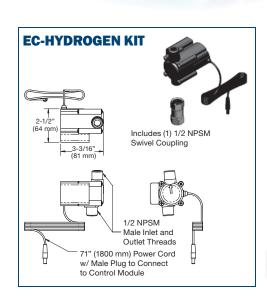
The kit includes a female-to-female ½ NPSM swivel adapter, a hydro-generator with 1/2 NPSM inlet and outlet and attached power cord for connection to the existing sensor faucet control module. The use of the T&S ChekPoint™ EC-HYDROGEN and/or T&S ChekPoint™ Electronic Faucets may help qualify towards 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-3102

#### **Medical Lavatory Faucets with Adjustable Centers**

All models have: • 1/2" O.D. slip inlets

Valves adjustable for angle installation

• Teflon seat washers



#### 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)

#### **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)

**B-PV Pedal Valve Connection** 

• Pedal valve connection



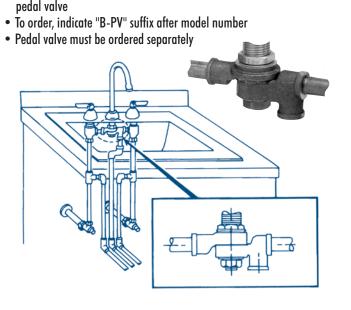
(B-PV)

#### **Hot and Cold Center Sections Can Be At Angle** Cold If "Y" is Then faucet will fit "X" with standard 1/4" IPS cross pipes furnished 1/2" 1" 7-3/4" 7-3/8" 1-1/2"

#### 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)

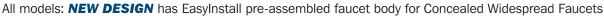




 Pedal valve connection can be furnished on all B-0865 style faucets Allows faucet to be operated with either wrist action handles or foot

#### **Medical Lavatory Faucets**

#### **NEW MODELS!**



Easy installation

- 1/2" O.D. slip inlets
- Teflon seat washers
- 1/2" NPSM coupling nuts

**PATENTED** 

**DESIGN** 

**PATENT** 

NUMBER 7,472,434

## Easy Install

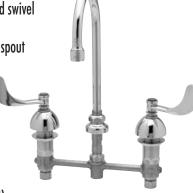
# B-2386 Medical Lavatory Faucet with Swivel Gooseneck

- EasyInstall faucet
- 5" (127 mm) spread swivel gooseneck
- Swivel/rigid gooseneck spout
- 8" (203 mm) centers
- Aerator outlet (B-0199-01)
- 10" (254 mm) clearance from deck to outlet
- Lever handles



#### B-2866-05 Medical Lavatory Faucet

- EasyInstall faucet
- 5-3/4" (146 mm) spread swivel gooseneck
- Swivel/rigid gooseneck spout
- 8" (203 mm) centers
- Non-splash aerator (B-0199-01)
- 6-1/4" (159 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4)



- **B-2866-01** Same as B-2866-05 except with 8-3/4" (223 mm) spread gooseneck (135X) with stream regulator
- **B-2862** Same as B-2866-01 except with non-splash aerator (B-0199-02)
- **B-2862-WS** Same as B-2862 except with low-flow aerator (1.5 GPM)
- **B-2866-05FC** Same as B-2866-05 except with 5-3/4" spread plain end gooseneck (133XP)
- **B-2862-WS** Same as B-2862 except with low-flow aerator (1.5 GPM)
- **B-2866-05-WS** Same as B-2991 except with low-flow aerator (1.5 GPM)

#### B-2865-04 Medical Lavatory Faucet

EasyInstall faucet

- 5-1/2" (140 mm) spread rigid gooseneck (120X)
- 8" (203 mm) centers
- Rosespray outlet (B-0103)
- 5-1/16" (129 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4)



- **B-2865-04L** Same as B-2865-04 except with 12" (305 mm) centers; not EasyInstall faucet
- **B-2865** Same as B-2865-04 except with 6" (152 mm) wrist action handles (B-WH6)
- **B-2865-05** Same as B-2865-04 except with 12" (305 mm) flexible stainless steel inlet supplies; not EasyInstall faucet
- **B-2865-05-120XA** Same as B-2865-05 except with 12" flex lines, and B-0199-02 aerator; not EasyInstall faucet
- **B-2865-05-133XA** Same as B-2865-05 except with swivel gooseneck and B-0199-01 2.2 GPM aerator; not EasyInstall faucet
- **B-2865-05-WS** Same as B-2865-05 except with low-flow aerator (1.5 GPM)
- **B-2865-06** Same as B-2865-04 except with 6" (152 mm) centers; not EasyInstall faucet

#### 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 6" wrist-action handles (B-WH6)
- **B-2866-F05** Same as B-2866 0.5 GPM non-aerated spray device
- B-2866-LF12-CR4 Same as B-2866 except for cerama cartridges and 1.2 GPM flow tower outlet
- **B-2866-VF05** Same as B-2866 except with 0.5 GPM vandal-resistant non-aerated spray device

## Tas

#### **Medical Lavatory Faucets**

#### **NEW MODELS!**

5

**PATENTED** 

**DESIGN** 

**PATENT** 

**NUMBER** 

7,472,434

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

## Easy Install

#### B-2867-04 Medical Lavatory Faucet

- EasyInstall faucet
- 5-9/16" (141 mm) spread rigid gooseneck (120X)
- 8" (203 mm) centers
- Non-splash aerator (B-0199-02)
- 5-5/16" (135 mm) clearance from deck to face of spray
- 4" (102 mm) wrist action handles (B-WH4)



- **B-2867-04L** Same as B-2867-04 except with 12" (305 mm) centers; not EasyInstall faucet
- 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 0.5 GPM non-aerated spray device
- **B-2867-04-VF05** Same as B-2867-04 except with 0.5 GPM vandal-resistant non-aerated spray device
- B-2867-04-WS Same as B-2867-04 except with low-flow aerator (1.5 GPM)

Notes		

#### B-2868-04 Medical Lavatory Faucet with Pop-Up Valve

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-2869 except with B-0199-02 aerator

#### 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



D 14

#### **Medical Lavatory Faucets**

All models have: • 4" (102 mm) centers

• Fit sinks up to 1-3/8" (34 mm) thick

• 1/2" O.D. slip inlets

**NEW MODELS!** 

•15/16" (23 mm) diameter top shoulder to fit 1" (25 mm) diameter hole in basin

New

Water-

Saving

Models

• 1/2" NPS shanks

#### B-0890 **Medical Lavatory Faucet**

- 3-3/4" (95 mm) cast basin spout
- Aerator outlet (B-0199-03
- 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-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 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 0.5 GPM nonaerated spray device
- **B-0890-VF05** Same as B-0890 0.5 GPM vandal-resistant non-aerated spray device
- **B-0890-WS** Same as B-0890 low-flow gerator (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)



#### B-0892 **Medical Lavatory Faucet**

- 6-13/16" (174 mm) clearance from deck to
- 4" (102 mm) from centerline to center of outlet
- Rigid gooseneck with 2-3/4" (70 mm) spread (119X)
- Aerator outlet (B-0199-01)
- 4" (102 mm) wrist action handles (B-WH4)
- 1/2" NPT coupling nuts



- **B-0892-M** B-0890 Master Box (6)
- B-0892-01 Same as B-0892 except with rigid gooseneck with 4-1/16" (103 mm) spread (165X)
- **B-0892-FC** Same as B-0892 except with plain end rigid gooseneck (119XP)
- **B-0892-VRS** Same as B-0892 except with vandal resistant screws in handles and vandal resistant non-splash aerator (B-0199-08)
- **B-0892-01-WS** Same as B-0892-01 except with low-flow aerator (1.5 GPM)
- B-0892-122X-LAM Same as B-0892 except with B-0199-21 laminar flow and 122X rigid gooseneck
- B-0892-CR-HW Same as B-0892 except with cerama cartridaes, swivel gooseneck and low-flow gergtor (1.5 GPM)
- B-0892-CR-WS Same as B-0892 except with ceramic cartridges and low-flow aerator (1.5 GPM)
- **B-0892-F05** Same as B-0892 except with 0.5 GPM non-aerated spray
- B-0892-LF12-CR4 Same as B-0892 except with cerama cartridges, swivel gooseneck and 1.2 GPM flow tower
- B-0892-VF05 Same as B-0892 except with 0.5 GPM vandal-resistant non-aerated spray device
- **B-0892-WS** Same as B-0892 except with low-flow aerator (1.5 GPM)
- **B-0893** Same as B-0892 except with pop-up waste assembly (B-0898)

#### B-2320 **Medical Lavatory Faucet**

- Swivel gooseneck with 2.2 GPM aerator
- Swivel to rigid adapter
- 4-1/8" (105 mm) clearance from deck to outlet
- Eterna cartridges
- Lever handles
- 1/2" NPSM coupling nuts



- 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









• 1-1/4" (32 mm) diameter 17 gage tailpiece



- Cast brass polished chrome plated grid
- Captive grid
- 1-1/4" (32 mm) diameter 17 gage tailpiece





D 16

**PATENTED DESIGN** 

**PATENT** 

NUMBER

#### **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-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-2851** Same as B-2850 except with swivel/rigid swivel gooseneck spout
- B-2851-L Same as B-2851 except with 12" (305 mm) standard centers; not EasyInstall faucet
- **B-0850** Same as B-2850 except with valves adjustable for angle installation; not EasyInstall faucet
- **B-2852** Same as B-2850 except with swivel gooseneck (135X) and non-splash aerator
- B-2850-F05 Same as B-2850 except with 0.5 GPM non-aerated spray device
- B-2850-VF05 Same as B-2850 except with 0.5 GPM vandalresistant non-aerated spray device
- **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)

#### **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-2853-RSW-VR05 Same as B-2853-RSW-061X except with rigid to swivel 90° restricted gooseneck, B-0199-06F-05 (0.5 GPM) vandal resistant aerator, 9-1/2" (283 mm) clearance from outlet to deck, 7-1/8" (180 mm) spread

**Models** 

#### 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

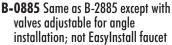




- B-0855 Same as B-2855 except with valves adjustable for angle installation; not EasyInstall faucet
- **B-2855-WS** Same as B-2855 except with low-flow aerator (1.5 GPM)

#### 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





## Tas

#### **Lavatory 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-2990 Lavatory Faucet



**PATENTED** 

**DESIGN** 

**PATENT** 

**NUMBER** 

7,472,434

- 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

I/2" NPSM coupling nuts o
 Lever handles

Saving

Models



- **B-2990-FL** Same as B-2990 except with flexible supply lines; not EasyInstall faucet
- B-2990-175F Same as B-2990 except with four arm handles
- 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-WS Same as B-2990-WH4 except with low-flow aerator (1.5 GPM)
- **B-2990-F05** Same as B-2990 except with 0.5 GPM non-aerated spray device
- **B-2990-VF05** Same as B-2990 except with 0.5 GPM vandal-resistant non-aerated spray device
- B-2990-WH4-WS Same as B-2990-WS except with 4" (102 mm) wrist action handles
- **B-2990-WS** Same as B-2990 except with low-flow gergtor (1.5 GPM)

#### 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

Note: this is not an EasyInstall faucet



#### 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-P Same as B-2992 except with pop-up assembly (B-0898)

Notes Notes		

#### **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
- Aerator (B-0199-03)
- 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 vandal resistant aerator (B-0199-08)
- **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, V.R. 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 0.5 GPM non-aerated spray
- **B-0871-VF05** Same as B-0871 except with 0.5 GPM vandal-resistant nonaerated spray device
- **B-0871-WS** Same as B-0871 except with low-flow aerator (1.5 GPM)



New Vandal Resistant Model

#### B-0873 **Centerset Lavatory Faucet**

- Rigid 2-3/4" (70 mm) spread gooseneck (119X)
- 4" (102 mm) centers
- Aerator (B-0199-02)
- 5" (127 mm) clearance from deck to aerator
- 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 face
- 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
- Aerator (B-0199-03)
- 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



18

# 5

#### **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
- 10° angle on aerator



# 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
- Aerator outlet (B-0199-02)



## 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 2.2 GPM aerator
- 4" (102 mm) spreader assembly with volume controls



# B-0800-PA Pivot Action Metering Wash Sink Single Temperature Faucet

- 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-0831-PA Pivot Action Metering Lavatory Faucet

- 4-5/16" (110 mm) from inlet of faucet to outlet
- 4" (102 mm) centers
- Aerator (B-0199-03)
- 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



#### **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

## *Easy* Install

#### 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



# 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
- 2.2 GPM gerator





#### **Slow Self-Closing Metering Faucets**

All models:

- · Provide adjustable, timed flow of water
- 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

5

B-0800 Slow Self-Closing Wash Sink Single Temperature Faucet



- 1/2" NPT female inlet
- 1-1/4" diameter rose spray
- 6-1/2" (165 mm) overall length
- 4" (102 mm) from wall to center of outlet

#### B-0805 Slow Self-Closing Single Temperature Faucet

- 1/2" NPT threaded shank
- Fits sinks up to 1-3/8" thick
- Fits 1/2" O.D. slip inlet
- 5-1/2" (140 mm) high
- Specify hot, cold or blank
- Aerator outlet (B-0199-02)



- **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 outlet
- **B-0805-01** Same as B-0805 except with B-WH4 4" (102 mm) wrist action handle
- **B-0805-F05** Same as B-0805 except with 0.5 GPM non-aerated spray device
- **B-0805-VF05** Same as B-0805 except with 0.5 GPM vandal-resistant non-aerated spray device

#### 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
- Aerator outlet



- **B-0807-WS** Same as B-0807 except with low-flow aerator (1.5 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**

NEW MODELS!

Vandal resistant

All models:

- Provide adjustable, timed flow of water
- Require less than 5 lbs. operating force to open
   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-0712-01** Same as B-0712 except 4" (102 mm) wrist action handles
- **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 0.5 GPM non-aerated spray device
- **B-0712-VF05** Same as B-0712 except with 0.5 GPM vandal-resistant non-aerated spray device

#### B-0833 Slow Self-Closing Centerset Lavatory Faucet with Pop-Up

- 4" (102 mm) from inlet of faucet to outlet
- 4" (102 mm) centers
- Aerator (B-0199-02)
- 5-3/8" (137 mm) clearance from deck to aerator



- **B-0834** Same as B-0833 except without pop-up assembly
- **B-0834-01** Same as B-0833-01 except without pop-up assembly

#### 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

ADA compliant

- Aerator (B-0199-03)
- 1-5/8" (41 mm) clearance from deck to aerator



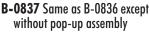
- **B-0831-WS** Same as B-0831 except with low-flow aerator (1.5 GPM)
- **B-0831-F05** Same as B-0831 except with 0.5 GPM non-aerated spray device
- B-0831-VF05 Same as B-0831 except with 0.5 GPM vandal-resistant non-aerated spray device

New Water-Saving Models



#### 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-0837-01 Same as B-0836-01 except without pop-up assembly



D 21



#### **Slow Self-Closing Metering Faucets**

**NEW MODELS!** 



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-831-01 Wrist-Action Metering Faucet



- 4" centerset metering faucet
- 1/2" NPSM male shanks
- Wrist action metering cartridges
- 4" wrist action handle activation
- Saves water
- 2.2 GPM gergtor



## B-2490 Slow Self-Closing Metering Valve

- Slow self-closing 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



#### B-2991 Lavatory Faucet

- EasyInstall faucet
- 5" (127 mm) cast basin spout
- 8" (203 m) centers
- 2" (51 mm) clearance from deck to gerator
- 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-2991-WH4 Same as B-2991 except with 4" (102 mm) wrist action handles
- **B-2991-WS** Same as B-2991 except with low-flow aerator (1.5 GPM)

New Water-Saving Models

## B-2820 Concealed Body Lavatory Faucet

- EasyInstall faucet
- Slow self-closing lavatory faucet
- Adjustable centers
- 6" (152 mm) spread rigid gooseneck (120X)
- 8" (203 mm) standard centers
- Stream regulator outlet (B-LT)
- 5-1/2" (140 mm) clearance from deck to tip of outlet
- B-2820-01 Same as B-2820 except with B-WH4 4" (102 mm) wrist action handles; not EasyInstall faucet
- B-2820-PA Same as B-2820 except with pivot action metering cartridge (see page D20)





#### B-2821 Concealed Body Lavatory Faucet

- EasyInstall faucet
- Slow self-closing lavatory faucet with pop-up waste assembly
- Adjustable centers
- 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

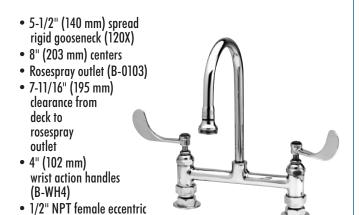




D 22

#### **Surgical Sink Faucets**

#### B-0322-04 Surgical Sink Faucet

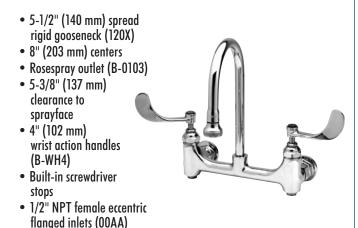


**B-0322** Same as B-0322-04 except with 6" (152 mm) wrist action handles (B-WH6)

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-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



#### D 24

## 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)

# emm)

#### 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)
- With straight loose key stop
- 1/2" NPT female inlet and outlet

#### B-2464 Single Pedal Valve & Rigid Gooseneck Spout

 Includes the B-0507 single pedal valve and B-0520 rigid gooseneck spout and rosespray outlet





## Tas

#### **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

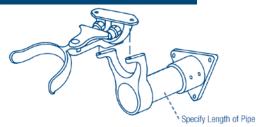
• Provide sensitive, variable flow control for water conservation



## B-0473 Wall Support for Knee Action Valve

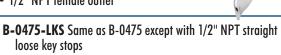
- All aluminum, fastens to wall and supports valve body of knee action valve
- Approximately 12" (305 mm) from wall to valve body mounting holes
- 3-1/4" (83 mm) of knee stirrup extends in front of 20" (508 mm) back to front basin
- Can be shortened by cutting aluminum pipe
- Available in longer lengths 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 inlet 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 Rigid Gooseneck Spout

- Deck mounted
- 5-1/2" (140 mm) rigid spread gooseneck (120X)
- 10-1/4" (260 mm) high from deck to top of gooseneck
- 5-1/8" (130 mm) clearance from deck to stream regulator outlet (B-LT)

Note: Refer to chart below and add suffix number to any rigid gooseneck spout to specify flow control desired.

For ex.: B-0520-03 (flow control of .25 GPM)

Flow (GPM)	Suffix
.25	-03
.40	-05
.70	-07
.90	-10
1.20	-12
1.40	-15
2.0	-20
2.5	-25

- **B-0520-01** Same as B-0520 except with 5-1/4" (133 mm) overall height and 1-3/4" (44 mm) clearance
- **B-0520-F1** Same as B-0520 except with plain in outlet and flow control option
- 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 Gooseneck Spout

- 3/8" NPT female inlet
- 5-3/4" (146 mm) spread swivel gooseneck (133X)
- 9-1/16" (230 mm) to top of gooseneck
- 5-1/16 " (129 mm) clearance from center of inlet to stream regulator (B-LT)



- **B-0526-5** Same as B-0526-04 except with 12" (305 mm) swing nozzle (062X)
- **B-0527** Same as B-0525 except with B-0199-01 gerator
- **B-0528** Same as B-0525 except with B-0103 rosespray outlet

#### B-0529 Swivel Gooseneck Spout

- 3/8" NPT female inlet
- 2-3/4" (70 mm) spread swivel gooseneck
- B-0199-01 aerator
- 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
- 5-13/16" (148 mm) clearance from center line of inlet to outlet of stream regulator
- 2-5/8" (67 mm) spread





#### **Dummy Goosenecks**

#### B-0535 Rigid Gooseneck Spout

- 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
- 5" (127 mm) clearance from center line of inlet to outlet of rosespray (B-0103)
- 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 aerator



#### **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 anti-rotation pins and forged brass mouth guard
- **B-2360-03** Same as B-2360 except with forged brass mouth guard and push-button metering cartridge and removable anti-rotation pins
- **B-2360-04** Same as B-2360-02 except with 3" x 4" backing plate

#### 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

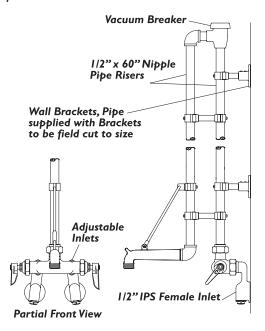




- Built-in screwdriver stops (on select models) allow water shut-off for maintenance on faucet, ie.: removal and replacing Eterna cartridges
- Internal spring checks (on select models) prevent crossflow and back flow of water

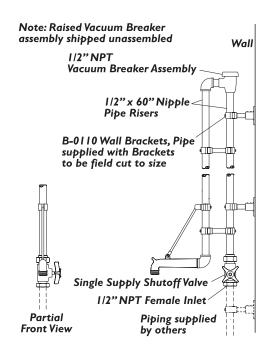
#### B-0491-01 Service Sink Faucet with Elevated Vacuum Breaker

- 5' elevated atmospheric vacuum breaker
- 6" service sink spout with garden hose thread outlet
- Furnished with top spout brace and (2) B-0109-01 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-0109-01 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)

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)



#### 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
- Built in stops
- 2-3/8" (60 mm) from wall to center line of faucet
- 1/2" NPT female eccentric flanged inlets (OOAA)

B-0660-BSTR Same as B-0660-BSTP except with rough chrome plated finish

**B-0660-POL** Same as B-0660-BSTP except without built in stops

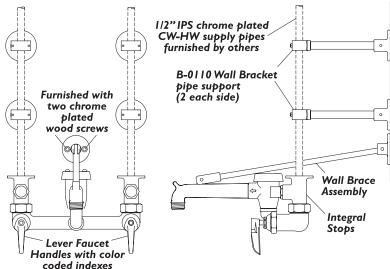
B-0660-RGH Same as B-0660-POL except with rough chrome plated finish

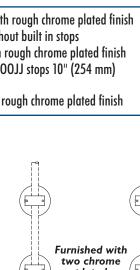
**B-0661-POL** Same as B-0660-POL except with OOJJ stops 10" (254 mm) from wall to center of outlet

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





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#### **Service Sink 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-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



#### 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 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-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)





- 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

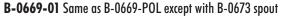
- 1/2" NPT female flanged adjustable inlets with screwdriver stops (OOXX)
- Adjustable centers from 2-1/4" (57 mm) to 8-1/4" (210 mm)
- 9-1/2" (241 mm) from back of inlets to center of outlet
- Polished chrome plated finish
- Atmospheric vacuum breaker nozzle with 3/4" garden hose thread and pail hook
- 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-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**

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- 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



- 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-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-0693-POL-CR** Same as B-0693-POL except with cerama cartridges
- **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 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





**NEW MODELS!** 

#### 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

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#### **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-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** Same as B-0708 except with 3/4" garden hose outlet



#### **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 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 selfclosing valve, four arm handle (061L)



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" 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-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 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



#### **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-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-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-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) with built in check valves
- 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) with built in check valves
- 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-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



#### **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)



#### **B-1065 Combination Bath** and Shower Fitting

- B-1090 adjustable shower head with arm and flange
- Mixing valve with 1/2" NPT female union inlets
- 8" (203 mm) adjustable centers
- 1/2" NPT top outlet
- 3/4" NPT bottom outlet
- B-1095 diverter bath spout
- Four arm handles (175F)
- Adjustable wall flanges









#### **Concealed Bypass Mixing Valves**

#### B-1030 **Concealed Bypass Mixing Valve**

- 8" (203 mm) centers
- 1/2" NPT female union inlets
- 3/4" NPT female bottom outlet
- Four arm handles (175F)



**B-1032** Same as B-1030 except with solder type union inlets for 5/8" O.D. copper tubing

### 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)



B-1035-ST Same as B-1035 except with loose key handle integral stops

#### B-1050 **Concealed Bypass Mixing Valve**

- 8" (203 mm) centers
- 1/2" NPT female union inlets
- 1/2" NPT female top outlet and 3/4" NPT female bottom outlet
- Four arm handles (175F)



B-1050-ST Same as B-1050 except with loose key handle integral stops

#### **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-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"

• 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

**Concealed Single Valves** 

**B-1027-UCP** 

**Concealed Straight Loose Key Stop** 

- valve
- 1/2" NPT female inlet and outlet
- 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"



Antimicrobial Handles Available



- Straight pivot action metering
- Vandal resistant



Antimicrobial Handles Available

#### **Accessories**

#### B-0900 "Lifetime" 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-1095 **Bath Tub Spout**

- Chrome plated finish
- 3/4" NPT female inlet
- Furnished with twin el flow diverter



#### **B-1097 Two-Way Diverter Valve**

- Used to divert flow between shower and hand spray
- 1/2" NPT female connections
- Lever handle (177F)



#### **B-1090 Shower Head**

- Adjustable spray shower head
- 1/2" NPT male arm
- Adjustable wall flange
- Ball joint head



#### B-1091 **Deluxe Shower Head**

• 1/2" NPT male arm

• Adjustable wall flange

• Ball joint head



#### **B-1092 Vandal Resistant Shower Head**

- Wall mounted vandal resistant shower head
- 1/2" NPT back inlet





#### **NEW!** Pressure Balancing Shower Valve, Assemblies and Parts

## B-3200 Pressure Balancing Shower Valve,



- 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
- **B-3201** Same as B-3200 except without tub spout
- **B-3204** Pressure-balancing shower valve with trim plate and handle
- **B-3204-PBV** Pressure-balancing shower valve only
- **B-3205** Includes pressure-balancing shower valve and hand-held spray assembly with flow control (from 0.5 GPM to 2.0 GPM)









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Pressure Balancing Shower Valve B-3204-PBV

#### "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



#### 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 32" (813 mm)
- Sliding spray bracket
- B-0926 Same as B-0925 except with wall outlet with 1/2" NPT flanged female inlet

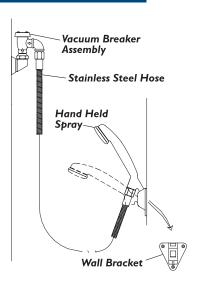


#### "Shower Queen" Flexible Personal Spray Assemblies

# 5

#### 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



#### B-0937 Shower Queen Assembly

- 1/2" NPT male inlet
- 60" (1.5 mm) stainless steel hose (013E-60)
- Hand held spray (SQ-0095)
- 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)
- Wall spray bracket (SQ-0092)



#### "Shower Queen" Accessories

#### B-0940 Vertical Grab Bar with Sliding Spray Bracket

- 32" (813 mm) long vertical grab bar
- Sliding spray bracket



#### SQ-0092 Wall Spray Bracket

- Mounts to wall
- Holds personal spray
- Two position sockets

#### Also available:

**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 adapter

**SQ-0095** Shower Queen hand spray

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





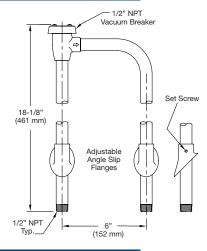




#### **Vacuum Breaker Assemblies**

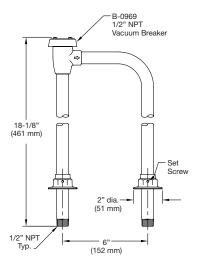
#### B-0455 Vacuum Breaker Assembly

- 6" (152 mm) C/C mounting vacuum breaker unit
- 1/2" NPT



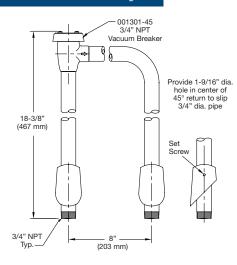
#### B-0456 Vacuum Breaker Assembly

- 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.



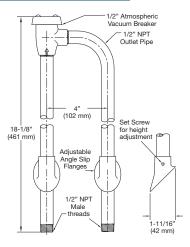
#### B-0457 Vacuum Breaker Assembly

- 8" (203 mm)
   C/C mounting vacuum breaker unit
- 3/4" NPT
- Pipes must be held rigid under sink with connection fitting, brace, etc.



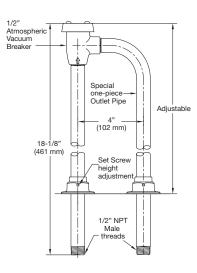
#### B-0455-04 Vacuum Breaker Assembly

- 4" (102 mm) C/C mounting vacuum breaker unit
- 1/2" NPT
- Adjustable angle slip flanges
- Factory preassembled



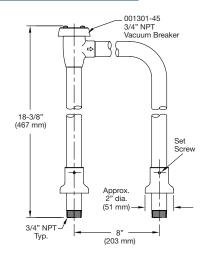
#### B-0456-04 Vacuum Breaker Assembly

- 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.



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#### **Lab Hose Cocks and Turrets**

#### BL-4000-01 Hose Cock

- AGA / CGA 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)
- Not recommended for pressures in excess of 30 PSI



**BL-4000-01M** Master Box (12)

Note: should not be used for water, steam or oxygen

#### BL-4100-0 Laboratory Turret

- Two 3/8" NPT female outlets at 90°
- 3/8" NPT female inlet
- Black plastic mounting gasket included
- 2" (51 mm) diameter; height 2-9/16" (65 mm)
- 2" (51 mm) height to center of outlet

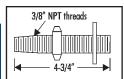
BL-4100-01 3/8" NPT female bottom inlet; 3/8" NPT female side outlet (1)

**BL-4100-02** Two outlets at 180°

BL-4100-03 Three outlets

BL-4100-04 Four outlets

BL-4100-05 Top outlet only



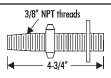
Note: BL-5500-10 supply nipple and locknut ordered separately

#### 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-4102-02** 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

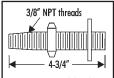
Note: **should not** be used for water or steam

#### 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

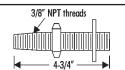
#### BL-4203-0 Vandal Resistant Turret with Hose Cock

- 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**

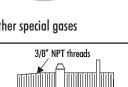
#### BL-4210-01 **Turret with Needle Valve**

• 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

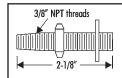
Note: BL-5500-10 supply nipple and locknut ordered separately

#### 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

#### **BL-4250-08 Wye Fitting**

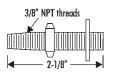
- 3/8" NPT male inlet
- Two 3/8" NPT female outlets
- 70° angle between outlets



#### 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

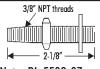




Inset: BL-4250-03 Panel flange with 3/8" NPT female inlet and outlet

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

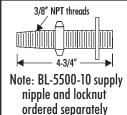


#### **Panel Flanges, Stops and Turrets**

#### BL-4300-0 Turret with Two Straight Stops

- $\bullet$  Turret with two straight stops (BL-4500-1) at  $90^\circ$
- 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

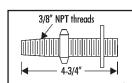
**BL-4300-02** Turret with two straight stops at  $180^{\circ}$ 

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

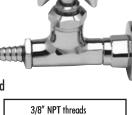
- Straight stop for special gases
- 3/8" NPT male inlet
- Internal floating stainless steel cone regulates gas flow as handle is turned
- Serrated hose tip



## 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 guide 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-4705-02** Same as BL-4705-01 except with Eterna construction for water; specify hot or cold

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

### 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			

### **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-4740-04 Black Nylon Angle Guide Bushing

- · Furnished with two screws
- 45° angle
- 2-3/8" (60 mm) x 1-3/8" (34 mm)
- Mounting holes on 1-3/4" (44 mm) centers



### **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



# **Crowned Top Flush Plate**

BL-9005-01

- 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 aasket included
- Serrated hose tip
- Tailpiece and nut furnished for optional 1/4" NPT connection



**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-5700-09** Same as BL-5700-08 except swivels at vacuum breaker



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### **Double Ledge Faucets**

### BL-5704-01 Double Ledge Faucet

- Taper style body
- 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
- 13-5/8" (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 rigid union coupling gooseneck

BL-5704-04 Same as BL-5704-01 except with B-0199-02 aerator in place of serrated tip



### BL-5704-08 Double Ledge Faucet

- Rigid vacuum breaker gooseneck
- 1/2" NPT male inlets
- Taper style body
- Single hole base with under counter spreader assembly
- 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-5704-09 Same as BL-5704-08 except swivels at vacuum breaker

### 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 rigid union coupling gooseneck
- **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 5-7/16" (138 mm) spread
- 1-1/8" (29 mm) shank diameter
- 12-3/4" (324 mm) height
- Plastic mounting agsket included
- Serrated hose tip
- Specify hot or cold
- Fits ledge up to 1-1/2" (38 mm) thick
- Tailpiece and nut furnished for optional 1/4" NPT connection



**BL-5705-09** Same as BL-5705-08 except with swivel at vacuum breaker

### **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

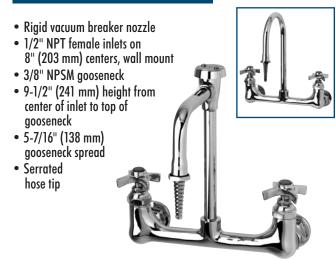


BL-5710-03 Same as BL-5710-01 except with swivel gooseneck BL-5710-07 Same as BL-5710-01 except with rigid vacuum breaker nozzle, 10-1/16" (256 mm) height from center of inlet to top of vacuum breaker

**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 agoseneck

**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





Inset: BL-5715-01 Same as BL-5715-08 except with standard rigid gooseneck

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° to nozzle

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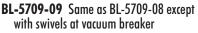
### **Lab Faucets**

# 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 and taper style body
- 1/2" NPSM shank
- 3/8" NPSM gooseneck with 5-7/16" (138 mm) spread
- 12-5/16" (313 mm) height
- Serrated hose tip
- Plastic mounting gasket included
- Specify hot or cold water
- Tailpiece and nut furnished for optional 1/4" NPT connection

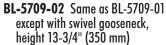


**BL-5709-05** Same as BL-5709-09 except with swivel nozzle and 4" (102 mm) wrist action handle



### BL-5709-01 Single Ledge Faucet

- Taper style body
- 1/2" NPT shank
- 3/8" NPSM gooseneck with 5-5/8" (144 mm) spread
- 13-3/4" (350 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



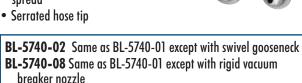
BL-5735-09 Same as BL-5735-08 except with swivel vacuum breaker gooseneck nozzle

**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



### 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 **Single Self-Closing Ledge 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



### 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

**Lab Faucets** 

- 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-6000-03** Same as BL-6000-02 except 15-1/4" (387 mm) height and 8" (203 mm) spread gooseneck



 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°



- 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





# 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

### Lab Accessories

### BL-5500-0 Filter Pump (Aspirator)

- 3/8" NPT male inlet
- 5-1/2" (140 mm) overall length
- Creates suction by water flow
- Avoid splashing by attaching BL-5500-02 splash eliminator on outlet



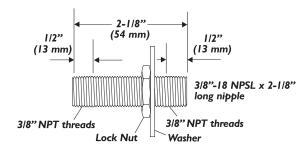
### BL-5500-03 6" Wrist Action Handle

- 6" (152 mm) long
- Can be used in place of lever handles originally furnished
- Chrome plated brass
- Includes color coded index button



- 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-5545-01 Volume Control Unit

- Volume control fitting with adjustable volume control knob
- 3/8" NPT inlet and outlet



### BL-5500-01 4" Wrist Action Handle

- 4" (102 mm) long
- Can be used in place of lever handles originally furnished
- Chrome plated brass
- Includes color coded index button
- Available with antimicrobial coating



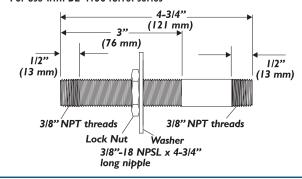
### BL-5505-07 Four Arm Handle

- Black polypropylene
- Color coded snap-in index button and screw



### 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



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### **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-5550-25 Straight Serrated Tip

- 3/8" NPT male inlet
- Serrated hose tip
- Smaller hex shoulder than on BL-5550-04 for aesthetic reasons
- For use on turrets and panel flanges

**BL-5550-26** Same as BL-5550-25 except with angle serrated tip



### 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



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### **Lab Accessories**

### BL-5560-01 **Rigid Gooseneck with** Vacuum Breaker

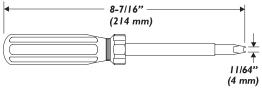
- 3/8" NPT male inlet
- Serrated hose tip
- 8-7/8" (225 mm) total height
- 5-7/16" (138 mm) spread

**BL-5560-02** Same as BL-5560-01 except with swivel connection at vacuum breaker



### **BL-5707-05** Spanner Screwdriver

• 8-7/16" (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**

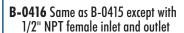
- 6" (152 mm) vandal resistant brace
- For use on lab equipment



### **Loose Key Stops**

### B-0415 **Straight Loose Key Stop**

• 3/8" NPT female inlet and outlet



**B-1305** 

**Angle Loose Key Stop** 



### **B-0418 Angle Loose Key Stop**

• 1/2" NPT female inlet and outlet



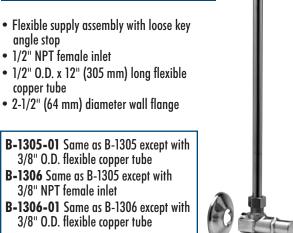
### **B-1311 Angle Key Stop**

- 3/8" NPT female inlet
- Outlet with compression nut and sleeve to fit 1/2" (13 mm) O.D. copper tubing
- **B-1315** Same as B-1310 except vandal resistant (loose key stop)



### **B-1336 Angle Key Stop**

- 3/8" NPT female inlet
- 3/8" NPT female outlet
- Loose key handle
- Vandal resistant (loose key stop)







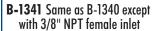
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### **Loose Key Stops**

### 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) 0.D. copper tubing





### 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

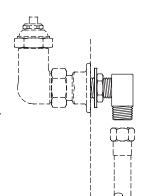
- 3/8" NPT female union coupling inlet
- 3/8" NPT Female outlet
- 2" (51 mm) diameter wall flange



### **Parts Kits For Plumbing**

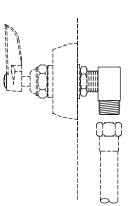
### B-0230-K Parts Kit

 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 include:

1 (000788-20) Right hand Eterna insert 1 (000789-20) Left hand Eterna insert

1 (000811-25) Right hand spindle insert

1 (000812-25) Left hand spindle insert

4 (000933-45) Seat washer screws

10 (001022-45) 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 1 001908-25 Left hand spindle insert 2 003164-45 Seat washer — spring check 2 001479-45 Spring check spring



### B-9K Lever Handle Kit

Parts included:

2 001638-45 Lever handle — blank
 1 001661-45 Index button, red — hot
 1 001660-45 Index button, blue — cold
 2 000922-45 Lever handle screw



### B-11K Eterna Cartridge Spindle Kit

• Parts included:

1 000811-25 Right hand spindle insert 1 000812-25 Left hand spindle insert 2 000933-45 Seat washer screw

2 009841-45 Seat washer



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### B-15K EasyInstall Concealed Widespread Faucets 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 aasket

6 000789-20 Left hand removable

insert assembly

6 000812-25CWS Left hand spindle

assembly

12 000788-20 Right hand removable

insert assembly

12 000811-25CWS Right hand spindle

assembly

### B-2730-DRK Diverter Kit for B-2730

- Parts included:
  - 1 Diverter valve stem
  - 1 Diverter valve seal
  - 2 Diverter valve 'O'-Rings
  - 1 Diverter valve body
  - 1 Diverter valve stem seal





### **Parts 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 <u>For T&S Faucet To F</u>isher 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

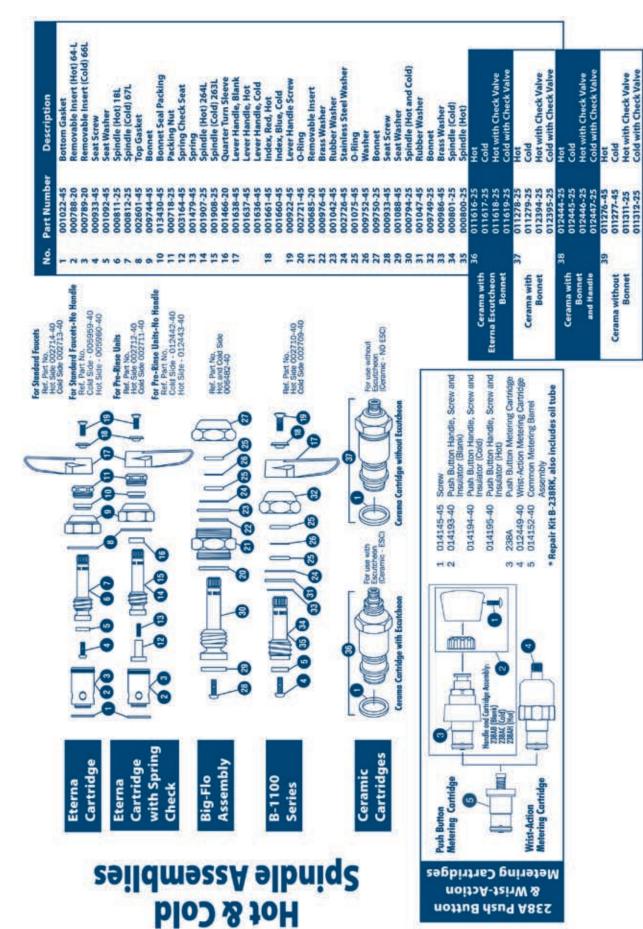




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### **Spindle Assemblies For Plumbing Faucets**





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### **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>063XM</b> Master Box (12)
<b>060XM</b> Master Box (12)	<b>064XM</b> Master Box (12)
<b>061XM</b> Master Box (12)	<b>065XM</b> Master Box (12)
<b>062XM</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

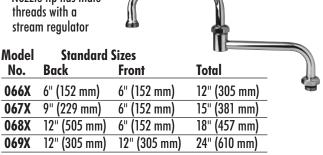
133XP Same as 133X except with plain end

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



### **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:

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)	
	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



### Model

No.	Length	Height	Clearance
<b>0CS6</b>	6" (152 mm)	2-3/8" (60 mm)	15/16" (24 mm)
<b>0CS8</b>	8" (203 mm)	5-3/16" (132 mm)	3-13/16" (96 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 Riaid 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
- 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)

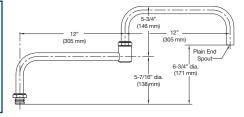
Note: Use Series 2 outlets on these nozzles

### **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	l 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)
- 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, Zurn and Qualis faucets

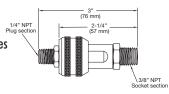
# **EZ-SWIVEL-FM Swivel Adapter**

 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-FXX 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



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>F20</b>	2.00

65

### **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**

# Models!

### Series 1

### Series 2

### Series 3

### 15/16"-27 UN male

### Series 5 13/16"-24 UN

### **NEW!**

Check out our new watersaving aerators and outlets!

- 55/64"-27 UN female aerator threads Fits all swing nozzles and 131X,
- 133X gooseneck • -WS models are water-saving
- 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

thread Fits single lever

**Series 4** 

- line -WS models are water-saving aerators
- female thread · Fits other manufacturer's faucets Includes adapter

aerator

and washer with

### **Standard Aerators**

### **Aerator**

• Non-splash aerator



B-0199-01 (2.2 GPM)

aerators

- 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-XX

B-0199-02F- XX | B-0199-03F- XX

# Refer to Aerator Flow Chart to add Suffix Numbers

### **Vandal Resistant Aerator** with Flow Control

- Non-splash, vandal resistant aerator with flow control
- Tool to attach and remove gerator



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 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%

Water-Saving Models!

### 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.

66

### **Laminar Flow Outlets**

### **NEW!**

Check out our new non-splash, non-aerated laminar flow devices!

NEW Water-Saving
Models!

### Series 1

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

### Series 3

- 13/16"-27 UN male aerator thread
- 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 B-0199-27 (2.2 GPM)

(2.2 GPM)

# **NEW! Non-Aerated Spray Devices**

• Water-saving 0.5 GPM flow rate



### NEW!

Check out our new watersaving non-aerated spray devices with 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

D 67

### **Non-Aerated Spray Device**

 Non-splash nonaerated spray device



### B-0199-01-N05 (0.5 GPM)

# (0.5 GPM)

B-0199-02-N05 B-0199-03-N05 (0.5 GPM)

B-0199-04-N05 (0.5 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





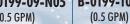
### B-0199-06-N05 (0.5 GPM)

B-0199-07-N05 (0.5 GPM)

### B-0199-08-N05 (0.5 GPM)

B-0199-09-N05 (0.5 GPM)

B-0199-10-N05



### **Outlets**

### **Series 1 Outlets**

- 55/64"-27 UN female gerator 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 gerator 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
- · 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-0199-23 **Self-Closing Water Saver Aerator**

- 55/64"-27 UN female inlet
- Provides hands free instant water shut off for any faucet
- Move rod to side to open water flow / release to shut off
- ADA compliant
- 4" (102 mm) rod



### **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 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



**Flow Tower Chart** 



Select flow desired, then add suffix to model number.

Ex.: B-0198-F03 for 0.25 GPM



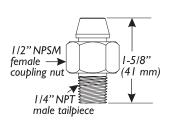


### **Adapters, Inlets, Supply Connectors and Parts Kits**

### **Adapter Chart Dimensions** Model 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 x 3/8 NPT 001359-40 male female (Hex bushing) x 1/4 NPT 3/4-14 male (Fisher adapter) 002584-25 (172A) male x 1/4 NPT 3/4-14 000544-25 (52A) male female 3/4-14 x 3/8 NPT male (Chicago adapter) 000545-25 (53A) male 3/4-14 x 3/8 NPE female (Hex stock) 000546-25 (54A) male 3/4-14 male x 1/2 NPT male 000547-25 (55A) 3/4-14 x 1/2 NPT female 000548-25 (56A) male 3/4 G.H. female x 1/2 NPT male 003105-40 3/4-14 x 5/8-27 female 000552-25 male 3/4-14 male x 3/4 NPT male 000549-25 (57A) 3/4-14 x 3/4 NPT female 000550-25 (58A) male male 001806-25 (98A) 3/4-14 $\times 3/4-14$ male male 001624-25 55/64-27 x 1/8 NPT female 000554-25 55/64-27 male $\times 5/8-27$ female 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

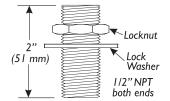
- 1/2" female connectors
- Used with 1/2" male threaded supplies to provide 90° turns at inlets



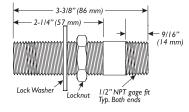
### **Inlets and Supply Connections**

### B-0425 Supply Nipple

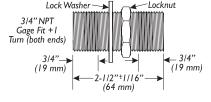
**B-0425-M** Master Box (2)



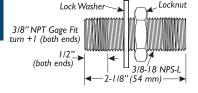
### B-0426 Supply Nipple



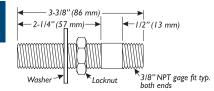
### B-0427 Supply Nipple



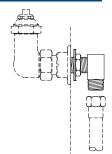
### B-0428 Supply Nipple



### B-0429 Supply Nipple



### B-0230-K Parts Kit



• Parts included:

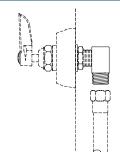
1/2" NPT Supply nipple, lock nut and washer

1/2" NPT Male x Female short EL

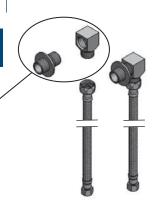
### B-0230-KIT Parts Kit

- 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



Suppl	y 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

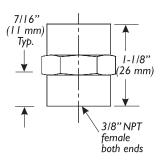


Model No.	Length	Model No.	Length
000357-40	2" (51 mm)	000369-40	18" (457 mm)
000358-40	3" (76 mm)	000372-40	24" (610 mm)
000361-40	5" (127 mm)	000376-40	32" (813 mm)
000363-40	7" (178 mm)	Contact factory	for sizes not shown.

### **Couplings**

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

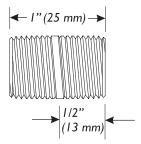
Dimension	Model No.
3/8" NPT female	001769-40
3/4-14 NPT female	001596-25



### **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



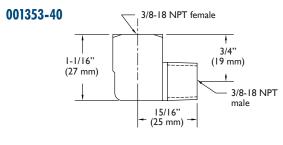
### B-CVV1-2 Check Valve

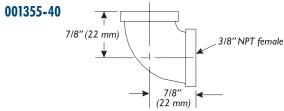
- Rough brass finish
- Chrome plated available upon request
- Designed for water use only

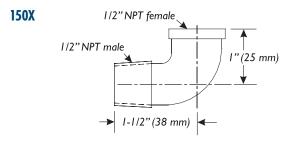


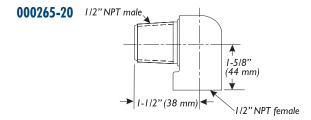
**B-CVH1-2** for horizontal or vertical use, 1/2" NPT female **B-CVH3-4** for horizontal or vertical use, 3/4" NPT female Furnished in rough brass

### **Elbows and Tees**





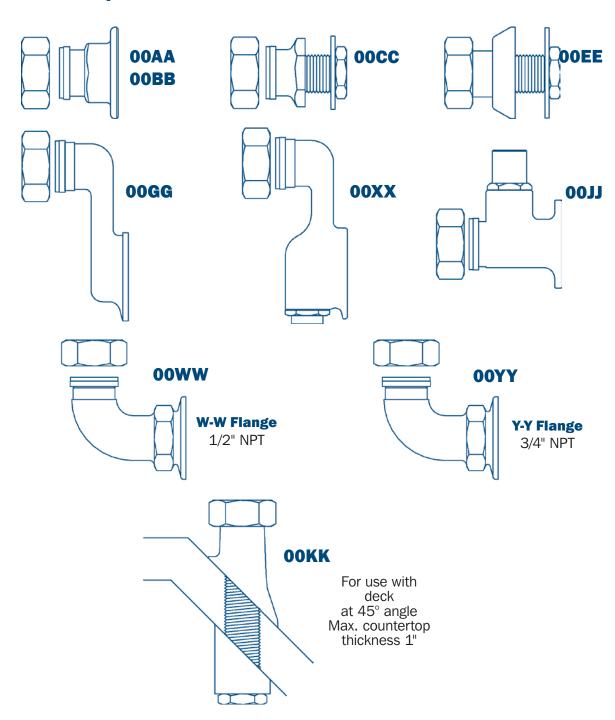




Description	Model No.
3/8" Elbow	001355-40
1/2" Short elbow	006895-20
3/4" Street elbow	000265-20 (00LL)
3/8" Bar Stock Street elbow	001353-40



### **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  $45^{\circ}$  decks. Inlet is at  $45^{\circ}$  angle to mounting face.

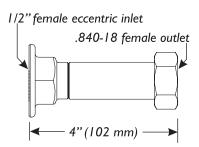
### D 72

### **Inlet Extensions**

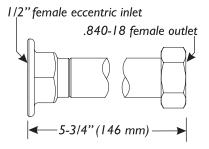


# 1/2" female eccentric inlet .840-18 female outlet .840-18 female outlet .840-18 female outlet

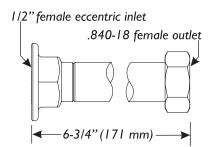
### **B-0441**



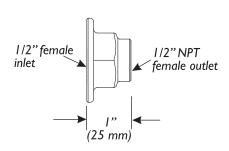
### B-0442



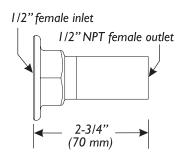
### **B-0443**



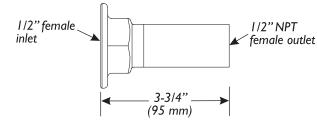
B-0445



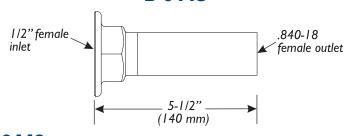
### **B-0446**



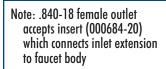


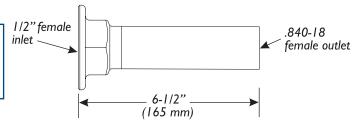


### **B-0448**



### **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-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)





# The T&S Commitment To Water-Saving Plumbing Faucets



# Tas

### The T&S Commitment To Water Conservation



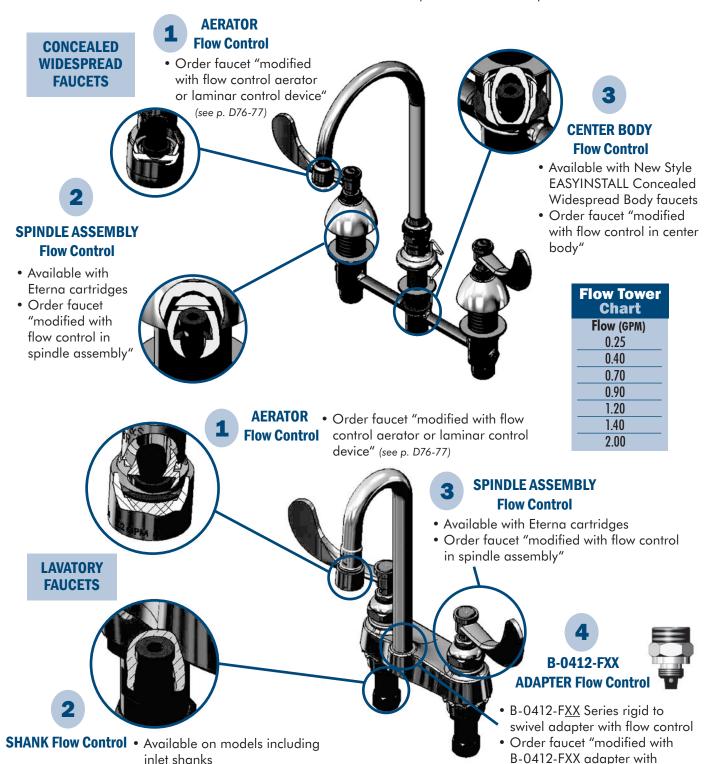
flow control" and specify flow

control rate (see p. D64)

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.



• Order faucet "modified with

flow control in shank"



# 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.

727		
	B-0710-WS	(p. D33)
	B-0712-F05 B-0712-VF05 B-0712-WS	(p. D19) (p. D19) (p. D19)
	B-0805-F05 B-0805-VF05 B-0805-WS	(p. D18) (p. D18) (p. D18)
	B-0807-WS	(p. D18)
	B-0831-F05 B-0831-VF05 B-0831-WS	(p. D19) (p. D19) (p. D19)
	B-0867-04-WS	(p. D10)
	B-0871-CR-WS B-0871-F05 B-0871-VF05 B-0871-WS	(p. D16) (p. D16) (p. D16) (p. D16)
	B-0890-CR-WS B-0890-F05 B-0890-VF05 B-0890-WS	(p. D13) (p. D13) (p. D13) (p. D13)
	B-0892-01-WS B-0892-CR-WS B-0892-F05 B-0892-VF05 B-0892-WS	**

	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. D14) (p. D14) (p. D14)
	B-2855-WS	(p. D14)
N	B-2862-WS	(p. D11)
	B-2866-05-WS B-2866-F05 B-2866-VF05	(p. D11) (p. D11) (p. D11)
	B-2867-04-WS	(p. D12)
	B-2990-F05 B-2990-VF05 B-2990-WH4-WS B-2990-WS	(p. D15) (p. D15) (p. D15) (p. D15)
	B-2991-WS	(p. D20)

### **SUFFIX GUIDE**

-F05	0.5 GPM	Non-aerated spray device
-VF05	0.5 GPM	Vandal-resistant non-aerated
		spray device
-WS	1.5 GPM	Water-conserving aerator

See page D76-77 for list of water-conserving outlets included in the models shown above

remove outlet

# Low Flow Outlets For Water Conservation Plumbing Models



Low flow aerators and outlets are an affordable way to reduce your water consumption and save energy and money.	• 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
Aerator with Flow Control  • Non-splash aerator with flow control	B-0199-01F- <u>X</u> <u>X</u> Refer to Aerata	B-0199-02F- <u>X</u> <u>X</u> or Flow Chart to add	B-0199-03F- <u>X X</u> Suffix Numbers		
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 X</u> Refer to Aerato	<b>B-0199-07F-</b> <u>X</u> <u>X</u> r Flow Chart to add	B-0199-08F- <u>X X</u> 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>B-0199-02-WS</b> (1.5 GPM)	<b>B-0199-03-WS</b> (1.5 GPM)	<b>B-0199-04-WS</b> (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>B-0199-06-WS</b> (1.5 GPM)	<b>B-0199-07-WS</b> (1.5 GPM)	B-0199-08-WS (1.5 GPM)	B-0199-09-WS (1.5 GPM)	B-0199-10-WS (1.5 GPM)
Non-Aerated Spray Device  • Non-splash non-aerated spray device	<b>B-0199-01-N05</b> (0.5 GPM)	<b>B-0199-02-N05</b> (0.5 GPM)	B-0199-03-N05 (0.5 GPM)	<b>B-0199-04-N05</b> (0.5 GPM)	B-0199-05-N05 (0.5 GPM)
Vandal Resistant Non-Aerated Spray Device  • Non-splash, vandal	B-0199-06-N05	Water-Mod	B-0199-08-N05	B-0199-09-N05	B-0199-10-N05
resistant non-aerated spray device  Tool to attach and	(0.5 GPM)	(0.5 GPM)	(0.5 GPM)	(0.5 GPM)	(0.5 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

### Series 3

- 13/16"-27 UN male aerator thread
- 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)

### B-0199-23 **Self-Closing Water Saver Aerator**

- 55/64"-27 UN female inlet
- Provides hands free instant water shut off for any faucet
- Move rod to side to open water flow / release to shut off
- ADA compliant
- 4" (102 mm) rod



Flow (GPM)	Suffix	Color Code
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



# 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.



### **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.



### **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 D68).



### **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 cartridaes 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-9** General Product Catalog

### **Table of Contents**



### Washdown and Clean-Up Solutions -**Notes** Retractable Hose Reels Hose Reel Accessories ...... E3-16 • Stainless Steel Retractable Hose Reels - Open E4 • Stainless Steel Retractable Hose Reels – Enclosed E5 Spray Outlet Options for Hose Reels E5, E7 • Epoxy Coated Retractable Hose Reels - Open E6 • Epoxy Coated Retractable Hose Reels - Enclosed E7 • Heavy-Duty Hose Reels E6 • Complete Hose Reel Assemblies E8-11 • All-In-One Hose Reel Assemblies E11 • Suggested Configuration for Hose Reels E11 • Hose Reel Accessories - Heavy-Duty Water Guns, Spray Valves, Hose Reel and Spray Valve replacement parts, Mounting Brackets, Shut-Off Valves, Vacuum Breakers, Repair and Connector Kits, Mixing and Check Valves E12-16 Service Sink and Mop Sink Faucets and Accessories ..... E17-22 • Service Sink Faucets with Vacuum **Breakers** E17 • Service Sink Faucets with Built-In Stops E17-21 • Service Sink Faucets with Adjustable Centers E18-20 • Service Sink Outlets and Fittings E20-21 Service Sink Accessories F22 Single Sill and Heavy Duty Sink Faucets ...... **E22-23** Washdown Stations and Accessories ..... **E24-26** • Single Temperature Valves and Washdown Stations E24-25 • Heavy-Duty Water Guns E26 NOTE:

A comprehensive Index By Model or Part Number and Page can be found in the **G-9 General Product 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 "gall- ing" 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





### 12' Hose, 3/8" I.D.

B-7102	Hose Reel only — no spray valve		
B-7102-01	with <b>EB-0107</b> Hi-Flo Blue Spray Valve (4.0+ GPM)		
B-7102-01M	with <b>B-0107</b> Gray Spray Valve (1.42 GPM)		
B-7102-08H	with <b>B-0108-H</b> Hi-Flow JeTSpray Valve		
B-7102-08M	with <b>B-0108</b> JeTSpray Valve (1.48 GPM)		

### Spray Outlet Options (All models; see photos, 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	
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-0108 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		



### 50' Hose, 3/8" I.D.

00 1103C, 0/0 11D1			
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-0108 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**



#### 30' Hose, 3/8" I.D.

B-7122-C01	<b>EB-0107</b> Blue Spray Valve (shown, 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 MV-2522-24 Front Trigger Water Gun		
B-7122-C05			
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 (shown, 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>B-0108</b> JeTSpray Valve (1.48 gpm)		
B-7142-C10	EB-2322 Extended Spray Wand		

See pages E11 and E28 for descriptions of these products



## OPEN Epoxy Coated Hose Reels

#### Spray Outlet Options (see photos, 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	<b>EB-0107</b> Blue Spray Valve (shown, 4.0+ gpm)		
	B-7212-01M	<b>B-0107</b> Spray Valve (1.42 gpm)		
	MV-2516-24 Rear Trigger Water Gun			
	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 Water Gun		

#### 35' Hose, 3/8" I.D.

B-7232-01	EB-0107 Blue Spray Valve (4.0+ gpm)		
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-0108-H JeTSpray Hi-Flow Spray Valve		
B-7232-08H			
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 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 MV-2522-24 Front Trigger Water Gun B-0108-H JeTSpray Hi-Flow Spray Valve		
B-7242-05			
B-7242-08H			
B-7242-08M	<b>B-0108</b> JeTSpray Valve (1.48 gpm)		
B-7242-10	EB-2322 Extended Spray Wand		



#### 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.** (shown below\*)

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 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**



#### 30' Hose, 3/8" I.D.

B-7222-C01	<b>EB-0107</b> Blue Spray Valve (shown, 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-0108 JeTSpray Valve (1.48 gpm) EB-2322 Extended Spray Wand MV-3516-24 Aluminum Water Gun		
B-7222-C10			
B-7222-C11			

#### 50' Hose, 3/8" I.D.

B-7242-C01	<b>EB-0107</b> 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-0108 JeTSpray Valve (1.48 gpm)		
B-7242-C10	EB-2322 Extended Spray Wand		

See pages E11 and E28 for descriptions of these products





#### **Complete Hose Reel Assemblies**

#### B-1430 Enclosed 30' Hose Reel Assembly

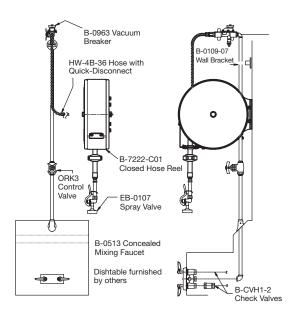
- All-in-one system with exposed piping and accessories
- Enclosed hose reel (B-7222-C01) with EB-0107 blue spray valve
- Vacuum breaker (B-0963)
- Shut-off control valve (ORK3)
- 3" C/C wall-mounted mixing faucet (B-0513)
- Includes 36" (922 mm) flexible connecting hose
- Shipped with all components needed for installation

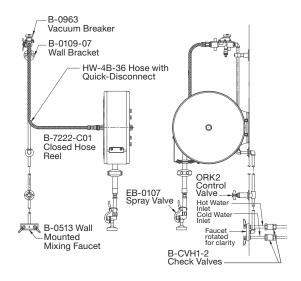
#### B-1432 Enclosed 30' Hose Reel Assembly

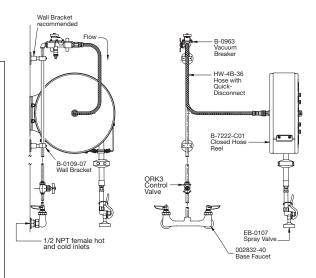
- All-in-one system with exposed piping and accessories
- Enclosed hose reel (B-7222-C01) with EB-0107 blue spray valve
- Vacuum breaker (B-0963)
- Shut-off control valve (ORK2)
- 3" C/C wall-mounted mixing faucet (B-0513)
- Includes 36" (922 mm) flexible connecting hose
- Shipped with all components 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 (ORK3)
- 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-CR Same as B-1433 except with cerama cartridges
- 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-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





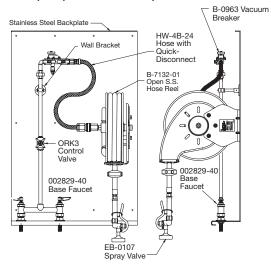




#### **Complete Hose Reel Assemblies**

# 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

Hose Reel Assembly!

**B-1444-CV** Same

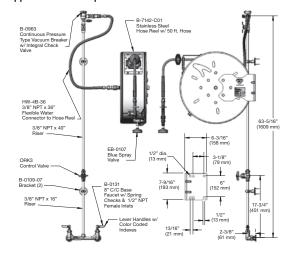
check valves

as B-1444 except

with two B-CVH1-2

 All-in-one system with exposed piping and accessories

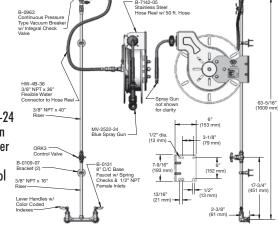
- Enclosed stainless steel hose reel (B-7142-C01) with EB-0107 blue spray valve
- Vacuum breaker (B-0963)
- Shut-off control valve (ORK3)
- 8" C/C wall-mounted mixing faucet (B-0131)
- Includes 36" (922 mm) flexible connecting hose assembly
- Shipped with all components needed for installation



# B-1439 Open Stainless Steel Hose Reel Assembly with 50' Hose



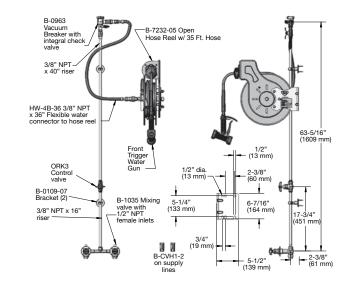
- All-in-one system with exposed piping and accessories
- Open stainless steel hose reel (B-7142-05) with MV-2522-24 blue water gun
- Vacuum breaker (B-0963)
- Shut-off control valve (ORK3)
- 8" C/C wallmounted mixing faucet (B-0131)



- 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
- 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"

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

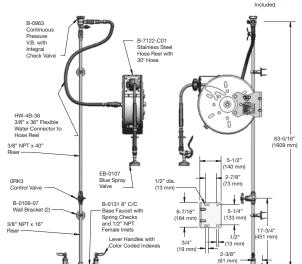
HW-4B-36
3/8" NPT x 36'

- 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"

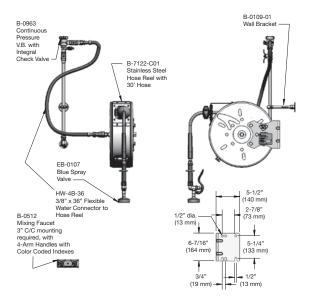
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#### B-1459 Enclosed 30' Stainless Steel Hose Reel Assembly

- 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

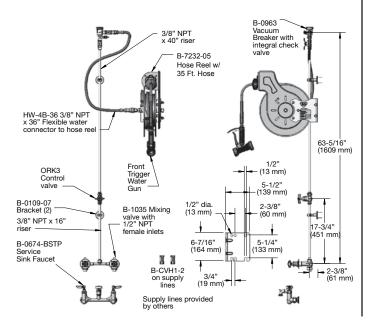




#### **Complete Hose Reel Assemblies**

#### 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 closed 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 qun

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



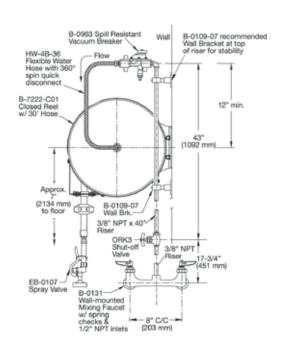


# Suggested Configuration for T&S Hose Reels and Accessories

This illustration is a suggested hose reel configuration using T&S Hose Reel Accessories shown on pages E12-E16. 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

Note: See page E26 for charts showing the configuration of T&S heavy-duty water gun models that are available.



#### 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



#### MV-2516 and MV-2522 Water Gun Replacement Parts:

014087-45 5/16" and 7/16" Orifice, Rear Trigger Cartridge Asy.
014132-45 9/16" Orifice, Rear Trigger Cartridge Assembly
014086-45 5/16" and 7/16" Orifice, Front Trigger Cartridge Asy.
014131-45 9/16" Orifice, Front Trigger Cartridge Assembly
014187-45 Blue Rubber Cover (used on both style guns)

#### **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



#### 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 settings
- Shuts off when handle is released



#### 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



#### 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 water guns
- Variable spray patterns
- Drip-free automatic shut-off

MV-3516-21 1/2 NPT x 1/2" hose barb NV-3516-22 1/2 NPT x 3/4" hose barb NV-3516-23 1/2 NPT x 1" hose barb NV-3516-24 1/2 NPT female inlet NV-3516-24-RK MV-3516-24 repair kit

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

2	(000895-45)	Spring	2	(001040-45)	Bonnet binding
		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	(000074 45)	Dannat washau	,	(011475 45)	Dl h
4	(0009/4-45)	Bonnet washer	ı	(0114/3-43)	Blue spray head
2	(010476-45)	Hose washer			ring
		Packing stem	1	(000913-45)	Spray face screw
2	1000004 201	Value stem			
	(009306-20)	vaive sieili	- 1	(011430-43)	Blue spray face
2	(001040-45)	Bonnet binding	2	(000895-45)	Spring
		washer		,	Spring
2	(012915-45)	Seat washer boni	net as	y.	

#### 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



#### **Spray Valves / Repair Kits**

#### 108V-RK B-0108 JeTSpray Valve Repair Kit

- 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

- Washer
- EPAct 2005 compliant B-0108 spray face (1.48 GPM)
- Individual items not sold separately





#### 108T-RK B-0108 JeTSpray Trigger Repair Kit

- 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

- Inlet filter
- Tube of Loctite
- Individual items not sold separately





#### 108HSF-RK B-0108-H JeTSpray High Flow Spray Face Repair Kit

- 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**

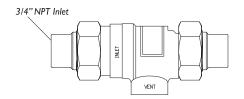
#### B-0512 Shut Off Control Valve

- Wall mounted
- 3/8" NPT inlets and outlet
- 3" C/C
- **B-0513** same as B-0512 except with lever handles



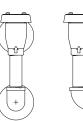
#### B-0962 Continuous Pressure Vacuum Breaker Assembly

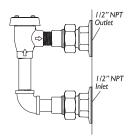
- 3/4" NPT female inlet
- Polished chrome plated finish



## B-0929-A Atmospheric Vacuum Breaker Assembly

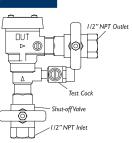
- 1/2" NPT female inlet and outlet
- Polished chrome plated finish
- B-0929 same as B-0929-A except with 3/8" NPT inlet and outlet





#### 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)





#### **Shut-Off Valves / Vacuum Breakers**

3/8" NPT Outlet

#### B-0965 **Atmospheric Vacuum Breaker Assembly**

 Atmospheric vacuum breaker assembly with exposed outlet

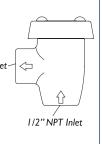
• 1/2" NPT inlet and 3/8" NPT outlet

 Polished chrome plated finish



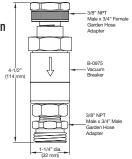
#### B-0969 **Atmospheric Vacuum Breaker Assembly**

- 1/2" NPT female inlet and outlet
- Polished chrome plated finish 1/2" NPT Outlet
- **B-0968** same as B-0969 except with 3/8" NPT inlet and outlet
- B-0968-HA B-0968 vacuum breaker hood assembly



#### B-0975-GH **Vacuum Breaker Assembly**

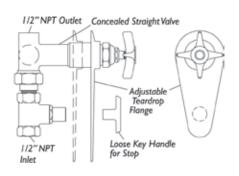
- 3/8" NPT male x 3/4" female garden hose adapter
- 3/8" male x 3/4" male garden hose 4-1/2 adapter



#### **B-1025-ST Concealed Straight Valve**

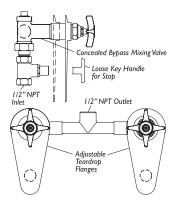
- 1/2" NPT female inlet and outlet
- Integral loose key stop behind 6" (152 mm) teardrop flange

014940-45



#### **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	•	
Part Number	Hose I.D.	Hose Length	PSI
014946-45	3/8"	ALL	300
014947-45*	1/2"	ALL	300
Spri	ing Assemb	olies	
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
Н	ose Stop Ki	its	
Part Number	Hose I.D.	Hose Length	PSI
014949-45	3/8"	ALL	300
014950-45*	1/2"	ALL	300
	t		
Part Number	Hose I.D.	Hose Length	PSI

ALL

300

3/8" and 1/2"

Part Number 014938-45	<b>Hose I.D.</b> 3/8" and 1/2"	Hose Length 15'/35'/50'	<b>PSI</b> 300
Enclosed Small 014936-45	3/8"	30'	300
Enclosed Large 014937-45	3/8" and 1/2"	50'	300
	Hose Kits		

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 limited on 1/2" specific parts

IOI Ding Kil

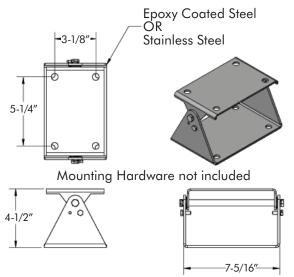
Part Number	Hose I.D.	Hose Length	PSI	
014948-45	ALL	ALL	300	

#### **Mounting Brackets**

#### G016636-45 Swing Bracket

- Epoxy coated steel
- Fits all 35' epoxy coated hose reels

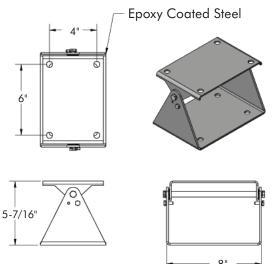




#### G016637-45 Swing Bracket

- · Epoxy coated steel
- Fits all 50' epoxy coated hose reels





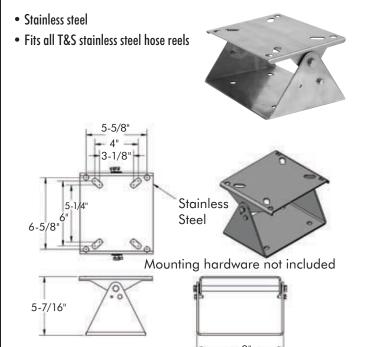
#### G016652-45 Pivot Bracket

- Epoxy coated steel
- Fits all T&S hose reels





#### G016737-45 Stainless Steel Bracket





#### **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

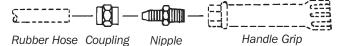


#### **Check Valves**

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

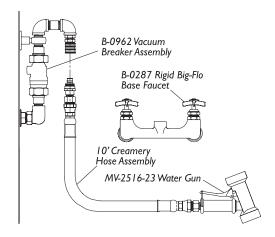
#### 045A Reel Hose Repair Kit

Includes coupling and nipple insert



#### B-0273 Washd<u>own Station</u>

- 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)



## 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

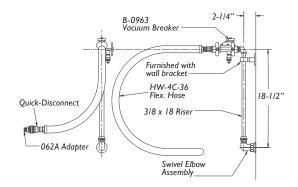


## ORK3 Shut Off Control Valve

- 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

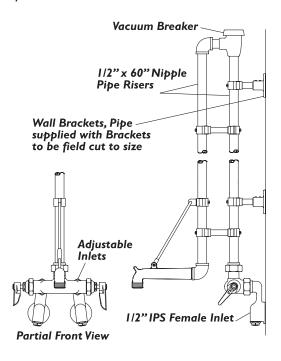


#### ORK-SK Hose Reel Connector Kit



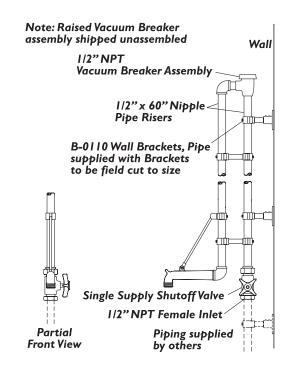
#### B-0491-01 Service Sink Faucet with Elevated Vacuum Breaker

- 5' elevated atmospheric vacuum breaker
- 6" service sink spout with garden hose thread outlet
- Furnished with top spout brace and (2) B-0109-01 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-0109-01 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





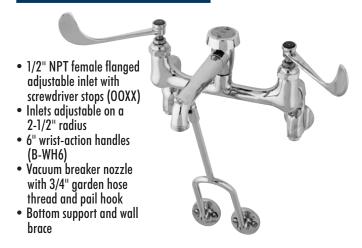
#### **B-0651-POL Service Sink Faucet**

- 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)



- **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

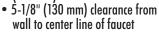
#### **B-0655-01 Service Sink Faucet**



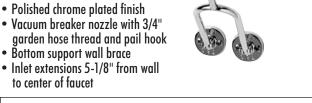
- **B-0655-02** Same as B-0655-01 except 15-3/4" (400 mm) from wall to center of outlet
- **B-0652** Same as B-0655-02 except without garden hose threads and without vacuum breaker

#### **B-0655-BSTP Service Sink Faucet**

- Built-in screwdriver
- 8" (203 mm) centers adjustable from 7-3/4" (197 mm) to 8-1/4" (210 mm)

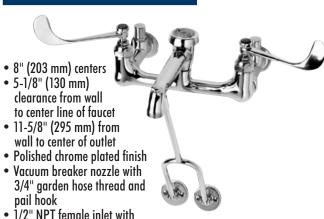


- 11-5/8" (295 mm) from wall to center of outlet
- Polished chrome plated finish
- garden hose thread and pail hook
- to center of faucet



- **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**



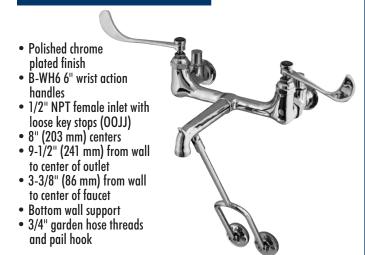
- 1/2" NPT female inlet with loose key stops (OOJJ)
- B-WH6 6" (152 mm) wrist-action handles
- Bottom support wall brace
- 1/2" NPT female inlets

**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

## **B-0660-BSTP** 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 Built in stops • 2-3/8" (60 mm) from wall to center line of faucet 1/2" NPT female eccentric flanged inlets (OOAA)

- **B-0660-BSTR** Same as B-0660-BSTP except with rough chrome plated finish
- **B-0660-POL** Same as B-0660-BSTP except without built in stops
- **B-0660-RGH** Same as B-0660-POL except with rough chrome plated
- 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

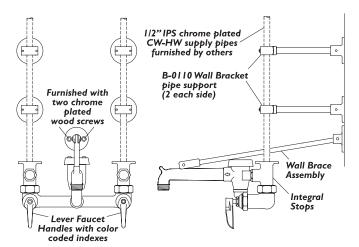
#### **B-0664 Service Sink Faucet**



- 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
- 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-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 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

NEW

- B-0665-BSTRM B-0665-BSTR Master Box (6)
- B-0665-BSTRM12 B-0665-BSTR Master Box (13)
- **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)

 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 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**



- 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" aarden 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-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-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 OOJJ inlets with integral stops
- **B-0693-POL-CR** Same as B-0693-POL except with cerama
- **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**

- 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-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 flanaes

#### 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
- 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

#### **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-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<sup>i</sup> (914 mm) rubber hose (B-0618-01) with 3/4" garden hose inlet



#### 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-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 50°-500° 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**

cast bronze globe valve with renewable disc and nickel alloy seat
• Two B-0109-01 wall brackets, adjustable from 2" to 6" from wall

• 3/4" NPT inlet and outlet

• Supply piping furnished by

MV-1907-12

others



Model No. Size Valve (inches) 1/2" 3/4" MV-1907-11

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 50°-500° F
- Stainless steel hose rack
- Chrome finish

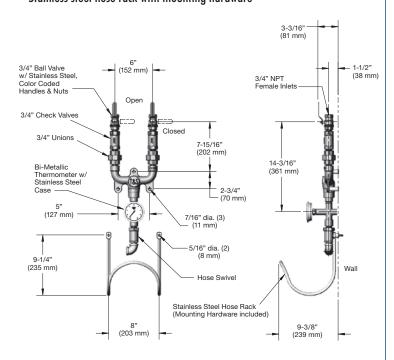
Model No. Size Valve (inches) MV-1907-11CW 1/2" 3/4" MV-1907-12CW

MV-1907-11CW-ER Same as MV-1907-11CW except with 10' hose and water gun



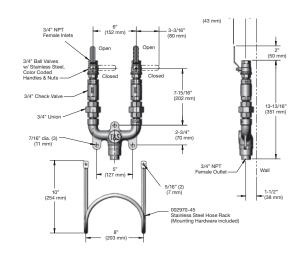
#### MV-0771-12N-BVT **Washdown Station**

- 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 page E11 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-\_

#### Orifice Size

2 = 5/16"

3 = 7/16"

4 = 9/16"

Coupling

1 = 1/2"

2 = 3/4" 3 = 1"

3 - 14 = without

Model	Orifice Size	Coupling
MV-2516-		
-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"	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

<u>Model</u>	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"	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











## **G-9** 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 guick-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™ 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 F10 Components • 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-9 General Product Catalog** "Master Index" section (IN).



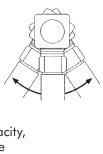
# SAFEGE More Reasons Than Ever To Connect With T&S

#### **SwiveLink Performance Advantages**

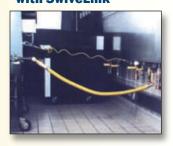
- Provides a consistent, stress-free torque-free swivel motion
- Eliminates kinking, allowing entire connector length to be used
- Optimal wall clearance. Castered appliances come out further to facilitate clean up, installation and maintenance, and may be pushed closer to the wall without connector 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"

# YEAR WARRANTY

#### 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**

## Safe-T-Link SwiveLink (optional, gas only)

Specify the new **SwiveLink** swivel, the ultimate connector accessory, and you gain increased mobility and critical space savings over fixed-end products. For the first time, let SwiveLink connect you to the ultimate convenience of utilizing 100% of the connector's overall length.



## Safe-T-Link FreeSpin

(standard, gas only)

With the new **FreeSpin** feature, you hook up with the most technically advanced end fitting available in the industry. These "live" ends – standard on both ends of the T&S Safe-T-Link gas connectors – provide a constant 360° rotation for reducing stress while extending connector life. Plus, the entire fitting design helps increase operational safety.



## **Quick-Disconnect Advantages**

- For use when you need a Quickdisconnect located at the back of the appliance
- Quick-disconnect socket acts as shut-off valve when the plug and socket are disconnected
- · 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
- Extruded coating
- Stainless steel braid hose
- 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 fittings
- Available in sizes 1/2" through 1-1/4"
- 1/2 PSI max. gas pressure



## HG-2-S Series with SwiveLink Fittings

Add an "S" to include SwiveLink swivels at both ends

- Maximum clearance from wall
- Minimum folded length
- Stress-free and torque-free motion
- No lock-up position
- 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



#### 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 -**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** 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. for Moveable Cooking Equip.) PS\*\* 1-1/4" N.P.T. F Length **Order** 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,



**HG-4S** 

HG-6

HG-2

**HG-2S** 

## **HG - 4D - 48SK** 72" 72

48

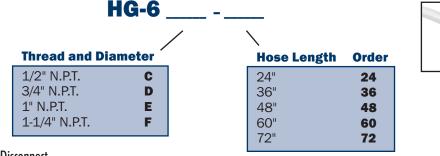
60

\*\* Models -2C, -2D, -4C, -4D and -4E only

48"

60"

#### **Specifying An HG-6 Gas Appliance Connector**



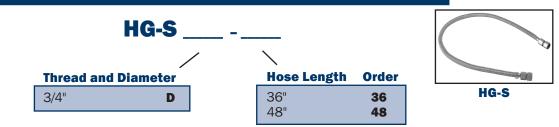
#### **Example:**

Gas hose with Reverse Quick-Disconnect, 3/4" N.P.T., 48" long:

3/4" N.P.T. and 48" long with SwiveLink fittings:

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:

Kit with 1/2" Elbow Kit with 3/4" Elbow Kit with 1" Elbow Kit with 1-1/4" Elbow 5' cable w/ hardware	AG-KC
Kit with 3/4" Elbow	AG-KD
Kit with 1" Elbow	AG-KE
Kit with 1-1/4" Elbow	AG-KF
5' cable w/ hardware	AG-RC

#### **Gas Appliance Parts, Components and Accessories**

#### **Quick-Disconnect**

1/2" AG-5C 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

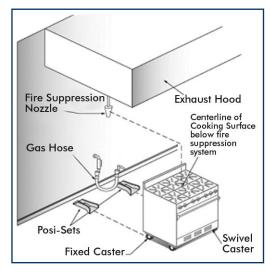


#### **POSI-SET™** Wheel Placement System

- 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**

Minimum B.T.U. Capacity (in thousandths)

		24"	36"	48"	60"	72"
	C=1/2"	150	125	106	95	86
HG-2	D=3/4"	291	250	215	200	174
	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
110-2-0	E=1"	582	515	443	395	348
	F=1-1/4"	1042	926	809	735	634

		24"	36"	48"	60"	<b>72</b> "
	C=1/2"	85	75	70	65	55
HG-4	D=3/4"	235	220	180	160	140
HG-4-S	E=1"	420	380	335	290	280
	F=1-1/4"	700	620	540	475	420

		24"	36"	48"	60"	<b>72</b> "
HG-6	C=1/2"	85	75	70	65	55
	D=3/4"	235	220	180	160	140
	E=1"	420	380	335	290	280
	F=1-1/4"	700	620	540	475	420

#### **Stationary Appliance Connectors Capacity**

Minimum B.T.U. Capacity (in thousandths)

		36"	48"
HG-S	D=3/4"	128	106



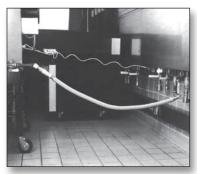
#### **SwivelLink Installation Instructions**

Specify the T&S **SwiveLink** swivel, the ultimate connector accessory, and you gain increased mobility and critical space savings over fixed-end products.

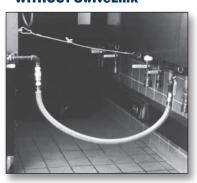
For the first time, let **SwiveLink** connect you to the ultimate convenience of utilizing 100% of the connector's overall length.

- 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

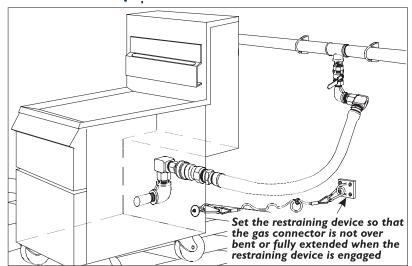
## Usable length of hose with SwiveLink



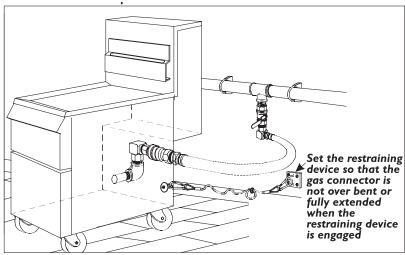
## Usable length of hose WITHOUT SwiveLink



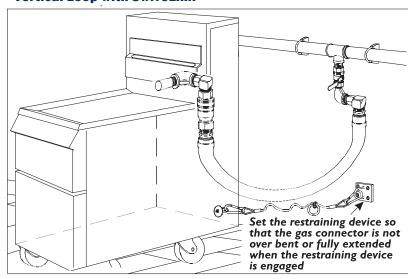
#### **Combination Loop with SwiveLink**



#### **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

F 10



#### **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

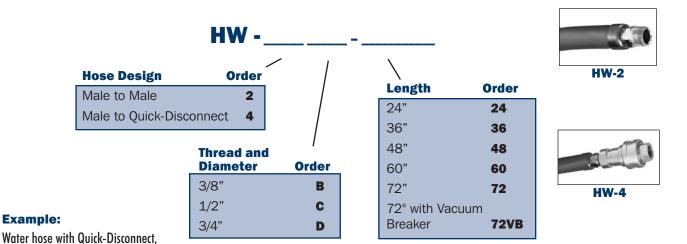



**HW-6** 



#### **Water Appliance Connectors - Specifications**

#### Specifying An HW-2 and HW-4 Water Appliance Connector

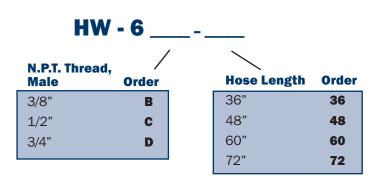


**HW - 4D - 48** 

3/4" diameter and 48" long:

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**





Water hose with Reverse Quick-Disconnect, 1/2" N.P.T. and 36" long:





Listed alphabetically by model number

Model	Description	Model	Description	Model	Description
GAS APPLIANCE CONNECTORS					
AG-5C	GAS QUICK-DISCONNECT-1/2"	HG-2E-48SK	GAS HOSE 1" x 48" SW KIT	HG-4E-60K	GAS HOSE 1" x 60" Q-D KIT
AG-5D	GAS QK-DISCONNECT-3/4" NPT	HG-2E-60	GAS HOSE 1" NPT x 60" LNG	HG-4E-60S	GAS HOSE 1" x 60" SW Q-D
AG-5E	GAS QK-DISCONNECT-1" NPT	HG-2E-60K	GAS HOSE 1" x 60" KIT	HG-4E-60SK	GAS HOSE 1" x 60" Q-D SW KIT
AG-5F	GAS QUICK-DSICONNECT-1-1/4"	HG-2E-60S	GAS HOSE 1" x 60" SWIVELS	HG-4F-48	GAS HOSE 1-1/4" x 48" LNG Q-D
AG-6C	GAS SWIVELINK-1/2" NPT MA	HG-2E-72	GAS HOSE 1" NPT x 72" LNG	HG-4F-48K	GAS HOSE 1-1/4" x 48" Q-D KIT
AG-6D	GAS SWIVELINK-3/4" NPT MA	HG-2E-72K	GAS HOSE 1" x 72" KIT	HG-4F-48S	GAS HOSE 1-1/4" x 48" SW Q-D
AG-6E	GAS SWIVELINK-1" NPT MA X	HG-2E-72S	GAS HOSE 1" x 72" SWIVELS	HG-4F-48SK	GAS HOSE 1-1/4" x 48" Q-D SW
AG-6F	GAS SWIVELINK-1-1/4" NPT	HG-2F-48	GAS HOSE 1-1/4" x 48" LNG	HG-4F-60	GAS HOSE 1-1/4" NPT x 60" Q-D
AG-7D	GAS BALL VALVE-3/4" NPT	HG-2F-48K	GAS HOSE 1-1/4" x 48" KIT	HG-4F-60K	GAS HOSE 1-1/4" x 60" Q-D KIT
AG-8C-MF	GAS STREET EL-1/2" NPT M X F	HG-2F-48SK	GAS HOSE 1-1/4" x 48" SW KIT	HG-4F-60S	GAS HOSE 1-1/4" x 60" SW Q-D
AG-8D-FF	GAS ELBOW-3/4" NPT FE X FE	HG-4C-36	GAS HOSE 1/2" x 36" Q-D	HG-4F-60SK	GAS HOSE 1-1/4" x 60" Q-D SW K
AG-8D-MF	GAS STREET EL-3/4" NPT M X F	HG-4C-36K	GAS HOSE 1/2" x 36" Q-D KIT	HG-6D-48	GAS HOSE RVS-Q-D 3/4"x 48"
AG-8E-MF	GAS STREET EL-1" NPT MA X F	HG-4C-36S	GAS HOSE 1/2" x 36" SW Q-D	HG-6D-72	GAS HOSE RVS-Q-D 3/4"x 72"
AG-KC	GAS KIT-CABLE VALVE EL-1/2"	HG-4C-36SK	GAS HOSE 1/2" x 36" Q-D SW KIT	HG-SD-36	GAS HOSE STATIONARY 3/4" x 36"
AG-KD	GAS KIT CABLE VALVE EL-3/4"	HG-4C-48	GAS HOSE 1/2" x 48" Q-D	HG-SD-48	GAS HOSE STATIONARY 3/4" x 48"
AG-KE	GAS KIT CABLE VALVE EL-1"	HG-4C-48K	GAS HOSE 1/2" x 48" Q-D KIT		
AG-KF	GAS KIT CABLE VALVE EL-1-1/4"	HG-4C-48S	GAS HOSE 1/2" x 48" SW Q-D		
AG-RC	5 FT. CABLE w/HARDWARE	HG-4C-48SK	GAS HOSE 1/2" x 48" Q-D SW KIT		
HG-2C-36	GAS HOSE 1/2" NPT x 36" LN	HG-4C-60	GAS HOSE 1/2" x 60" Q-D		ANCE CONNECTORS
HG-2C-36K	GAS HOSE 1/2" X 36" KIT	HG-4C-60K	GAS HOSE 1/2" x 60" KIT	AW-5B	3/8" Brass Q-Disconnect
HG-2C-36S	GAS HOSE 1/2" x 36" SWIVEL	HG-4C-60S	GAS HOSE 1/2" x 60" SW Q-D	AW-5C	1/2" Brass Q-Disconnect
HG-2C-48	GAS HOSE 1/2" NPT x 48" LN	HG-4C-60SK	GAS HOSE 1/2" x 60" Q-D SW KIT	AW-5D	3/4" Brass Q-Disconnect
HG-2C-48K	GAS HOSE 1/2" x 48" KIT	HG-4C-72	GAS HOSE 1/2" x 72" Q-D	HW-2B-24	Water Hose, Male, 3/8" x 24"
HG-2C-48S	GAS HOSE 1/2" x 48" SWIVEL	HG-4C-72K	GAS HOSE 1/2" x 72" KIT	HW-2B-36	Water Hose, Male, 3/8" x 36"
HG-2C-48SK	GAS HOSE 1/2" x 48" SW KIT	HG-4C-72S HG-4D-24	GAS HOSE 1/2" x 72" SW Q-D GAS HOSE 3/4" x 24" Q-D	HW-2B-48 HW-2B-72	Water Hose, Male, 3/8" x 48" Water Hose, Male, 3/8" x 72"
HG-2C-60 HG-2C-72	GAS HOSE 1/2" NPT x 60" LN	HG-4D-24K	GAS HOSE 3/4" x 24" Q-D KIT	HW-2C-36	Water Hose, Male, 1/2" x 36"
HG-2C-72 HG-2C-72K	GAS HOSE 1/2" NPT x 72" LN GAS HOSE 1/2" NPT x 72" KIT	HG-4D-248	GAS HOSE 3/4" x 24" SW Q-D	HW-2C-48	Water Hose, Male, 1/2" x 48"
HG-2D-24	GAS HOSE 3/4" NPT x 24" LN	HG-4D-24SK	GAS HOSE 3/4" x 24" Q-D SW KIT	HW-2C-60	Water Hose, Male, 1/2" 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, 1/2" x 72"
HG-2D-24S	GAS HOSE 3/4" x 24" SWIVEL	HG-4D-36K	GAS HOSE 3/4" x 36" Q-D KIT	HW-2D-48	Water Hose, Male, 3/4" x 48"
HG-2D-24SK	GAS HOSE 3/4" x 24" SW KIT	HG-4D-36S	GAS HOSE 3/4" x 36" SW Q-D	HW-4B-24	Water Hose w/Q-D, 3/8" x 24"
HG-2D-36	GAS HOSE 3/4" NPT x 36" LN	HG-4D-36SK	GAS HOSE 3/4" x 36" Q-D SW KIT	HW-4B-36	Water Hose w/Q-D, 3/8" 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, 3/8" x 48"
HG-2D-36S	GAS HOSE 3/4" x 36" SWIVEL	HG-4D-48K	GAS HOSE 3/4" x 48" Q-D KIT	HW-4B-72	Water Hose w/Q-D, 3/8" x 72"
HG-2D-36SK	GAS HOSE 3/4" 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" LN	HG-4D-48SK	GAS HOSE 3/4" x 48" Q-D SW KIT		Breaker, 3/8" 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, 1/2" 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, 1/2" 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, 1/2" x 60"
HG-2D-60	GAS HOSE 3/4" NPT x 60" LN	HG-4D-60SK	GAS HOSE 3/4" x 60" Q-D SW KIT	HW-4C-72	Water Hose w/Q-D, 1/2" 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 Breaker, 1/2" x 72"
HG-2D-60SK	GAS HOSE 3/4" x 60" SW KIT	HG-4D-72K	GAS HOSE 3/4" x 72" Q-D KIT	HW-4D-48	Water Hose w/Q-D, 3/4" x 48"
HG-2D-72	GAS HOSE 3/4" NPT x 72" LN	HG-4D-72S	GAS HOSE 3/4" x 72" SW Q-D	HW-6C-36	Water Hose w/RVS-Q-D, 1/2" x 36"
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-48	Water Hose w/RVS-Q-D, 1/2" 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	Water Hose w/RVS-Q-D, 3/4" x 48"
HG-2D-72SK	GAS HOSE 3/4" x 72" SW KIT	HG-4E-36K	GAS HOSE 1" x 36" Q-D KIT		
HG-2E-36	GAS HOSE 1" NPT x 36" LNG	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" QD 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" LNG	HG-4E-48S	GAS HOSE 1" x 48" SW Q-D		
HG-2E-48K	GAS HOSE 1" x 48" KIT	HG-4E-48SK	GAS HOSE 1" x 48" Q-D SW KIT		F8 For NEW
HG-2E-48S	GAS HOSE 1" x 48" SWIVELS	HG-4E-60	GAS HOSE 1" NPT x 60" LNG Q-D	POSI-SET	M 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.







### 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









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-7656WC Recessed Wall Mounted Eye/Face Wash Unit**

- · Barrier-free recessed stainless steel cabinet with satin finish has single-action pull down to activate
- · Twin ABS plastic green heads, built in 2.5 gpm flow control
- · Integral flip top dust covers automatically release with flow of water
- · Stainless steel drain pan collects eyewash wastewater and directs it to waste within cabinet
- · Supply: 1/2" IPS; Waste: 1-1/2" IPS
- · Universal emergency eyewash sign
- · "Test This Week" tag to record weekly testing record of equipment

#### 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 +/-  $5^{\circ}F$  (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

- · Certified in the U.S. to meet ANSI Z358.1 Standard for Emergency Eyewash and Shower Equipment
- · Certified by CE and CSA in Europe and Canada
- · All products tested before shipping
- · Quick-Ship next day shipping available









EW-9095 (installed)



#### **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
- $\cdot$  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







**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













							G-9
Model No.	Section & Page	Model No	. Section & Page	Model No	o. Section & Page	Model No.	Section & Page
004R	<b>A</b> 17, 19, 21-24	000986-45	<b>C</b> 35, 36; <b>D</b> 61	002710-40	A40; C36; D61	00GG	A39; C13; D71
000024-40	<b>B</b> 6	001022-45	<b>A</b> 40; <b>C</b> 34, 36;	002711-40	A38, 40; C36; D61	0011	A39; C13; D71
000059-40	<b>D</b> 60		<b>D</b> 59	002712-40	A38, 42; C36; D61	OOKK	A39; C13; D71
000176-40	<b>B</b> 10	001033-45	<b>B</b> 6	002713-40	A40; C36; D61	OOLL	<b>C</b> 12; <b>D</b> 70
000265-20	<b>C</b> 12; <b>D</b> 70	001040-45	A38; D59; E12	002714-40	A40; C36; D61	OOWW	A39; C13; D71
000357-40	<b>C</b> 12; <b>D</b> 70	001042-45	A40; C36; D61	002721-45	A40; B14; C36; D61	OOXX	A39; C13; D71
000358-40	<b>C</b> 12; <b>D</b> 70	001047-45	A40; C36; D61	002726-45	A40; B14; C36;	00YY	A39; C13; D71
000361-40	<b>C</b> 12; <b>D</b> 70	001062-45	<b>B</b> 14		<b>D</b> 61	010027-40	<b>C</b> 7; <b>D</b> 65
000363-40	<b>C</b> 12; <b>D</b> 70	001074-45	<b>C</b> 35; <b>D</b> 59	002824-40	<b>A</b> 12, 17, 19, 20, 22	010123-45	<b>B</b> 5
000369-40	<b>A</b> 17, 19, 21; <b>C</b> 11;	001075-45	A40; B14; C36; D61	002829-40	<b>A</b> 13, 17, 19, 20, 23;	010126-45	<b>B</b> 5
	<b>D</b> 70	001084-45	<b>A</b> 38		<b>E</b> 9	010196-25	<b>C</b> 35
000372-40	<b>A</b> 17, 19, 21, 24, 25,	001088-45	A40; C36; D61	002832-40	<b>A</b> 14, 17, 19,21, 24	010197-25	<b>C</b> 34
	26; <b>C</b> 11; <b>D</b> 70	001092-45	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	002840-40	<b>A</b> 22	010384-45	<b>C</b> 31
000373-40	<b>A</b> 17, 19	001098-45	<b>C</b> 32, 35; <b>D</b> 59	002848-40	<b>C</b> 6, <b>D</b> 64	010385-45	<b>C</b> 31
000376-40	<b>A</b> 17, 19; <b>C</b> 11; <b>D</b> 70	001100-45	A38; B14; D59; E12	002850-40	<b>B</b> 10	010386-45	<b>C</b> 31
000425-40	<b>B</b> 6	001120-45	<b>A</b> 35, 37	002851-40	<b>B</b> 6	010387-45	<b>C</b> 31
000544-25	<b>C</b> 11; <b>D</b> 69	001121-45	<b>A</b> 35, 39; <b>E</b> 12	002852-40	<b>B</b> 10	010388-45	<b>C</b> 31
000545-25	<b>C</b> 11; <b>D</b> 69	001136-45	<b>D</b> 59	002853-40	<b>B</b> 10	010391-45	<b>C</b> 31
000546-25	<b>C</b> 11; <b>D</b> 69	001145-45	<b>B</b> 14	002856-40	<b>A</b> 35, 37, 39	010393-45	<b>C</b> 31
000547-25	<b>B</b> 6; <b>C</b> 11; <b>D</b> 69	001191-45	<b>D</b> 59	002862-40	<b>A</b> 31	010394-45	<b>C</b> 31
000548-25	<b>C</b> 11; <b>D</b> 69	001194-45	<b>D</b> 59	002864-40	<b>B</b> 6	010476-45	<b>A</b> 37, 40; <b>E</b> 12
000552-25	<b>C</b> 11; <b>D</b> 69	001248-40	<b>B</b> 10	002866-40	<b>B</b> 6	011276-40	A40, C36; D61
000554-25	<b>C</b> 11; <b>D</b> 69	001326-40	<b>C</b> 7; <b>D</b> 65	002882-40	<b>A</b> 19	011277-40	A40, C36; D61
000590-25	<b>B</b> 10	001327-40	<b>C</b> 7; <b>D</b> 65	002884-40	<b>A</b> 19	011278-25	A40; C36; D61
000592-25	<b>B</b> 10	001328-40	<b>C</b> 7; <b>D</b> 65	002900-40	<b>B</b> 10	011279-25	A40; C36; D61
000718-25	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 61	001355-40	<b>C</b> 12; <b>D</b> 70	002954-45	<b>B</b> 6	011311-40	<b>A</b> 40, <b>C</b> 36; <b>D</b> 61
000741-40	<b>B</b> 6	001359-40	<b>C</b> 11; <b>D</b> 69	002987-40	<b>B</b> 6	011312-40	<b>A</b> 40, <b>C</b> 36; <b>D</b> 61
000761-20	<b>C</b> 34	001466-20	<b>A</b> 40; <b>C</b> 36; <b>D</b> 61	003090-45	<b>B</b> 6, 14	011355-45	<b>C</b> 31
000764-20	<b>B</b> 14	001479-45	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	003105-40	<b>C</b> 11; <b>D</b> 69	011356-45	<b>C</b> 31
000788-20	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	001596-25	<b>C</b> 12; <b>D</b> 70	003164-45	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	011363-45	<b>A</b> 38
000789-20	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	001624-25	<b>C</b> 11; <b>D</b> 69	003198-45	<b>A</b> 37; <b>B</b> 14	011456-45	<b>E</b> 12
000794-25	<b>A</b> 40; <b>C</b> 36; <b>D</b> 61	001636-45	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 65	003199-45	<b>A</b> 37; <b>B</b> 14	011475-45	<b>E</b> 12
	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 61		<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 65	003690-45	<b>D</b> 59	011616-25	A40; C36; D61
000801-25	<b>A</b> 40; <b>C</b> 32, 33, 35,	001638-45	<b>A</b> 38, 40; <b>C</b> 7, 36;	005959-40	A40, C36; D61	011617-25	A40; C36; D61
	36; <b>D</b> 61		<b>D</b> 59, 65	005960-40	<b>A</b> 40, <b>C</b> 36; <b>D</b> 61	011618-25	<b>A</b> 40; <b>C</b> 36; <b>D</b> 61
000811-25	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	001660-45	<b>A</b> 38, 40; <b>C</b> 34-36;	005969-40	<b>A</b> 31	011619-25	<b>A</b> 40; <b>C</b> 36; <b>D</b> 61
000811-250	WS <b>D</b> 59		<b>D</b> 59, 60, 65	006482-40	A40; C36; D61	012394-25	<b>A</b> 40; <b>C</b> 36; <b>D</b> 61
000812-25	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	001661-45	<b>A</b> 38, 40; <b>C</b> 34-36;	006678-45	<b>B</b> 7	012395-25	<b>A</b> 40; <b>C</b> 36; <b>D</b> 61
000812-250	WS <b>D</b> 59		<b>D</b> 59, 60, 65	006895-20	<b>C</b> 12; <b>D</b> 70	012442-40	<b>A</b> 40, <b>C</b> 36; <b>D</b> 61
000821-40	<b>A</b> 17	001769-40	<b>C</b> 12; <b>D</b> 70	007861-45	<b>A</b> 35, 39, 40; <b>E</b> 12	012443-40	A40, C36; D61
000888-45	<b>A</b> 17, 22, 24, 25, 26	001783-40	<b>C</b> 7; <b>D</b> 65	009002-25	<b>D</b> 59	012444-40	A40, C36; D61
000894-45	<b>B</b> 14	001784-40	<b>C</b> 7; <b>D</b> 65	009227-40	<b>A</b> 39	012445-40	A40, C36; D61
000895-45	<b>A</b> 38; <b>E</b> 12	001806-25	<b>C</b> 11; <b>D</b> 69	009306-20	A38; D59; E12	012446-40	A40, C36; D61
000907-45	<b>A</b> 17, 35, 37	001907-25	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	009744-45	·	012447-40	<b>A</b> 40, <b>C</b> 36; <b>D</b> 61
000913-45	<b>A</b> 35, 39, 40; <b>E</b> 12	001908-25	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	009745-45	<b>C</b> 32, 35; <b>D</b> 61	012449-40	<b>C</b> 36; <b>D</b> 61
000922-45	<b>A</b> 38, 40; <b>C</b> 34-36;	002521-45	<b>C</b> 35; <b>D</b> 59, 65	009749-25	A40; C36; D61	012665-45	<b>B</b> 14; <b>D</b> 59
	<b>D</b> 59, 60	002534-25	<b>C</b> 12; <b>D</b> 70	009750-25		012915-45	A38; D59; E12
000925-45	<b>D</b> 59	002535-25	<b>C</b> 12; <b>D</b> 70		<b>A</b> 40; <b>B</b> 14; <b>C</b> 34; <b>D</b> 61	013E-36-H	<b>A</b> 33
000933-45	<b>A</b> 40; <b>B</b> 14; <b>C</b> 34,	002584-25	<b>C</b> 11; <b>D</b> 69	009937-40		013E-48-H	<b>A</b> 33
	36; <b>D</b> 59	002601-45	<b>A</b> 40; <b>C</b> 34, 36; <b>D</b> 59	OOAA	A39; C13; D71	013E-60-H	<b>A</b> 33
000974-45	A38; B14; D59; E12	002659-45	<b>A</b> 37	00BB	A39; C13; D71	013E-72-H	<b>A</b> 33
000976-45	<b>A</b> 40; <b>B</b> 14; <b>C</b> 34-36;	002662-40	<b>A</b> 37	00CC	A39; C13; D71	014086-45	<b>E</b> 12, 28
	<b>D</b> 61	002709-40	A40; C36; D61	00EE	A39; C13; D71	014087-45	<b>E</b> 12, 28



Model No. Section & Page   No. 1016   No. 1016				G-9
0.14132-45	Model No. Section & Page	Model No. Section & Page	Model No. Section & Page	Model No. Section & Page
0.14132-45	014131-45 <b>E</b> 12, 28	<b>D</b> 62	136X <b>C</b> 4; <b>D</b> 62	B-0044-H2AML <b>A</b> 33; <b>B</b> 15
0.1415-4-5	·	062XM <b>C</b> 4; <b>D</b> 62		B-0044-H2AMS <b>A</b> 33; <b>B</b> 15
0.14187-45	014145-45 <b>A</b> 40; <b>C</b> 36; <b>D</b> 61	063X <b>C</b> 4; <b>D</b> 62		B-0044-HF <b>A</b> 33; <b>B</b> 15
0.4193-40   C7, 36; D61, 65   0.65x M   C4; D62   1.60x   C5; D63   B-0.044-RM   A33; B15     0.1493-45   C7, 36; D61, 65   0.65x M   C4; D62   1.62x   C5; D63   B-0.044-RM   A33; B15     0.1493-45   E14   0.66x	014152-40 <b>C</b> 36; <b>D</b> 61	063XM <b>C</b> 4; <b>D</b> 62	152X <b>C</b> 4; <b>D</b> 62	B-0044-HML <b>A</b> 33; <b>B</b> 15
0.14198-4-0		064X <b>C</b> 4; <b>D</b> 62	153X <b>C</b> 4; <b>D</b> 62	B-0044-HMS <b>A</b> 33; <b>B</b> 15
0.414933-45	014193-40 <b>C</b> 7, 36; <b>D</b> 61, 65	064XM <b>C</b> 4; <b>D</b> 62	160X <b>C</b> 5; <b>D</b> 63	B-0044-R <b>A</b> 33; <b>B</b> 15
C14932-45	014194-40 <b>C</b> 7, 36; <b>D</b> 61, 65	065X <b>A</b> 17, 19; <b>C</b> 4, 14, 18, 24;	161X <b>C</b> 5; <b>D</b> 63	B-0044-RML <b>A</b> 33; <b>B</b> 15
0.14934-45	014195-40 <b>C</b> 7, 36; <b>D</b> 61, 65	<b>D</b> 62	162X <b>C</b> 5; <b>D</b> 63	B-0044-RMS <b>A</b> 33; <b>B</b> 15
0.14935-45	014932-45 <b>E</b> 14	065XM <b>C</b> 4; <b>D</b> 62	163X <b>C</b> 5; <b>D</b> 63	B-0044-RV9 <b>A</b> 33; <b>B</b> 15
014935-45         E14         068X         C4, 16, 18; D62         220F         B6         B.0050-H         A33; B15           014937-45         E14         098A         A31; B15         238AB         A42; D61         B-0054-H2A         A33; B15           014938-45         E14         00S6         C5; D63         238AC         A42; D61         B-0056-HA         A33; B15           014941-45         E14         108CSF-RK         A39         A6-5C         F6         B-0066-H         A33; B15           014942-45         E14         108CSF-RK         E13         A6-5C         F6         B-0066-H         A33; B15           014943-45         E14         108SF-RK         E13         A6-5C         F6         B-0068-H         A33; B15           014945-45         E14         108SF-RK         E13         A6-5F         F6         B-0068-H         A33; B15           014945-45         E14         108SF-RK         A39, E13         AG-5F         F6         B-0068-H         A33; B15           014946-45         E14         108V-RK         A39, E13         AG-6F         F6         B-0068-R         A33           014949-45         E14         115X         B12-14; C6; D64         AG-6F <td>014933-45 <b>E</b>14</td> <td>066X <b>C</b>4, 16, 18; <b>D</b>62</td> <td>165X <b>C</b>4; <b>D</b>62</td> <td>B-0044-V9 <b>A</b>33; <b>B</b>15</td>	014933-45 <b>E</b> 14	066X <b>C</b> 4, 16, 18; <b>D</b> 62	165X <b>C</b> 4; <b>D</b> 62	B-0044-V9 <b>A</b> 33; <b>B</b> 15
0.14937-35         E14         069X         C.4; D62         238A         A42; C36; D61         B-0054-H2A         A33; B15           0.14937-45         E14         00S6         65: D63         238AC         A42; D61         B-0056-H2A         A33; B15           0.14940-45         E14         00S6         65: D63         238AC         A42; D61         B-0056-HMS         A33; B15           0.14941-45         E14         108CSFRK         A39         A65C         F6         B-0066-H         A33; B15           0.14942-45         E14         108CSFRK         A39         A65C         F6         B-0066-H         A33; B15           0.14943-45         E14         108SFRK         B39         A65D         F6         B-0068-HZA         A33; B15           0.14946-45         E14         108TRK         A39, E13         AG-5D         F6         B-0068-HZA         A33; B6, 15           0.14947-45         E14         116X         A22; B12-14; C6; D64         AG-6C         F6         B-0068-H         A33; B6, 15           0.14949-45         E14         116X         B12-14; C6; D64         AG-6C         F6         B-0068-H         A33; B6, 15           0.1494-45         E14         116X	014934-45 <b>E</b> 14	067X <b>C</b> 4, 16, 18; <b>D</b> 62	172A <b>A</b> 31; <b>B</b> 6, 15; <b>C</b> 10; <b>D</b> 69	B-0048-H <b>A</b> 33; <b>B</b> 15
0.14937-45	014935-45 <b>E</b> 14	068X <b>C</b> 4, 16, 18; <b>D</b> 62	22GF <b>B</b> 6	B-0050-H <b>A</b> 33; <b>B</b> 15
014938-35         E14         OCS6         C5; D63         238AC         A42; D61         B-0056-HMS         A33; B15           014941-45         E14         108CSF-RK         A39         A65C         F6         B-0060-H         A33; B15           014942-45         E14         108HSF-RK         E13         AG-5C         F6         B-0060-H         A33; B15           01494-3-45         E14         108HSF-RK         E13         AG-5C         F6         B-0068-HML         A33; B6, 15           01494-4-5         E14         108SF-RK         A39, E13         AG-5F         F6         B-0068-HML         A33; B6, 15           01494-5-45         E14         108T-RK         A39, E13         AG-6C         F6         B-0068-HML         A33; B6, 15           01494-4-5         E14         115K         B12-14; 66; D64         AG-6F         F6         B-0072-H         A33; B6, 15           01494-4-5         E14         115K         B12-14; 66; D64         AG-6F         F6         B-0070-H         A33; B6, 15           01494-4-5         E14         115K         B12-14; 66; D64         AG-6F         F6         B-0070-H         A33; B6, 15           01495-45         E14         115K         B12	014936-45 <b>E</b> 14	069X <b>C</b> 4; <b>D</b> 62	238A <b>A</b> 42; <b>C</b> 36; <b>D</b> 61	B-0054-H <b>A</b> 33; <b>B</b> 15
014940-35         E14         OCS8         C5; D63         238AH         A42; D61         B -0060-HMS         A33; B15           014941-45         E14         108CSF-RK         A39         AG-5C         F6         B -0068-H         A33; B15           014943-45         E14         108S-RK         E13         AG-5D         F6         B -0068-H2A         A33; B61, 55           014944-45         E14         108S-RK         A39, E13         AG-6C         F6         B -0068-HMS         A33; B61, 55           014946-45         E14         108V-RK         A39, E13         AG-6C         F6         B -0068-HMS         A33; B61, 55           014948-45         E14         115X         A22; B12-14; C6; D64         AG-6D         F6         B -0068-R         A33; B61, 55           014949-45         E14         115X         A22; B12-14; C6; D64         AG-6D         F6         B -0069-H         A33; B61, 55           014949-45         E14         115X         B12-14; C6; D64         AG-6C         F6         B -0096-H         A33; B61, 15           014949-45         E14         115X         C4, D62         AG-8C-MF         F6         B -0100-M         A28           015550-45         B1, L         120	014937-45 <b>E</b> 14	098A <b>A</b> 31; <b>B</b> 15	238AB <b>A</b> 42; <b>D</b> 61	B-0054-H2A <b>A</b> 33; <b>B</b> 15
014941-45         E14         108CSF-RK         A39         AG-5C         F6         B-0060-H         A33; B15           014942-45         E14         108HSF-RK         E13         AG-5D         F6         B-0068-H         A33; B6, 15           014943-45         E14         108SF-RK         A39, E13         AG-5F         F6         B-0068-HML         A33; B6, 15           014945-45         E14         108F-RK         A39, E13         AG-6D         F6         B-0068-HMS         A33; B6, 15           014947-45         E14         108F-RK         A39, E13         AG-6D         F6         B-0068-HMS         A33; B6, 15           014947-45         E14         108F-RK         A39, E13         AG-6D         F6         B-0068-HMS         A33; B6, 15           014948-45         E14         115X         B12-14; C6; D64         AG-6E         F6         B-0080-H         A33; B6, 15           014949-45         E14         117X         C6; D64         AG-6F         F6         B-0080-H         A33; B6, 15           014949-45         E14         117X         C6; D64         AG-8D-MF         F6         B-0100-M         A32           015590-45         B5, 14         120X         C4; D62	014938-45 <b>E</b> 14	0CS6 <b>C</b> 5; <b>D</b> 63	238AC <b>A</b> 42; <b>D</b> 61	B-0056-H <b>A</b> 33; <b>B</b> 15
014942-45         E14         108HSF-RK         E13         AG-5D         F6         B-0068-H         A33; B15           014943-45         E14         108S-RK         E13         AG-5E         F6         B-0068-HLA         A33; B6, 15           014945-45         E14         108F-RK         A39, E13         AG-6C         F6         B-0068-HMI         A33; B6, 15           01494-6-45         E14         108V-RK         A39, E13         AG-6C         F6         B-0068-HMI         A33; B6, 15           01494-8-45         E14         114X         A22; B12-14; C6; D64         AG-6E         F6         B-0072-H         A33; B6, 15           01494-8-45         E14         115X         B12-14; C6; D64         AG-6F         F6         B-0080-H         A33; B6, 15           01495-45         E14         116X         B12-14; C6; D64         AG-7D         F6         B-0090-H         A33; B6, 15           01495-45         B5, 14         119X         C4; D62         AG-8D-FF         F6         B-0100-O8         A28           015580-45         B5, 14         120X         C4; D62         AG-8D-MF         F6         B-0100-O8C         A28           015782-40         B5         120XP         C4;	014940-45 <b>E</b> 14	0CS8 <b>C</b> 5; <b>D</b> 63	238AH <b>A</b> 42; <b>D</b> 61	B-0056-HMS <b>A</b> 33; <b>B</b> 15
014943-45         E14         1085-RK         A39, E13         AG-5E         F6         B-0068-HZA         A33; B6, 15           014944-45         E14         1085-RK         A39, E13         AG-6C         F6         B-0068-HMS         A33; B6, 15           014946-45         E14         108V-RK         A39, E13         AG-6D         F6         B-0068-HMS         A33; B6, 15           014948-45         E14         114X         A22; B12-14; G6; D64         AG-6D         F6         B-0068-R         A33           014948-45         E14         114X         A22; B12-14; G6; D64         AG-6F         F6         B-0080-H         A33; B6, 15           014948-45         E14         115X         B12-14; G6; D64         AG-7D         F6         B-0080-H         A33; B6, 15           014950-45         E14         117X         C6; D64         AG-8D-FF         F6         B-0100-0         A28           015550-45         B5, 14         120X         C4; D62         AG-8D-FF         F6         B-0100-0         A28           015589-40         B5, 14         120X         C4; D62         AG-BC-MF         F6         B-0100-0         A28           016783-40         B5         120X         C4; D62 <td>014941-45 <b>E</b>14</td> <td>108CSF-RK <b>A</b>39</td> <td>AG-5C <b>F</b>6</td> <td>В-0060-Н АЗЗ; В15</td>	014941-45 <b>E</b> 14	108CSF-RK <b>A</b> 39	AG-5C <b>F</b> 6	В-0060-Н АЗЗ; В15
014944-45         E14         1085-RK         A39, E13         AG-5F         F6         B-0068-HML         A33; B6, 15           014945-45         E14         108T-RK         A39, E13         AG-6C         F6         B-0088-HMS         A33; B6, 15           014945-45         E14         114X         A22; B12-14; C6; D64         AG-6E         F6         B-0080-H         A33; B6, 15           014948-45         E14         115X         B12-14; C6; D64         AG-6F         F6         B-0080-H         A33; B6, 15           014950-45         E14         117X         C6; D64         AG-8C-MF         F6         B-000-H         A33; B6, 15           014950-45         B5, 14         119X         C4; D62         AG-8C-MF         F6         B-010-0         A28           015589-40         B5, 14         120X         C4; D62         AG-8D-MF         F6         B-0100-08         A28           015782-40         B5         120XP         C4; D62         AG-KC         F6         B-0100-02         A28; B1           01743-41-45         D3, 41         122XP         C4; D62         AG-KC         F6         B-0100-C         A28; B1           01744-42-5         D3, 41         122XP         C4; D62 </td <td>014942-45 <b>E</b>14</td> <td>108HSF-RK <b>E</b>13</td> <td>AG-5D <b>F</b>6</td> <td>B-0068-H <b>A</b>33; <b>B</b>15</td>	014942-45 <b>E</b> 14	108HSF-RK <b>E</b> 13	AG-5D <b>F</b> 6	B-0068-H <b>A</b> 33; <b>B</b> 15
014945-45         E14         108T-RK         A39, E13         AG-6C         F6         B-0068-HMS         A33; B6, 15           014946-45         E14         108V-RK         A39, E13         AG-6D         F6         B-008-R         A33; B6, 15           014948-45         E14         115X         B121-14; G6; D64         AG-6F         F6         B-0090-H         A33; B6, 15           01499-45         E14         116X         B121-14; G6; D64         AG-6F         F6         B-0090-H         A33; B6, 15           014950-45         E14         116X         B12-14; G6; D64         AG-8C-MF         F6         B-0100         A28           015550-45         B5, 14         119X         C4; D62         AG-8C-MF         F6         B-0100 -08         A28           015589-40         B5, 14         120X         C4; D62         AG-8C-MF         F6         B-0100 -08C         A28           016782-40         B5         122X         C4; D62         AG-KC         F6         B-0100 -08C         A28           017439-45         D3, 41         122X         C4; D62         AG-KC         F6         B-0100 -0M         A36           017441-45         D3, 41         122X         C4; D62         <	014943-45 <b>E</b> 14	108S-RK <b>E</b> 13	AG-5E <b>F</b> 6	B-0068-H2A <b>A</b> 33; <b>B</b> 6, 15
014946-45         E14         108V-RK         A39, E13         AG-6D         F6         B-0068-R         A33           014947-45         E14         114X         A22; B12-14; C6; D64         AG-6E         F6         B-0072-H         A33; B6, 15           014948-45         E14         116X         B12-14; C6; D64         AG-6F         F6         B-0080-H         A33; B6, 15           014950-45         E14         117X         C6; D64         AG-8C-MF         F6         B-0100         A28           015550-45         B5, 14         119X         C4; D62         AG-8D-MF         F6         B-0100-08         A28           015588-40         B5, 14         120X         C4; D62         AG-8D-MF         F6         B-0100-02H         A28           015782-40         B5         120XP         C4; D62         AG-KC         F6         B-0100-22H         A28, B15           016783-40         B5         120XP         C4; D62         AG-KC         F6         B-0100-CM         A36           017441-45         D3, 41         122X         C4; D62         AG-KC         F6         B-0100-M         A28           01744-4-45         D3, 41         122X         C4; D62         AG-KC	014944-45 <b>E</b> 14	108SF-RK <b>A</b> 39, <b>E</b> 13	AG-5F <b>F</b> 6	B-0068-HML <b>A</b> 33; <b>B</b> 6, 15
014947-45         E14         114X         A22; B12-14; C6; D64         AG-6E         F6         B-0072-H         A33; B6, 15           014948-45         E14         115X         B12-14; C6; D64         AG-6F         F6         B-0080-H         A33; B6, 15           014950-45         E14         117X         C6; D64         AG-7D         F6         B-0090-H         A33; B6, 15           015550-45         B5, 14         119X         C4; D62         AG-8D-FF         F6         B-0100-08         A28           015589-40         B5, 14         120X         C4; D62         AG-8D-FF         F6         B-0100-08         A28           016782-40         B5         120XP         C4; D62         AG-8E-MF         F6         B-0100-C         A28, B15           016783-40         B5         122X         C4; D62         AG-KC         F6         B-0100-C         A28, B15           017442-45         D3, 41         122X         C4; D62         AG-KE         F6         B-0100-M         A28           017442-45         D3, 41         122X         C4; D62         AG-KE         F6         B-0101-A         A28           017442-45         D3, 41         125X         C4; D62         AG-RC	014945-45 <b>E</b> 14	108T-RK <b>A</b> 39, <b>E</b> 13	AG-6C <b>F</b> 6	B-0068-HMS <b>A</b> 33; <b>B</b> 6, 15
014948-45         E14         115X         B12-14; C6; D64         AG-6F         F6         B-0090-H         A33; B6, 15           014950-45         E14         116X         B12-14; C6; D64         AG-7D         F6         B-0090-H         A33; B6, 15           014950-45         B5, 14         119X         C6; D64         AG-8D-FF         F6         B-0100-08C         A28           015559-40         B5, 14         120X         C4; D62         AG-8D-MF         F6         B-0100-08C         A28           015782-40         B5, 14         120X         C4; D62         AG-8E-MF         F6         B-0100-32H         A28; B15           016782-40         B5         120XP         C4; D62         AG-KC         F6         B-0100-32H         A28; B15           017439-45         D3, 41         122XP         C4; D62         AG-KE         F6         B-0100-M         A28           017441-45         D3, 41         122X         C4; D62         AG-KE         F6         B-0101-M         A28           017439-45         D3, 41         125X         C4; D62         AG-KE         F6         B-0101-M         A28           017439-45         D3, 41         122X         C4; D62 <t< td=""><td>014946-45 <b>E</b>14</td><td>108V-RK <b>A</b>39, <b>E</b>13</td><td>AG-6D <b>F</b>6</td><td>B-0068-R <b>A</b>33</td></t<>	014946-45 <b>E</b> 14	108V-RK <b>A</b> 39, <b>E</b> 13	AG-6D <b>F</b> 6	B-0068-R <b>A</b> 33
614949-45         E14         116X         B12-14; C6; D64         AG-7D         F6         B-0096-H         A33; B6, 15           014950-45         B14         117X         C6; D64         AG-8C-MF         F6         B-0100         A28           015550-45         B5, 14         119X         C4; D62         AG-8D-MF         F6         B-0100-08         A28           015589-40         B5, 14         120X         C4; D62         AG-8D-MF         F6         B-0100-08         A28           016782-40         B5         120XP         C4; D62         AG-WC         F6         B-0100-C         A28, 36           016783-40         B5         122X         C4; D62         AG-WC         F6         B-0100-M         A28           017439-45         D3, 41         122XP         C4; D62         AG-WE         F6         B-0101-M         A28           017441-45         D3, 41         125X         C4; D62         AG-WF         F6         B-0101-M         A28           017442-45         D3, 41         126X         C4; D62         AW-5B         F10         B-0101-ENP         A28           01744-4-45         D3, 41         126X         C4; D62         AW-5B         F10 </td <td>014947-45 <b>E</b>14</td> <td>114X <b>A</b>22; <b>B</b>12-14; <b>C</b>6; <b>D</b>64</td> <td>AG-6E <b>F</b>6</td> <td>В-0072-Н АЗЗ; В6, 15</td>	014947-45 <b>E</b> 14	114X <b>A</b> 22; <b>B</b> 12-14; <b>C</b> 6; <b>D</b> 64	AG-6E <b>F</b> 6	В-0072-Н АЗЗ; В6, 15
014950-45         E14         117X         C6; D64         AG-8C-MF         F6         B-0100         A28           015550-45         B5, 14         119X         C4; D62         AG-8D-FF         F6         B-0100-08         A28           015588-40         B5, 14         120X         C4; D62         AG-8D-MF         F6         B-0100-08C         A28           015589-40         B5, 14         120XM         C4; D62         AG-RC         F6         B-0100-32H         A28; B15           016782-40         B5         120XP         C4; D62         AG-KC         F6         B-0100-CM         A28, 36           016783-40         B5         122X         C4; D62         AG-KC         F6         B-0100-CM         A36           017441-45         D3, 41         122X         C4; D62         AG-KE         F6         B-0101-M         A28           017442-45         D3, 41         125X         C4; D62         AW-SB         F10         B-0101-EP2-053A         A28           017444-45         D3, 41         126X         C4; D62         AW-SB         F10         B-0102-EB6         B-0107-EP2-053A         A28           017670-45         C32         127X         C4; D62         B-0015	014948-45 <b>E</b> 14	115X <b>B</b> 12-14; <b>C</b> 6; <b>D</b> 64	AG-6F <b>F</b> 6	В-0080-Н АЗЗ; В6, 15
015550-45         B5, 14         119X         C4; D62         AG-8D-FF         F6         B-0100-08C         A28           015588-40         B5, 14         120X         C4; D62         AG-8D-MF         F6         B-0100-08C         A28           015589-40         B5, 14         120XM         C4; D62         AG-KC         F6         B-0100-C2         A28, B15           016782-40         B5         120XP         C4; D62         AG-KC         F6         B-0100-C         A28, 36           016783-40         B5         122X         C4; D62         AG-KC         F6         B-0100-CM         A36           017441-45         D3, 41         122X         C4; D62         AG-KE         F6         B-0101         A28           017442-45         D3, 41         125X         C4; D62         AG-KE         F6         B-0101-A         A28           017442-45         D3, 41         125X         C4; D62         AW-5B         F10         B-0101-ENP         A28           01744-4-45         D3, 41         126X         C4; D62         AW-5B         F10         B-0101-ENP         A28           017670-45         G32         127X         C4; D62         B-0015-H         A33; B	014949-45 <b>E</b> 14	116X <b>B</b> 12-14; <b>C</b> 6; <b>D</b> 64	AG-7D <b>F</b> 6	В-0096-Н АЗЗ; В6, 15
015588-4∪         B5, 14         120X         C4; D62         AG-8D-MF         F6         B-0100-08C         A28; B15           015589-40         B5, 14         120XM         C4; D62         AG-8E-MF         F6         B-0100-32H         A28; B15           016782-40         B5         120XP         C4; D62         AG-KC         F6         B-0100-CM         A38           017439-45         D3, 41         122XP         C4; D62         AG-KE         F6         B-0100-M         A28           017441-45         D3, 41         123X         C4; D62         AG-KF         F6         B-0101-M         A28           017442-45         D3, 41         125X         C4; D62         AG-KF         F6         B-0101-M         A28           017444-45         D3, 41         125X         C4; D62         AW-5B         F10         B-0101-FN         A28           01744-45         D3, 41         126X         C4; D62         AW-5B         F10         B-0101-ENP         A28           01744-45         D3, 41         126X         C4; D62         AW-5B         F10         B-0101-ENP         A28           01744-45         D3, 41         126X         C4; D62         AW-5B         F	014950-45 <b>E</b> 14	117X <b>C</b> 6; <b>D</b> 64	AG-8C-MF <b>F</b> 6	B-0100 <b>A</b> 28
015589-40         B5, 14         120XM         C4; D62         AG-8E-MF         F6         B-0100-32H         A28; B15           016782-40         B5         120XP         C4; D62         AG-KC         F6         B-0100-C         A28, 36           016783-40         B5         122X         C4; D62         AG-KD         F6         B-0100-CM         A36           017439-45         D3, 41         122XP         C4; D62         AG-KE         F6         B-0101         A28           017441-45         D3, 41         123X         C4; D62         AG-RC         F6         B-0101-A         A28           017442-45         D3, 41         125X         C4; D62         AW-5B         F10         B-0101-E72-053A         A28           017444-45         D3, 41         126X         C4; D62         AW-5B         F10         B-0101-ENP         A28           017670-45         C32         127X         C4; D62         AW-5D         F10         B-0102-A         B6           035A         B10         128X         C4; D62         B-0020-H         A33; B15         B-0102-B         B6           052A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-H         A33; B15<	015550-45 <b>B</b> 5, 14	119X <b>C</b> 4; <b>D</b> 62	AG-8D-FF <b>F</b> 6	B-0100-08 <b>A</b> 28
016782-4∪         B5         120XP         C4; D62         AG-KC         F6         B-0100-C         A28, 36           016783-40         B5         122X         C4; D62         AG-KD         F6         B-0100-CM         A36           017439-45         D3, 41         122XP         C4; D62         AG-KE         F6         B-0100-M         A28           017441-45         D3, 41         123X         C4; D62         AG-KC         F6         B-0101-M         A28           017442-45         D3, 41         125X         C4; D62         AW-5B         F10         B-0101-E72-053A         A28           017443-45         D3, 41         126X         C4; D62         AW-5B         F10         B-0101-E72-053A         A28           017670-45         G32         127X         C4; D62         AW-5D         F10         B-0102-M         B6           035A         B10         128X         C4; D62         B-0020-H         A33; B15         B-0102-A         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-H         A33; B15         B-0103-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-H	015588-40 <b>B</b> 5, 14	120X <b>C</b> 4; <b>D</b> 62	AG-8D-MF <b>F</b> 6	B-0100-08C <b>A</b> 28
016783-4∪         B5         122X         C4; D62         AG-KD         F6         B-0100-CM         A36           017439-45         D3, 41         122XP         C4; D62         AG-KE         F6         B-0100-M         A28           017441-45         D3, 41         123X         C4; D62         AG-KF         F6         B-0101-A         A28           017442-45         D3, 41         125X         C4; D62         AW-5B         F10         B-0101-E72-053A         A28           017444-45         D3, 41         126X         C4; D62         AW-5B         F10         B-0101-EP7-053A         A28           017670-45         G32         127X         C4; D62         AW-5D         F10         B-0102-A         B6           035A         B10         128X         C4; D62         B-0015-H         A33; B15         B-0102-A         B6           045A         E16         129X         C4; D62         B-0020-H         A33; B15         B-0102-B         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-H         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131XM         C4; D62         B-0020-H	015589-40 <b>B</b> 5, 14	120XM <b>C</b> 4; <b>D</b> 62	AG-8E-MF <b>F</b> 6	B-0100-32H <b>A</b> 28; <b>B</b> 15
017439-45         D3, 41         122XP         C4; D62         AG-KE         F6         B-0100-M         A28           017441-45         D3, 41         123X         C4; D62         AG-KF         F6         B-0101         A28           017442-45         D3, 41         124X         C4; D62         AW-5B         F10         B-0101-E72-053A         A28           017443-45         D3, 41         125X         C4; D62         AW-5B         F10         B-0101-ENP         A28           017670-45         C32         127X         C4; D62         AW-5D         F10         B-0102-B         B-0           035A         B10         128X         C4; D62         B-0020-H         A33; B15         B-0102-A         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-H         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-H         A33; B15         B-0103-C         B6           055A         A31; B6, 15; C10; D69         131XA         C4; D62         B-0020-H         A33; B15         B-0103-O1         C10; D68           055A         A31; B6, 15; C10; D69         132X         C4; D6	016782-40 <b>B</b> 5	120XP <b>C</b> 4; <b>D</b> 62	AG-KC <b>F</b> 6	B-0100-C <b>A</b> 28, 36
017441-45         D3, 41         123X         C4; D62         AG-KF         F6         B-0101-A         A28           017442-45         D3, 41         124X         C4; D62         AG-RC         F6         B-0101-A         A28           017443-45         D3, 41         125X         C4; D62         AW-5B         F10         B-0101-ENP         A28           017670-45         D3, 41         126X         C4; D62         AW-5C         F10         B-0102-ENP         A28           035A         B10         128X         C4; D62         B-0015-H         A33; B15         B-0102-A         B6           045A         B16         129X         C4; D62         B-0020-H         A33; B15         B-0102-C         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-HA         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-HM         A33; B15         B-0103-C         B6           055A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-0020-R         A33; B15         B-0103-F0         C10; D68           055A         A31; B6, 15; C10; D69         132X         C4;	016783-40 <b>B</b> 5	122X <b>C</b> 4; <b>D</b> 62	AG-KD <b>F</b> 6	B-0100-CM <b>A</b> 36
017442-45         D3, 41         124X         C4; D62         AG-RC         F6         B-0101-A         A28           017443-45         D3, 41         125X         C4; D62         AW-5B         F10         B-0101-E72-053A         A28           017474-45         D3, 41         126X         C4; D62         AW-5C         F10         B-0101-ENP         A28           017670-45         C32         127X         C4; D62         AW-5D         F10         B-0102-A         B6           035A         B10         128X         C4; D62         B-0015-H         A33; B15         B-0102-A         B6           045A         E16         129X         C4; D62         B-0020-H         A33; B15         B-0102-B         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-H2A         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-HM         A33; B15         B-0103-C         C10; D68           054A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-002-H         A33; B15         B-0103-F03         C10; D68           055A         A31; B6, 15; C10; D69         132X	017439-45 <b>D</b> 3, 41	122XP <b>C</b> 4; <b>D</b> 62	AG-KE <b>F</b> 6	B-0100-M <b>A</b> 28
017443-45         D3, 41         125X         C4; D62         AW-5B         F10         B-0101-E72-053A         A28           017444-45         D3, 41         126X         C4; D62         AW-5C         F10         B-0101-ENP         A28           017670-45         C32         127X         C4; D62         AW-5D         F10         B-0102-A         B6           035A         B10         128X         C4; D62         B-0015-H         A33; B15         B-0102-A         B6           045A         E16         129X         C4; D62         B-0020-H         A33; B15         B-0102-B         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-HA         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-HM         A33; B15         B-0103-C         C10; D68           054A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-R         A33; B15         B-0103-O1         C10; D68           055A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F03         C10; D68           055A         A31; B6, 15; C10; D69	017441-45 <b>D</b> 3, 41	123X <b>C</b> 4; <b>D</b> 62	AG-KF <b>F</b> 6	B-0101 <b>A</b> 28
0174444-45         D3, 41         126X         C4; D62         AW-5C         F10         B-0101-ENP         A28           017670-45         C32         127X         C4; D62         AW-5D         F10         B-0102         B6           035A         B10         128X         C4; D62         B-0015-H         A33; B15         B-0102-A         B6           045A         E16         129X         C4; D62         B-0020-H         A33; B15         B-0102-B         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-H2A         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-HM         A33; B15         B-0103-C         B6           054A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-0020-R         A33; B15         B-0103-D1         C10; D68           055A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F03         C10; D68           056A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F03         C10; D68           057A         A31; B6, 15; C10;	017442-45 <b>D</b> 3, 41	124X <b>C</b> 4; <b>D</b> 62	AG-RC <b>F</b> 6	B-0101-A <b>A</b> 28
017670-45         C32         127X         C4; D62         AW-5D         F10         B-0102         B6           035A         B10         128X         C4; D62         B-0015-H         A33; B15         B-0102-A         B6           045A         E16         129X         C4; D62         B-0020-H         A33; B15         B-0102-B         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-H2A         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-HM         A33; B15         B-0103-C         B6           054A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-R         A33; B15         B-0103-O1         C10; D68           055A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-0023-H         A33; B15         B-0103-F03         C10; D68           056A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F03         C10; D68           057A         A31; B6, 15; C10; D69         132X         C4; D62         B-0026-H         A33; B15         B-0103-F05         C10; D68           058A	017443-45 <b>D</b> 3, 41	125X <b>C</b> 4; <b>D</b> 62	AW-5B <b>F</b> 10	
035A         B10         128X         C4; D62         B-0015-H         A33; B15         B-0102-A         B6           045A         E16         129X         C4; D62         B-0020-H         A33; B15         B-0102-B         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-H2A         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-HM         A33; B15         B-0103-C         C10; D68           054A         A31; B6, 15; C10; D69         131XM         C4; D62         B-0020-R         A33; B15         B-0103-O1         C10; D68           055A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-0023-H         A33; B15         B-0103-F03         C10; D68           055A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F03         C10; D68           057A         A31; B6, 15; C10; D69         132XM         C4; D62         B-0026-H         A33; B15         B-0103-F05         C10; D68           059X         C4, 14, 18, 24; D62         133X         C4, 16, 18, 24; D62         B-0026-HA         A33; B15         B-0103-F10         C10; D68	017444-45 <b>D</b> 3, 41	126X <b>C</b> 4; <b>D</b> 62	AW-5C <b>F</b> 10	B-0101-ENP <b>A</b> 28
045A         E16         129X         C4; D62         B-0020-H         A33; B15         B-0102-B         B6           052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-H2A         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-HM         A33; B15         B-0103         C10; D68           054A         A31; B6, 15; C10; D69         131XM         C4; D62         B-0020-R         A33; B15         B-0103-O1         C10; D68           055A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-0023-H         A33; B15         B-0103-F03         C10; D68           056A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F03         C10; D68           057A         A31; B6, 15; C10; D69         132XM         C4; D62         B-0024-H         A33; B15         B-0103-F05         C10; D68           059X         C4, 14, 18, 24; D69         133X         C4, D62         B-0026-H2A         A33; B15         B-0103-F10         C10; D68           059XM         C4; D62         133XM         C4; D62         B-0026-H2A         A33; B15         B-0103-F12         C10; D68 <td></td> <td></td> <td>AW-5D <b>F</b>10</td> <td></td>			AW-5D <b>F</b> 10	
052A         A31; B6, 15; C10; D69         130X         C4; D62         B-0020-H2A         A33; B15         B-0102-C         B6           053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-HM         A33; B15         B-0103         C10; D68           054A         A31; B6, 15; C10; D69         131XM         C4; D62         B-0020-R         A33; B15         B-0103-O1         C10; D68           055A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-0023-H         A33; B15         B-0103-F03         C10; D68           056A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F05         C10; D68           057A         A31; B6, 15; C10; D69         132XM         C4; D62         B-0026-H         A33; B15         B-0103-F07         C10; D68           058A         A31; B6, 15; C10; D69         132XP         C4; D62         B-0026-H2A         A33; B15         B-0103-F10         C10; D68           059X         C4, 14, 18, 24; D62         133X         C4, 16, 18, 24; D62         B-0026-HM         A33; B15         B-0103-F12         C10; D68           059XM         C4; D62         133XM         C4; D62         B-0028-H         A33; B15         B			·	
053A         A31; B6, 15; C10; D69         131X         C4; D62         B-0020-HM         A33; B15         B-0103         C10; D68           054A         A31; B6, 15; C10; D69         131XM         C4; D62         B-0020-R         A33; B15         B-0103-01         C10; D68           055A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-0023-H         A33; B15         B-0103-F03         C10; D68           056A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F05         C10; D68           057A         A31; B6, 15; C10; D69         132XM         C4; D62         B-0026-H         A33; B15         B-0103-F07         C10; D68           058A         A31; B6, 15; C10; D69         132XP         C4; D62         B-0026-H2A         A33; B15         B-0103-F10         C10; D68           059X         C4, 14, 18, 24; D62         133X         C4, 16, 18, 24; D62         B-0026-HM         A33; B15         B-0103-F12         C10; D68           059XM         C4; D62         133XM         C4; D62         B-0028-H         A33; B15         B-0103-F15         C10; D68           060X         C4, 14, 18, 24; D62         134X         C4; D62         B-0032-H         A33; B15         <		, in the second	· ·	
054A         A31; B6, 15; C10; D69         131XM         C4; D62         B-0020-R         A33; B15         B-0103-01         C10; D68           055A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-0023-H         A33; B15         B-0103-F03         C10; D68           056A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F05         C10; D68           057A         A31; B6, 15; C10; D69         132XM         C4; D62         B-0026-H         A33; B15         B-0103-F07         C10; D68           058A         A31; B6, 15; C10; D69         132XP         C4; D62         B-0026-H2A         A33; B15         B-0103-F10         C10; D68           059X         C4, 14, 18, 24; D62         133X         C4, 16, 18, 24; D62         B-0026-HM         A33; B15         B-0103-F12         C10; D68           059XM         C4; D62         133XM         C4; D62         B-0028-H         A33; B15         B-0103-F12         C10; D68           060X         C4, 14, 18, 24; D62         133XP         C4; D62         B-0032-H         A33; B15         B-0103-F15         C10; D68           060XM         C4; D62         134X         C4; D62         B-0036-H         A33; B15         B-0104				
O55A         A31; B6, 15; C10; D69         131X-ADA         C4; D62         B-0023-H         A33; B15         B-0103-F03         C10; D68           056A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F05         C10; D68           057A         A31; B6, 15; C10; D69         132XM         C4; D62         B-0026-H         A33; B15         B-0103-F07         C10; D68           058A         A31; B6, 15; C10; D69         132XP         C4; D62         B-0026-H2A         A33; B15         B-0103-F10         C10; D68           059X         C4, 14, 18, 24; D62         133X         C4, 16, 18, 24; D62         B-0026-HM         A33; B15         B-0103-F12         C10; D68           059XM         C4; D62         133XM         C4; D62         B-0028-H         A33; B15         B-0103-F12         C10; D68           060X         C4, 14, 18, 24; D62         133XP         C4; D62         B-0032-H         A33; B15         B-0103-F15         C10; D68           060XM         C4; D62         134X         C4; D62         B-0036-H         A33; B15         B-0104-A         A38; B6; D37           061X         C4, 14, 18, 24; D62         134XP         C4; D62         B-0040-H2A         A33; B15         B-0				
056A         A31; B6, 15; C10; D69         132X         C4; D62         B-0024-H         A33; B15         B-0103-F05         C10; D68           057A         A31; B6, 15; C10; D69         132XM         C4; D62         B-0026-H         A33; B15         B-0103-F07         C10; D68           058A         A31; B6, 15; C10; D69         132XP         C4; D62         B-0026-H2A         A33; B15         B-0103-F10         C10; D68           059X         C4, 14, 18, 24; D62         133X         C4, 16, 18, 24; D62         B-0026-HM         A33; B15         B-0103-F12         C10; D68           059XM         C4; D62         133XM         C4; D62         B-0028-H         A33; B15         B-0103-F12         C10; D68           060X         C4, 14, 18, 24; D62         133XP         C4; D62         B-0032-H         A33; B15         B-0103-F20         C10; D68           060XM         C4; D62         134X         C4; D62         B-0036-H         A33; B15         B-0104-F20         C10; D68           061X         C4, 14, 18, 24; D62         134XP         C4; D62         B-0040-H2A         A33; B15         B-0104-A         A38; B6           061XM         C4; D62         135X         C4; D62         B-0044-H         A33; B6, 15         B-0104-D			· ·	
O57A         A31; B6, 15; C10; D69         132XM         C4; D62         B-0026-H         A33; B15         B-0103-F07         C10; D68           058A         A31; B6, 15; C10; D69         132XP         C4; D62         B-0026-H2A         A33; B15         B-0103-F10         C10; D68           059X         C4, 14, 18, 24; D62         133X         C4, 16, 18, 24; D62         B-0026-HM         A33; B15         B-0103-F12         C10; D68           059XM         C4; D62         133XM         C4; D62         B-0028-H         A33; B15         B-0103-F15         C10; D68           060X         C4, 14, 18, 24; D62         133XP         C4; D62         B-0032-H         A33; B15         B-0103-F20         C10; D68           060XM         C4; D62         134X         C4; D62         B-0036-H         A33; B15         B-0104-F20         A38; B6; D37           061X         C4, 14, 18, 24; D62         134XP         C4; D62         B-0040-H2A         A33; B15         B-0104-A         A38; B6           061XM         C4; D62         135X         C4; D62         B-0044-H         A33; B6, 15         B-0104-D         A38; D37		·		
058A         A31; B6, 15; C10; D69         132XP         C4; D62         B-0026-H2A         A33; B15         B-0103-F10         C10; D68           059X         C4, 14, 18, 24; D62         133X         C4, 16, 18, 24; D62         B-0026-HM         A33; B15         B-0103-F12         C10; D68           059XM         C4; D62         133XM         C4; D62         B-0028-H         A33; B15         B-0103-F15         C10; D68           060X         C4, 14, 18, 24; D62         133XP         C4; D62         B-0032-H         A33; B15         B-0103-F20         C10; D68           060XM         C4; D62         134X         C4; D62         B-0036-H         A33; B15         B-0104-F20         A38; B6; D37           061X         C4, 14, 18, 24; D62         134XP         C4; D62         B-0040-H2A         A33; B15         B-0104-A         A38; B6           061XM         C4; D62         135X         C4; D62         B-0044-H         A33; B6, 15         B-0104-D         A38; D37			· ·	
059X         C4, 14, 18, 24; D62         133X         C4, 16, 18, 24; D62         B-0026-HM         A33; B15         B-0103-F12         C10; D68           059XM         C4; D62         133XM         C4; D62         B-0028-H         A33; B15         B-0103-F15         C10; D68           060X         C4, 14, 18, 24; D62         133XP         C4; D62         B-0032-H         A33; B15         B-0103-F20         C10; D68           060XM         C4; D62         134X         C4; D62         B-0036-H         A33; B15         B-0104         A38; B6; D37           061X         C4, 14, 18, 24; D62         134XP         C4; D62         B-0040-H2A         A33; B15         B-0104-A         A38; B6           061XM         C4; D62         135X         C4; D62         B-0044-H         A33; B6, 15         B-0104-D         A38; D37				
059XM         C4; D62         133XM         C4; D62         B-0028-H         A33; B15         B-0103-F15         C10; D68           060X         C4, 14, 18, 24; D62         133XP         C4; D62         B-0032-H         A33; B15         B-0103-F20         C10; D68           060XM         C4; D62         134X         C4; D62         B-0036-H         A33; B15         B-0104         A38; B6; D37           061X         C4, 14, 18, 24; D62         134XP         C4; D62         B-0040-H2A         A33; B15         B-0104-A         A38; B6           061XM         C4; D62         135X         C4; D62         B-0044-H         A33; B6, 15         B-0104-D         A38; D37				
O60X         C4, 14, 18, 24; D62         133XP         C4; D62         B-0032-H         A33; B15         B-0103-F20         C10; D68           060XM         C4; D62         134X         C4; D62         B-0036-H         A33; B15         B-0104         A38; B6; D37           061X         C4, 14, 18, 24; D62         134XP         C4; D62         B-0040-H2A         A33; B15         B-0104-A         A38; B6           061XM         C4; D62         135X         C4; D62         B-0044-H         A33; B6, 15         B-0104-D         A38; D37				
060XM         C4; D62         134X         C4; D62         B-0036-H         A33; B15         B-0104         A38; B6; D37           061X         C4, 14, 18, 24; D62         134XP         C4; D62         B-0040-H2A         A33; B15         B-0104-A         B-0104-A         A38; B6           061XM         C4; D62         135X         C4; D62         B-0044-H         A33; B6, 15         B-0104-D         A38; D37				
061X       C4, 14, 18, 24; D62       134XP       C4; D62       B-0040-H2A       A33; B15       B-0104-A       B-0104-A         061XM       C4; D62       135X       C4; D62       B-0044-H       A33; B6, 15       B-0104-D       A38; D37			· ·	
061XM C4; D62 135X C4; D62 B-0044-H A33; B6, 15 B-0104-D A38; D37		·		
062X A17, 19; C4, 14, 18, 24;   135XM C4; D62   B-0044-H2A A33; B15   B-0104-H A33; B6, 15				
	062X <b>A</b> 17, 19; <b>C</b> 4, 14, 18, 24;	135XM <b>C</b> 4; <b>D</b> 62	в-0044-H2A <b>A</b> 33; <b>B</b> 15	в-0104-н <b>А</b> 33; <b>В</b> 6, 15



			G-9
Model No. Section & Page	Model No. Section & Page	Model No. Section & Page	Model No. Section & Page
B-0105 <b>A</b> 28	B-0113-BR <b>A</b> 12	B-0127 <b>A</b> 26	B-0133-B9 <b>A</b> 14
B-0106 <b>A</b> 29	B-0113-BT <b>A</b> 12	B-0128-VB <b>A</b> 27	B-0133-B9M <b>A</b> 14
B-0107 <b>A</b> 4, 35; <b>E</b> 12	B-0113-BY <b>A</b> 12	B-0129 <b>A</b> 27	B-0133-BC <b>A</b> 24
B-0107-035 <b>A</b> 36	B-0113-C <b>A</b> 22	B-0129-VB <b>A</b> 27	B-0133-BM <b>A</b> 14
B-0107-A <b>A</b> 35	B-0113-CR <b>A</b> 12	B-0130 <b>A</b> 27	B-0133-BQD <b>A</b> 14
B-0107-B <b>A</b> 35	B-0113-CR-B <b>A</b> 12	B-0131 <b>A</b> 18	B-0133-BR <b>A</b> 14
B-0107-C <b>A</b> 4, 17, 24, 25, 37	B-0113-M <b>A</b> 12	B-0131-ADF12-BC <b>A</b> 18	B-0133-BR-B <b>A</b> 14
B-0107-C35 <b>A</b> 36	B-0113-V-BC <b>A</b> 22	B-0131-ADF14-B <b>A</b> 18	B-0133-C <b>A</b> 24
B-0107-C90 <b>A</b> 36	B-0113-V9 <b>A</b> 12	B-0131-B <b>A</b> 18	B-0133-CC <b>A</b> 14
B-0107-CM <b>A</b> 37	B-0113-V9-B08 <b>A</b> 6	B-0131-BC <b>A</b> 18	B-0133-CCB <b>A</b> 14
B-0107-M <b>A</b> 35	B-0113-Y <b>A</b> 12	B-0131-BC-425 <b>A</b> 18	B-0133-CCB-CR <b>A</b> 14
B-0107-QD <b>A</b> 35	B-0114-01 <b>A</b> 20	B-0131-BC-NPL <b>A</b> 18	B-0133-CCB-M <b>A</b> 14
B-0108 <b>A</b> 4, 36; <b>E</b> 12	B-0114-01B <b>A</b> 20	B-0131-C <b>A</b> 26	B-0133-CR <b>A</b> 14
B-0108-C <b>A</b> 4, 37	B-0114-02 <b>A</b> 20	B-0132 <b>A</b> 18	B-0133-CR-B <b>A</b> 14
B-0108-H <b>A</b> 4; <b>E</b> 12	B-0114-RK <b>A</b> 39	B-0133 <b>A</b> 14	B-0133-CR-BC <b>A</b> 24
B-0109-01 <b>A</b> 17, 19, 26, 36	B-0117 <b>A</b> 26	B-0133-01 <b>A</b> 14	B-0133-CR-C <b>A</b> 24
B-0109-01M <b>A</b> 36	B-0119 <b>A</b> 36	B-0133-01-36H <b>A</b> 14	B-0133-EE-B <b>A</b> 14
B-0109-01VR <b>A</b> 36	B-0121 <b>A</b> 18	B-0133-01-CR <b>A</b> 14	B-0133-EE-BM <b>A</b> 14
B-0109-02 <b>A</b> 36	B-0122 <b>A</b> 18	B-0133-08 <b>A</b> 10	B-0133-LB <b>A</b> 14
B-0109-03 <b>A</b> 36	B-0123 <b>A</b> 13	B-0133-08C <b>A</b> 11	B-0133-M <b>A</b> 14
B-0109-03VR <b>A</b> 36	B-0123-08 <b>A</b> 8	B-0133-A06-08 <b>A</b> 10	B-0133-V-BC <b>A</b> 24
B-0109-04 <b>A</b> 36	B-0123-08C <b>A</b> 9	B-0133-A06-08C <b>A</b> 11	B-0134 <b>A</b> 20
B-0109-05 <b>A</b> 36	B-0123-A06-B08 <b>A</b> 8	B-0133-A08-08 <b>A</b> 10	B-0134-B <b>A</b> 20
B-0109-06 <b>A</b> 36	B-0123-A10-08 <b>A</b> 8	B-0133-A08-08C <b>A</b> 11	B-0137 <b>A</b> 26
B-0109-07 <b>A</b> 36	B-0123-A10-08C <b>A</b> 9	B-0133-A08-B08 <b>A</b> 10	B-0141 <b>A</b> 18
B-0110 <b>A</b> 36	B-0123-A12-08 <b>A</b> 8	B-0133-A08-B08C <b>A</b> 11	B-0143 <b>A</b> 15
B-0111 <b>A</b> 18	B-0123-A12-08C <b>A</b> 9	B-0133-A10-08C <b>A</b> 11	B-0143-01 <b>A</b> 15
B-0111-02 <b>A</b> 18	B-0123-A12-B08 <b>A</b> 8	B-0133-A10-B08 <b>A</b> 10	B-0144-H <b>A</b> 33; <b>B</b> 6, 15
B-0111-B <b>A</b> 18	B-0123-A12-B08C <b>A</b> 9	B-0133-A10-B08C <b>A</b> 11	B-0153 <b>A</b> 15
B-0111-BR <b>A</b> 18	B-0123-A12-V-BC <b>A</b> 23	B-0133-A12-08 <b>A</b> 10	B-0155 <b>A</b> 35
B-0112 <b>A</b> 18	B-0123-ADF06-B <b>A</b> 13	B-0133-A12-08C <b>A</b> 11	B-0155-05 <b>A</b> 35
B-0113 <b>A</b> 12	B-0123-ADF08 <b>A</b> 13	B-0133-A12-B08 <b>A</b> 10	B-0155-05LN <b>A</b> 35
B-0113-01BY <b>A</b> 12	B-0123-ADF08-B <b>A</b> 13	B-0133-A12-B08C <b>A</b> 11	B-0155-LN <b>A</b> 35
B-0113-079X-V-B <b>A</b> 12	B-0123-ADF10-B <b>A</b> 13	B-0133-A12-CCB <b>A</b> 14	B-0155-LNEZ <b>A</b> 35
B-0113-08 <b>A</b> 6	B-0123-ADF12 <b>A</b> 13	B-0133-A14-CCB <b>A</b> 14	B-0155-LNM <b>A</b> 35
B-0113-08C <b>A</b> 7	B-0123-ADF12-B <b>A</b> 13	B-0133-ADF06 <b>A</b> 14	B-0155-M <b>A</b> 35
B-0113-A10-08C <b>A</b> 7	B-0123-B <b>A</b> 13	B-0133-ADF06-B <b>A</b> 14	B-0156 <b>A</b> 35
B-0113-A12-08C <b>A</b> 7	B-0123-B08 <b>A</b> 8	B-0133-ADF08 <b>A</b> 14	B-0156-05 <b>A</b> 35
B-0113-A12-B08 <b>A</b> 6	B-0123-B08C <b>A</b> 9	B-0133-ADF08-B <b>A</b> 14	B-0156-CR <b>A</b> 35
B-0113-A12-B08C <b>A</b> 7	B-0123-B9 <b>A</b> 13	B-0133-ADF10-B <b>A</b> 14	B-0156-M <b>A</b> 35
B-0113-A12-V-BC <b>A</b> 22	B-0123-BC <b>A</b> 23	B-0133-ADF10-BR <b>A</b> 14	B-0157 <b>A</b> 35
B-0113-ADF08-B <b>A</b> 12	B-0123-BM <b>A</b> 13	B-0133-ADF12 <b>A</b> 14	B-0157-05 <b>A</b> 35
B-0113-ADF10-B <b>A</b> 12	B-0123-C <b>A</b> 23	B-0133-ADF12-B <b>A</b> 14	B-0157-M <b>A</b> 35
B-0113-ADF10-BR <b>A</b> 12	B-0123-CR <b>A</b> 13	B-0133-ADF12-BM <b>A</b> 14	B-0158 <b>A</b> 35
B-0113-ADF12 <b>A</b> 12	B-0123-CR-B <b>A</b> 13	B-0133-ADF12-BR <b>A</b> 14	B-0159 <b>A</b> 36
B-0113-ADF12-B <b>A</b> 12	B-0123-CR-BC <b>A</b> 23	B-0133-ADF14-B <b>A</b> 14	B-0160 <b>A</b> 29
B-0113-B <b>A</b> 12	B-0123-M <b>A</b> 13	B-0133-ADF14-BR <b>A</b> 14	B-0163 <b>A</b> 15
B-0113-B08 <b>A</b> 6	B-0123-V-BC <b>A</b> 23	B-0133-ADF16-BR <b>A</b> 14	B-0165 <b>A</b> 29
B-0113-B08C <b>A</b> 7	B-0124 <b>A</b> 20	B-0133-ADF-LN <b>A</b> 14	B-0166 <b>A</b> 38
B-0113-B9 <b>A</b> 12	B-0126 <b>A</b> 27	B-0133-B <b>A</b> 14	B-0167 <b>A</b> 29
B-0113-BC <b>A</b> 22	B-0126-R <b>A</b> 27	B-0133-B-02 <b>A</b> 14	B-0167-01 <b>A</b> 29
B-0113-BC-V9 <b>A</b> 22	B-0126-VB <b>A</b> 27	B-0133-B08 <b>A</b> 10	B-0167-HH <b>A</b> 30
B-0113-BM <b>A</b> 12	B-0126-VBR <b>A</b> 27	B-0133-B08C <b>A</b> 11	B-0168 <b>A</b> 29
	· ·	· ·	·



							G-9
Model No. Se	ction & Page	Model No. Sec	tion & Page	Model No. Se	ection & Page	Model No.	ection & Page
B-0169	<b>A</b> 30	B-0199-08-WS	<b>C</b> 8; <b>D</b> 66, 76	B-0221	<b>C</b> 17, 21	B-0232-M	<b>C</b> 17, 21
B-0169-01	<b>A</b> 30	B-0199-09	<b>C</b> 8; <b>D</b> 66	B-0221-01	<b>C</b> 21	B-0233-01	<b>C</b> 22
B-0170	<b>A</b> 30	B-0199-09-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0221-CC	<b>C</b> 17, 21	B-0233-02	<b>c</b> 22
B-0171	<b>A</b> 19	B-0199-09-WS	<b>C</b> 8; <b>D</b> 66, 76	B-0221-EE	<b>C</b> 17, 21	B-0233-03	<b>c</b> 22
B-0171-01	<b>A</b> 19	B-0199-10-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0221-KK	<b>c</b> 17, 21	B-0233-04	<b>C</b> 22
B-0173	<b>A</b> 15	B-0199-10-WS	<b>C</b> 8; <b>D</b> 66, 76	B-0221-M	<b>C</b> 17, 21	B-0234-BST	<b>C</b> 19, 21
B-0173-B	<b>A</b> 15	B-0199-21	<b>C</b> 9; <b>D</b> 67, 77	B-0222	<b>C</b> 17, 21	B-0234-EE	<b>C</b> 19, 21
B-0175	<b>A</b> 30	B-0199-21-VRF	<b>C</b> 9; <b>D</b> 67, 77	B-0222-CC	<b>C</b> 17, 21	B-0234-EELN	<b>C</b> 21
B-0175-01	<b>A</b> 30	B-0199-21-VRM	<b>C</b> 9; <b>D</b> 67, 77	B-0222-EE	<b>C</b> 17, 21	B-0235	<b>C</b> 17, 22
B-0175-02	<b>A</b> 30	B-0199-22	<b>C</b> 10; <b>D</b> 68	B-0222-M	<b>C</b> 17, 21	B-0235-01	<b>C</b> 19, 22
B-0175-03	<b>A</b> 30		<b>C</b> 10; <b>D</b> 68, 77	B-0225	<b>C</b> 17, 19	B-0235-LN	<b>c</b> 17, 22
B-0176	<b>A</b> 30	B-0199-25	<b>C</b> 9; <b>D</b> 67, 77	B-0225-CC	<b>C</b> 17, 19	B-0235-LNM	<b>C</b> 22
B-0176-ER	<b>A</b> 30	B-0199-26	<b>C</b> 9; <b>D</b> 67, 77	B-0225-EELN	<b>C</b> 15, 19	B-0236	<b>C</b> 17, 22
B-0177	<b>A</b> 30	B-0199-27	<b>C</b> 9; <b>D</b> 67, 77	B-0225-LN	<b>C</b> 17, 19	B-0236-M	<b>C</b> 17, 22
B-0178	<b>A</b> 31	B-0199-28	<b>C</b> 9; <b>D</b> 67, 77	B-0225-LNM	<b>C</b> 15	B-0237	<b>C</b> 17, 22
B-0180	<b>B</b> 10	B-0199-29	<b>C</b> 9; <b>D</b> 67, 77	B-0225-M	<b>C</b> 17, 19	B-0240	<b>c</b> 20, 22
B-0182	<b>B</b> 10	B-0199-29VR	<b>C</b> 9; <b>D</b> 67, 77	B-0226	<b>c</b> 17, 19	B-0240-LN	<b>C</b> 20
B-0187	<b>B</b> 11	B-0200	<b>C</b> 15, 16	B-0226-CC	<b>c</b> 17, 19	B-0241	<b>c</b> 20, 22
B-0188	<b>B</b> 11	B-0200-60H-VB	<b>C</b> 15	B-0227	<b>c</b> 17, 19	B-0242	<b>c</b> 20, 22
B-0190	<b>B</b> 10	B-0200CR-PRISON		B-0227-CC	<b>c</b> 17, 19	B-0243	<b>c</b> 20, 22
B-0192	<b>B</b> 10	B-0200-LN	<b>C</b> 15, 18, 19	B-0227-M	<b>c</b> 17, 19	B-0245	<b>C</b> 19, 21
B-0193	<b>B</b> 10	B-0200-LNM	<b>C</b> 15	B-0228	<b>C</b> 17, 19	B-0246	<b>C</b> 19, 21
B-0195	<b>B</b> 11	B-0200-M	<b>C</b> 15, 16	B-0228-M	<b>c</b> 17, 19	B-0247	<b>C</b> 19, 21
B-0196	<b>B</b> 11	B-0201	<b>C</b> 15, 16	B-0230	<b>C</b> 17, 21	B-0250	<b>C</b> 18, 19
B-0198-F03	<b>C</b> 10; <b>D</b> 68, 77	B-0201-M	<b>C</b> 15, 16	B-0230-BST	<b>C</b> 17, 21	B-0251	<b>C</b> 18, 19
B-0198-F05	<b>C</b> 10; <b>D</b> 68, 77	B-0202	<b>C</b> 15, 16	B-0230-CC	<b>C</b> 17, 21	B-0252	<b>C</b> 18, 19
B-0198-F07	<b>C</b> 10; <b>D</b> 68, 77	B-0205	<b>C</b> 15, 16	B-0230-CCLN	<b>C</b> 21	B-0255	<b>C</b> 15, 18
B-0198-F10	<b>C</b> 10; <b>D</b> 68, 77	B-0205-44H-VB	<b>C</b> 15	B-0230-CCLNM	<b>C</b> 21	B-0257	<b>C</b> 15, 18
B-0198-F12	<b>C</b> 10; <b>D</b> 68, 77	B-0205-60H-VB	<b>C</b> 15	B-0230-CR-02	<b>C</b> 21	B-0260	<b>c</b> 15, 20
B-0198-F15	<b>C</b> 10; <b>D</b> 68, 77	B-0205-LN	<b>C</b> 15, 16, 19	B-0230-EE	<b>C</b> 17, 21	B-0262	<b>c</b> 15, 20
B-0198-F20	<b>C</b> 10; <b>D</b> 68, 77	B-0205-LNM	<b>C</b> 15	B-0230-EE-061X	<b>C</b> 21	B-0265	<b>C</b> 19, 21
B-0199-01	<b>C</b> 8; <b>D</b> 66	B-0205-M	<b>C</b> 15, 16	B-0230-K <b>A</b> 39	9; <b>C</b> 11, 35; <b>D</b> 69	B-0265-BST	<b>C</b> 19, 21
B-0199-01-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0206	<b>C</b> 15, 16	B-0230-KIT	<b>C</b> 11, 35; <b>D</b> 69	B-0266	<b>C</b> 19, 21
B-0199-01-WS	<b>C</b> 8; <b>D</b> 66, 76	B-0206-M	<b>C</b> 15, 16	B-0230-LN	<b>C</b> 17, 21	B-0266-BST	<b>C</b> 19, 21
B-0199-02	<b>C</b> 8; <b>D</b> 66	B-0207	<b>C</b> 15, 16	B-0230-LNM	<b>C</b> 21	B-0267	<b>C</b> 19, 21
B-0199-02-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0207-M	<b>C</b> 15, 16	B-0230-M	<b>C</b> 21	B-0267-BST	<b>C</b> 19, 21
B-0199-02-WS	<b>C</b> 8; <b>D</b> 66, 76	B-0208	<b>c</b> 15, 18	B-0231	<b>C</b> 17, 21	B-0270	<b>B</b> 7
B-0199-03	<b>C</b> 8; <b>D</b> 66	B-0210	<b>C</b> 15, 20	B-0231-02	<b>C</b> 21	B-0271	<b>B</b> 7
B-0199-03-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0210-LN	<b>C</b> 15, 20	B-0231-BST	<b>C</b> 17, 21	B-0273	<b>E</b> 16
B-0199-03-WS	<b>C</b> 8; <b>D</b> 66, 76	B-0210-LNM	<b>C</b> 15	B-0231-CC	<b>C</b> 17, 21	B-0275	<b>B</b> 7
B-0199-04	<b>C</b> 8; <b>D</b> 66	B-0211	<b>C</b> 15, 20	B-0231-CC-CR	<b>C</b> 21	B-0276	<b>B</b> 7
B-0199-04-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0212	<b>C</b> 15, 20	B-0231-CCM	<b>C</b> 17, 21	B-0277	<b>B</b> 7
B-0199-04-WS	<b>C</b> 8; <b>D</b> 66, 76	B-0216	<b>C</b> 15, 20	B-0231-CR	<b>C</b> 21	B-0280	<b>B</b> 8
B-0199-05-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0220	<b>C</b> 17, 21	B-0231-CR-M	<b>C</b> 21	B-0281	<b>B</b> 8
B-0199-05-WS	<b>C</b> 8; <b>D</b> 66, 76	B-0220-CC	<b>C</b> 17, 21	B-0231-EE	<b>C</b> 17, 21	B-0284	<b>B</b> 12
B-0199-06	<b>C</b> 8; <b>D</b> 66	B-0220-EE	<b>C</b> 17, 21	B-0231-EEM	<b>C</b> 17, 21	B-0286	<b>A</b> 22; <b>B</b> 11
B-0199-06-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0220-EE-061X	<b>C</b> 21	B-0231-M	<b>C</b> 17, 21	B-0287	<b>A</b> 21; <b>B</b> 11
B-0199-06-WS	<b>C</b> 8; <b>D</b> 66, 76	B-0220-EELN	<b>c</b> 21	B-0231-WH4	<b>C</b> 21	B-0288	<b>B</b> 12
B-0199-07	<b>C</b> 8; <b>D</b> 66	B-0220-LN	<b>C</b> 17, 21	B-0232	<b>C</b> 17, 21	B-0289	<b>A</b> 21; <b>B</b> 12
B-0199-07-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0220-LNCC	<b>C</b> 21	B-0232-BST	<b>C</b> 17,21	B-0290	<b>B</b> 12
B-0199-07-WS	<b>C</b> 8; <b>D</b> 67, 76	B-0220-LNCCM	<b>c</b> 21	B-0232-CC	<b>C</b> 17, 21	B-0290-K	<b>B</b> 14
B-0199-08	<b>C</b> 8; <b>D</b> 66	B-0220-LNM	<b>c</b> 21	B-0232-CC-CR	<b>C</b> 21	B-0290-LN	<b>B</b> 12
B-0199-08-N05	<b>C</b> 9; <b>D</b> 67, 76	B-0220-M	<b>C</b> 17, 21	B-0232-EE	<b>C</b> 17	B-0290-PRISON	<b>B</b> 13
		L		1		l	



							<b>G-9</b>
Model No. Section	on & Page	Model No. Sect	tion & Page	Model No.	Section & Page	Model No.	Section & Page
B-0291	<b>B</b> 12	B-0330-BST	<b>c</b> 24	B-0415	<b>D</b> 57	B-0513	<b>E</b> 13
B-0292	<b>B</b> 12	B-0330CR-PRISON	<b>C</b> 24	B-0416	<b>D</b> 57	B-0520	<b>D</b> 26
B-0293	<b>B</b> 13	B-0330-LN	<b>C</b> 24	B-0418	<b>D</b> 57	B-0520-01	<b>D</b> 26
B-0293-01	<b>B</b> 13	B-0331	<b>C</b> 21	B-0425	A38; C11; D69	B-0520-F1	<b>D</b> 26
B-0294	<b>B</b> 13	B-0331-BST	<b>C</b> 19, 21	B-0425-M	<b>C</b> 11; <b>D</b> 69	B-0521	<b>D</b> 26
B-0295	<b>B</b> 13	B-0331-CC	<b>C</b> 19, 21	B-0426	<b>C</b> 11; <b>D</b> 69	B-0522	<b>D</b> 26
B-0296	<b>B</b> 13	B-0340	<b>C</b> 24	B-0427	<b>C</b> 11; <b>D</b> 69	B-0523	<b>D</b> 26
B-0296-LN	<b>B</b> 13	B-0340-LN	<b>C</b> 24	B-0428	<b>C</b> 11; <b>D</b> 69	B-0524	<b>D</b> 26
B-0296-PRISON	<b>B</b> 13	B-0341	<b>C</b> 19, 22	B-0429	<b>C</b> 11; <b>D</b> 69	B-0525	<b>D</b> 26
B-0297	<b>B</b> 13	B-0342	<b>C</b> 24	B-0440	<b>C</b> 14; <b>D</b> 72	B-0526-5	<b>D</b> 26
B-0298	<b>B</b> 13	B-0342CR-PRISON	<b>C</b> 24	B-0441	<b>C</b> 14; <b>D</b> 72	B-0527	<b>D</b> 26
B-0300	<b>C</b> 23	B-0342-LN	<b>C</b> 24	B-0442	<b>C</b> 14; <b>D</b> 72	B-0528	<b>D</b> 26
B-0300-LN	<b>C</b> 23	B-0343	<b>C</b> 20, 22	B-0443	<b>C</b> 14; <b>D</b> 72	B-0529	<b>D</b> 26
B-0300-VR	<b>C</b> 23	B-0344	<b>C</b> 21	B-0445	<b>C</b> 14; <b>D</b> 72	B-0529-01	<b>D</b> 26
B-0300-VR4	<b>C</b> 23	B-0345	<b>C</b> 24	B-0446	<b>C</b> 14; <b>D</b> 72	B-0535	<b>D</b> 27
B-0301	<b>C</b> 18, 19	B-0345-LN	<b>C</b> 24	B-0447	<b>C</b> 14; <b>D</b> 72	B-0536	<b>D</b> 27
B-0305	<b>C</b> 23, 22	B-0346	<b>C</b> 22	B-0448	<b>C</b> 14; <b>D</b> 72	B-0541	<b>B</b> 7
B-0305-01	<b>C</b> 23	B-0350	<b>D</b> 23	B-0449	<b>C</b> 14; <b>D</b> 72	B-0542	<b>B</b> 7
B-0305-03	<b>C</b> 23	B-0350-04	<b>D</b> 23	B-0452	<b>D</b> 64	B-0546	<b>D</b> 26
B-0305-LN	<b>C</b> 23	B-0352	<b>D</b> 23	B-0455	<b>D</b> 43	B-0575	<b>B</b> 8
B-0305-VR	<b>C</b> 23	B-0352-04	<b>D</b> 23	B-0455-04	<b>D</b> 43	B-0576	<b>B</b> 8
B-0305-VR4	<b>C</b> 23	B-0353-04	<b>D</b> 23	B-0456	<b>D</b> 43	B-0577	<b>B</b> 8
B-0306	<b>C</b> 15, 18	B-0355-04	<b>D</b> 23	B-0456-04	<b>D</b> 43	B-0578	<b>B</b> 8
B-0310	<b>C</b> 23	B-0362	<b>D</b> 29; <b>E</b> 18	B-0457	<b>D</b> 43	B-0578-01	<b>B</b> 8
B-0310-LN	<b>C</b> 23	B-0405-02	<b>C</b> 5; <b>D</b> 63	B-0458	<b>D</b> 43	B-0579	<b>B</b> 8
B-0312	<b>C</b> 15, 20	B-0405-03	<b>C</b> 5; <b>D</b> 63	B-0466	<b>C</b> 35; <b>D</b> 60	B-0579-01	<b>B</b> 8
B-0315	<b>C</b> 23	B-0405-04	<b>C</b> 5; <b>D</b> 63	B-0467	<b>C</b> 35; <b>D</b> 60	B-0580	<b>B</b> 8
B-0315-LN	<b>C</b> 23	B-0406-02	<b>C</b> 5; <b>D</b> 63	B-0473	<b>D</b> 25	B-0581	<b>B</b> 8
B-0316	<b>C</b> 22	B-0406-03	<b>C</b> 5; <b>D</b> 63	B-0474	<b>D</b> 25	B-0584	<b>B</b> 8
B-0316-LN	<b>C</b> 22	B-0406-04	<b>C</b> 5; <b>D</b> 63	B-0475	<b>D</b> 25	B-0585	<b>B</b> 8
B-0318-02	<b>B</b> 8	B-0407-02	<b>C</b> 5; <b>D</b> 63	B-0475-LKS	<b>D</b> 25	B-0590	<b>B</b> 8
B-0318-03	<b>B</b> 8	B-0407-03	<b>C</b> 5; <b>D</b> 63	B-0491-01	<b>D</b> 28; <b>E</b> 17	B-0591	<b>B</b> 8
B-0319	<b>B</b> 8	B-0407-04	<b>C</b> 5; <b>D</b> 63	B-0492-01	<b>D</b> 28; <b>E</b> 17	B-0592	<b>B</b> 9
B-0319-01	<b>B</b> 8	B-0408-02	<b>C</b> 5; <b>D</b> 63	B-0502	<b>D</b> 24	B-0592-CR	<b>B</b> 9
B-0319-02	<b>B</b> 8	B-0408-03	<b>C</b> 5; <b>D</b> 63	B-0502-LKS	<b>D</b> 24	B-0594	<b>B</b> 9
B-0319-03	<b>B</b> 8	B-0408-04	<b>C</b> 5; <b>D</b> 63	B-0502-SL	<b>D</b> 24	B-0597	<b>B</b> 9
B-0319-04	<b>B</b> 8	B-0409-02	<b>C</b> 5; <b>D</b> 63	B-0504	<b>D</b> 24	B-0597-CR	<b>B</b> 9
B-0320	<b>C</b> 23	B-0409-03	<b>C</b> 5; <b>D</b> 63	B-0504-01	<b>D</b> 24	B-0598	<b>B</b> 9
B-0320-LN	<b>C</b> 23	B-0409-04	<b>C</b> 5; <b>D</b> 63	B-0504-02	<b>D</b> 24	B-0600	<b>B</b> 9
B-0321	<b>C</b> 19, 21	B-0412	<b>C</b> 6; <b>D</b> 64	B-0504-03	<b>D</b> 24	B-0601	<b>B</b> 9
B-0321-CC	<b>C</b> 19, 21	B-0412-F03	<b>C</b> 6; <b>D</b> 64, 74	B-0504-03SL	<b>D</b> 24	B-0605	<b>B</b> 9
B-0321-CC-CR	<b>C</b> 21	B-0412-F05	<b>C</b> 6; <b>D</b> 64, 74	B-0504-LKS	<b>D</b> 24	B-0606	<b>B</b> 9
B-0322	<b>D</b> 23	B-0412-F07	<b>C</b> 6; <b>D</b> 64, 74	B-0504-SL	<b>D</b> 24	B-0610	<b>B</b> 9
B-0322-04	<b>D</b> 23	B-0412-F10	<b>C</b> 6; <b>D</b> 64, 74	B-0505	<b>D</b> 24	B-0610-JJ	<b>B</b> 9
B-0323-04	<b>D</b> 23	B-0412-F12	<b>C</b> 6; <b>D</b> 64, 74	B-0505-SL	<b>D</b> 24	B-0611	<b>B</b> 9
B-0324-04	<b>D</b> 23	B-0412-F15	<b>C</b> 6; <b>D</b> 64, 74	B-0507	<b>D</b> 24	B-0618-01	<b>D</b> 34; <b>E</b> 22
B-0325	<b>C</b> 15, 19	B-0412-F20	<b>C</b> 6; <b>D</b> 64, 74	B-0507-02	<b>D</b> 24	B-0618-02	<b>D</b> 34; <b>E</b> 22
B-0325-CR	<b>C</b> 15	B-0412-M	<b>C</b> 6; <b>D</b> 64	B-0508	<b>D</b> 24	B-0618-03	<b>D</b> 34; <b>E</b> 22
B-0325-WH4	<b>C</b> 15, 19	B-0413	<b>C</b> 6; <b>D</b> 64	B-0508-01	<b>D</b> 24	B-0650-01	<b>D</b> 28; <b>E</b> 17
B-0326	<b>C</b> 24	B-0413-M	<b>C</b> 6; <b>D</b> 64	B-0508-02	<b>D</b> 25	B-0650-02	<b>D</b> 28; <b>E</b> 17
B-0326-LN	<b>C</b> 24	B-0413-M50	<b>C</b> 6; <b>D</b> 64	B-0508-LKS	<b>D</b> 25	B-0650-BSTP	
B-0330	<b>C</b> 24	B-0414	<b>C</b> 6; <b>D</b> 64	B-0509	<b>D</b> 25	B-0650-BSTR	
B-0330-04	<b>D</b> 23	B-0414-M	<b>C</b> 6; <b>D</b> 64	B-0512	<b>E</b> 13	B-0650-POL	<b>D</b> 28; <b>E</b> 17



							<b>G</b> -9
Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page
B-0650-RGH	<b>D</b> 28; <b>E</b> 17	B-0670-01	<b>D</b> 32; <b>E</b> 20	B-0712-01	<b>D</b> 21; <b>E</b> 23	B-0866-04	<b>D</b> 12
B-0651-06	<b>D</b> 29; <b>E</b> 18	B-0670-P0L	<b>D</b> 32; <b>E</b> 20	B-0712-01VRS	<b>D</b> 21	B-0866-PV	<b>D</b> 12
B-0651-POL	<b>D</b> 29; <b>E</b> 18	B-0670-RGH	<b>D</b> 32; <b>E</b> 20	B-0712-F05	<b>D</b> 21	B-0867-04	<b>D</b> 12
B-0651-RGH	<b>D</b> 29; <b>E</b> 18	B-0671-POL	<b>D</b> 32; <b>E</b> 20	B-0712-PA	<b>D</b> 19; <b>E</b> 23	B-0867-04L	<b>D</b> 12
B-0652	<b>D</b> 29; <b>E</b> 18	B-0671-RGH	<b>D</b> 32; <b>E</b> 20	B-0712-VF05	<b>D</b> 21	B-0867-04-WS	<b>D</b> 12
B-0653	<b>D</b> 34; <b>E</b> 22	B-0672-P0L	<b>D</b> 32; <b>E</b> 20	B-0712-WS	<b>D</b> 21	B-0868-04	<b>D</b> 12
B-0654	<b>D</b> 34; <b>E</b> 22	B-0672-RGH	<b>D</b> 32; <b>E</b> 20	B-0713	<b>D</b> 21; <b>E</b> 23	B-0868-04L	<b>D</b> 12
B-0655-01	<b>D</b> 29; <b>E</b> 18	B-0673-P0L	<b>D</b> 32; <b>E</b> 20	B-0715	<b>D</b> 35; <b>E</b> 22	B-0869-04	<b>D</b> 12
B-0655-02	<b>D</b> 29; <b>E</b> 18	B-0673-RGH	<b>D</b> 32; <b>E</b> 20	B-0716	<b>D</b> 35; <b>E</b> 22	B-0870	<b>D</b> 18
B-0655-BSTP	<b>D</b> 29; <b>E</b> 18	B-0674-BSTP	<b>D</b> 33; <b>E</b> 21	B-0717	<b>D</b> 35; <b>E</b> 22	B-0870-CR	<b>D</b> 18
B-0655-BSTR	<b>D</b> 29; <b>E</b> 18	B-0674-BSTPM	D33; <b>E</b> 21	B-0718	<b>D</b> 35; <b>E</b> 22	B-0871	<b>D</b> 18
B-0655-POL	<b>D</b> 29; <b>E</b> 18	B-0674-BSTR	<b>D</b> 33; <b>E</b> 21	B-0720	<b>D</b> 35; <b>E</b> 23	B-0871-CR	<b>D</b> 18
B-0655-RGH	<b>D</b> 29; <b>E</b> 18	B-0674-BSTRM		B-0720-RGH	<b>D</b> 35; <b>E</b> 23	B-0871CR-PRIS	ON <b>D</b> 18
B-0656-POL	<b>D</b> 29; <b>E</b> 18	B-0674-POL	<b>D</b> 33; <b>E</b> 21	B-0730	<b>D</b> 35; <b>E</b> 23	B-0871-CR-WS	<b>D</b> 18
B-0656-RGH	<b>D</b> 29; <b>E</b> 18	B-0674-POLM	<b>D</b> 33; <b>E</b> 21	B-0730-P0L	<b>D</b> 35; <b>E</b> 23	B-0871-F05	<b>D</b> 18
B-0657	<b>D</b> 30; <b>E</b> 18	B-0674-RGH	<b>D</b> 33; <b>E</b> 21	B-0731-P0L	<b>D</b> 35; <b>E</b> 23	B-0871-M	<b>D</b> 18
B-0657-01	<b>D</b> 30; <b>E</b> 18	B-0674-RGHM	<b>D</b> 33; <b>E</b> 21	B-0736	<b>D</b> 35; <b>E</b> 23	B-0871-VF05	<b>D</b> 18
B-0657-BST	<b>D</b> 30; <b>E</b> 18	B-0674-RGHM2	24 <b>D</b> 33; <b>E</b> 21	B-0737	<b>D</b> 35; <b>E</b> 23	B-0871-VRS	<b>D</b> 18
B-0658	<b>D</b> 31; <b>E</b> 20	B-0675	<b>D</b> 36	B-0737-P0L	<b>D</b> 35; <b>E</b> 23	B-0871-WS	<b>D</b> 18
B-0659	<b>D</b> 33; <b>E</b> 22	B-0676	<b>D</b> 36	B-0800	<b>D</b> 20	B-0873	<b>D</b> 18
B-0660-BSTP	<b>D</b> 30; <b>E</b> 19	B-0677	<b>D</b> 36	B-0800-PA	<b>D</b> 19	B-0874	<b>D</b> 18
B-0660-BSTR	<b>D</b> 30; <b>E</b> 19	B-0678	<b>D</b> 36	B-0805	<b>D</b> 20	B-0874-M	<b>D</b> 18
B-0660-POL	<b>D</b> 30; <b>E</b> 19	B-0679	<b>D</b> 36	B-0805-01	<b>D</b> 20	B-0877	<b>D</b> 18
B-0660-RGH	<b>D</b> 30; <b>E</b> 19	B-0680-ST	<b>D</b> 37	B-0805-F05	<b>D</b> 20	B-0885	<b>D</b> 16
B-0661-P0L	<b>D</b> 30; <b>E</b> 19	B-0682	<b>D</b> 37	B-0805-PA	<b>D</b> 19	B-0890	<b>D</b> 15
B-0661-RGH	<b>D</b> 30; <b>E</b> 19	B-0682-ST	<b>D</b> 37	B-0805-VF05	<b>D</b> 20	B-0890-CR-WS	<b>D</b> 15
B-0662	<b>D</b> 30; <b>E</b> 19	B-0685	<b>D</b> 36	B-0805-WS	<b>D</b> 20	B-0890-F05	<b>D</b> 15
B-0664	<b>D</b> 31; <b>E</b> 19	B-0686	<b>D</b> 36	B-0806	<b>D</b> 20	B-0890-M	<b>D</b> 15
B-0664-01	<b>D</b> 31; <b>E</b> 19	B-0687	<b>D</b> 36	B-0807	<b>D</b> 20	B-0890-VF05	<b>D</b> 15
B-0664-02	<b>D</b> 31; <b>E</b> 19	B-0690	<b>D</b> 37	B-0807-01	<b>D</b> 20	B-0890-VRS	<b>D</b> 15
B-0665-BSTP	<b>D</b> 31; <b>E</b> 20	B-0691	<b>D</b> 37	B-0807-PA	<b>D</b> 19	B-0890-WS	<b>D</b> 15
B-0665-BSTP-	963 <b>D</b> 31; <b>E</b> 20	B-0692	<b>D</b> 33; <b>E</b> 21	B-0807-WS	<b>D</b> 20	B-0891	<b>D</b> 15
B-0665-BSTP-	CVB <b>D</b> 31; <b>E</b> 20	B-0693-P0L	<b>D</b> 33; <b>E</b> 21	B-0808	<b>D</b> 20	B-0892	<b>D</b> 15
B-0665-BSTPN	M <b>D</b> 31; <b>E</b> 20	B-0693-P0L-CI	R <b>D</b> 33; <b>E</b> 21	B-0830	<b>D</b> 21	B-0892-01	<b>D</b> 15
B-0665-BSTPN	M24 <b>D</b> 31; <b>E</b> 20	B-0695	<b>D</b> 33; <b>E</b> 21	B-0831	<b>D</b> 21	B-0892-01-WS	<b>D</b> 15
B-0665-BSTR	<b>D</b> 31; <b>E</b> 20	B-0695-ST	<b>D</b> 33; <b>E</b> 21	B-0831-01	<b>D</b> 22	B-0892-122X-L	AM <b>D</b> 15
B-0665-BSTR-	963 <b>D</b> 31; <b>E</b> 20	B-0697	D33; E21	B-0831-F05	<b>D</b> 21	B-0892-CR-HW	<b>D</b> 15
B-0665-BSTR-	CVB <b>D</b> 31; <b>E</b> 20	B-0698	<b>D</b> 33; <b>E</b> 21	B-0831-PA	<b>D</b> 19	B-0892-CR-WS	<b>D</b> 15
B-0665-BSTRN	M12 <b>D</b> 31; <b>E</b> 20	B-0699	<b>D</b> 33; <b>E</b> 21	B-0831-VF05	<b>D</b> 21	B-0892-F05	<b>D</b> 15
B-0665-POL	<b>D</b> 31; <b>E</b> 20	B-0699-ST	<b>D</b> 33; <b>E</b> 21	B-0831-WS	<b>D</b> 21	B-0892-FC	<b>D</b> 15
B-0665-RGH	<b>D</b> 31; <b>E</b> 20	B-0700	<b>D</b> 34; <b>E</b> 22	B-0833	<b>D</b> 21	B-0892-LF12-C	R4 <b>D</b> 15
B-0666-P0L	<b>D</b> 31; <b>E</b> 20	B-0702	<b>D</b> 34; <b>E</b> 22	B-0834	<b>D</b> 21	B-0892-M	<b>D</b> 15
B-0666-RGH	<b>D</b> 31; <b>E</b> 20	B-0703	<b>D</b> 34; <b>E</b> 22	B-0834-01	<b>D</b> 21	B-0892-VF05	<b>D</b> 15
B-0667-P0L	<b>D</b> 32; <b>E</b> 19	B-0704	<b>D</b> 34; <b>E</b> 22	B-0836	<b>D</b> 21	B-0892-VRS	<b>D</b> 15
B-0667-POLM	<b>D</b> 32; <b>E</b> 19	B-0706	<b>D</b> 34; <b>E</b> 22	B-0837	<b>D</b> 21	B-0892-WS	<b>D</b> 15
B-0667-RGH	<b>D</b> 32; <b>E</b> 19	B-0707	<b>D</b> 34; <b>E</b> 22	B-0837-01	<b>D</b> 21	B-0893	<b>D</b> 15
B-0667-RGHM	<b>D</b> 32; <b>E</b> 19	B-0708	<b>D</b> 34; <b>E</b> 22	B-0842	<b>D</b> 20	B-0894	<b>D</b> 15
B-0667-RGHM	24 <b>D</b> 32; <b>E</b> 19	B-0709	<b>D</b> 34; <b>E</b> 22	B-0850	<b>D</b> 16	B-0895	<b>D</b> 15
B-0668-P0L	<b>D</b> 32; <b>E</b> 19	B-0710	D35; <b>E</b> 23	B-0855	<b>D</b> 16	B-0898	<b>D</b> 15
B-0668-RGH	<b>D</b> 32; <b>E</b> 19	B-0710-01	<b>D</b> 35; <b>E</b> 23	B-0865	<b>D</b> 12	B-0898-0F	<b>D</b> 15
B-0669-01	<b>D</b> 32; <b>E</b> 20	B-0710-WS	<b>D</b> 35; <b>E</b> 23	B-0865-04	<b>D</b> 12	B-0899	<b>D</b> 15
B-0669-P0L	<b>D</b> 32; <b>E</b> 20	B-0711	D35; <b>E</b> 23	B-0865-04L	<b>D</b> 12	B-0900	<b>D</b> 40
B-0669-RGH	<b>D</b> 32; <b>E</b> 20	B-0712	<b>D</b> 21	B-0866	<b>D</b> 12	B-0921	<b>D</b> 41
		I		l		I	



							<b>G</b> -9
Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page
B-0925	<b>D</b> 41	B-1100-LN	<b>C</b> 25, 26	B-1122	<b>c</b> 27, 28	B-1202	<b>B</b> 3, 4
B-0926	<b>D</b> 41	B-1100-LNM	<b>C</b> 25	B-1122-M	<b>c</b> 27, 28	B-1204	<b>B</b> 3, 4
B-0929	<b>E</b> 13	B-1100-M	<b>C</b> 25, 26	B-1122-XS	<b>c</b> 27, 28	B-1205	<b>B</b> 3, 4
B-0929-A	<b>E</b> 13	B-1101	<b>C</b> 25, 26	B-1123	<b>c</b> 27, 28	B-1205-M	<b>B</b> 4
B-0930	<b>D</b> 42	B-1102	<b>C</b> 25, 26	B-1123-M	<b>c</b> 27, 28	B-1210	<b>B</b> 3, 4
B-0933-ST	<b>D</b> 38	B-1103	<b>C</b> 25, 26	B-1123-XS	<b>c</b> 27, 28	B-1210-01	<b>B</b> 3, 4
B-0937	<b>D</b> 42	B-1105	<b>C</b> 25, 26	B-1125	<b>c</b> 27, 28	B-1210-01M	<b>B</b> 4
B-0938	<b>D</b> 42	B-1105-LN	<b>C</b> 25, 26	B-1125-LN	<b>c</b> 27, 28	B-1210-12	<b>B</b> 4
B-0940	<b>D</b> 42	B-1105-LNM	<b>C</b> 25	B-1125-LNM	<b>C</b> 28	B-1210-M	<b>B</b> 4
B-0950	A29; D38	B-1106	<b>C</b> 25, 26	B-1125-M	<b>C</b> 27, 28	B-1211	<b>B</b> 3, 4
B-0950-01	<b>A</b> 29	B-1107	<b>C</b> 25, 26	B-1126	<b>C</b> 27, 28	B-1215	<b>B</b> 3, 4
B-0955	A28; D38	B-1108	<b>C</b> 25, 26	B-1126-M	<b>c</b> 27, 28	B-1220	<b>B</b> 3, 4
B-0956	A29; D38	B-1110	<b>C</b> 25, 27	B-1126-XS	<b>c</b> 27, 28	B-1222	<b>B</b> 3, 4
B-0957	A28; D38	B-1110-LN	<b>C</b> 25, 27	B-1127	<b>C</b> 27, 28	B-1225	<b>B</b> 3, 4
B-0962	<b>E</b> 13	B-1110-LN-WH4	<b>C</b> 25	B-1127-M	<b>c</b> 27, 28	B-1230	<b>B</b> 3, 5
B-0963	<b>E</b> 13	B-1110-LNM	<b>C</b> 25	B-1128	<b>C</b> 27, 28	B-1231	<b>B</b> 3, 5
B-0965	<b>E</b> 14	B-1110-M	<b>C</b> 25, 27	B-1128-M	<b>C</b> 27, 28	B-1235	<b>B</b> 3, 5
B-0968	<b>E</b> 14	B-1110-XS	<b>C</b> 25, 27	B-1128-XS	<b>C</b> 27, 28	B-1240	<b>B</b> 3, 5
B-0968-HA	<b>D</b> 56, <b>E</b> 14	B-1110-XS-LN	<b>C</b> 25	B-1130	<b>C</b> 25, 26	B-1255	<b>B</b> 14
B-0969	<b>E</b> 14	B-1110-XS-LNN	<b>C</b> 25	B-1131	<b>C</b> 25, 27	B-1256	<b>B</b> 14
B-0970-FE	<b>A</b> 38	B-1111	<b>C</b> 25, 27	B-1131-XS	<b>C</b> 25, 27	B-12K	<b>C</b> 34
B-0973	<b>D</b> 38	B-1111-M	<b>C</b> 25, 27	B-1132	<b>c</b> 27, 28	B-1305	<b>D</b> 57
B-0974	<b>D</b> 38	B-1111-XS	<b>C</b> 25, 27	B-1135	<b>C</b> 25, 26	B-1305-01	<b>D</b> 57
B-0975-GH	<b>E</b> 14	B-1112	<b>C</b> 25, 27	B-1136	<b>C</b> 27, 28	B-1306	<b>D</b> 57
B-1020	<b>D</b> 39	B-1112-M	<b>C</b> 25, 27	B-1137	<b>c</b> 27, 28	B-1306-01	<b>D</b> 57
B-1025	<b>D</b> 39	B-1112-XS	<b>C</b> 25, 27	B-1140	<b>C</b> 25, 26	B-1315	<b>D</b> 57
B-1025-1	<b>D</b> 39	B-1113	<b>C</b> 25, 27	B-1141	<b>C</b> 25, 27	B-1336	<b>D</b> 57
B-1025-ST	<b>D</b> 39; <b>E</b> 14	B-1113-M	<b>C</b> 25, 27	B-1141-XS	<b>C</b> 25, 27	B-1340	<b>D</b> 58
B-1026-1	<b>D</b> 39	B-1113-XS	<b>C</b> 25, 27	B-1142	<b>C</b> 28	B-1341	<b>D</b> 58
B-1027	<b>D</b> 40	B-1115	<b>C</b> 28	B-1142-XS	<b>C</b> 28	B-1342	<b>D</b> 58
B-1027-UCP	<b>D</b> 40	B-1115-LN	<b>c</b> 27, 28	B-1145	<b>c</b> 25, 26	B-1344	<b>D</b> 58
B-1028	<b>D</b> 40	B-1115-LNM	<b>C</b> 28	B-1146	<b>c</b> 27, 28	B-1345	<b>D</b> 58
B-1029	<b>D</b> 40	B-1115-M	<b>c</b> 27, 28	B-1146-01A	<b>C</b> 28	B-1346	<b>D</b> 58
B-1029-1	<b>D</b> 40	B-1115-XS	<b>c</b> 27, 28	B-1146-04	<b>c</b> 27, 28	B-1350	<b>D</b> 58
B-1029-2	<b>D</b> 40	B-1116	<b>c</b> 27, 28	B-1146-XS	<b>c</b> 27, 28	B-1351	<b>D</b> 58
B-1029-PA	<b>D</b> 40	B-1116-M	<b>c</b> 27, 28	B-1147	<b>C</b> 27, 28	B-1355	<b>D</b> 58
B-1030	<b>D</b> 39	B-1117	<b>c</b> 27, 28	B-1148	<b>C</b> 29	B-13K	C34; D59
B-1030-ST	<b>D</b> 39	B-1117-M	<b>c</b> 27, 28	B-1149	<b>C</b> 29	B-1410	<b>A</b> 31
B-1032	<b>D</b> 39	B-1118	<b>c</b> 27, 28	B-1151	<b>C</b> 29	B-1411	A31
B-1035	<b>D</b> 39	B-1118-M	<b>c</b> 27, 28	B-1152	<b>C</b> 29	B-1412	A31
B-1035-ST	<b>D</b> 39; <b>E</b> 14	B-1120	<b>c</b> 27, 28	B-1156	<b>c</b> 29	B-1413	<b>B</b> 6
B-1050	<b>D</b> 39	B-1120-F22	<b>C</b> 28	B-1157	<b>C</b> 29	B-1420	A32
B-1050-ST	<b>D</b> 39	B-1120-LN	<b>C</b> 27, 28	B-1171		B-1421	A32
B-1065	<b>D</b> 38	B-1120-LN-WH		B-1171-07 B-1172	<b>C</b> 30	B-1422 B-1423	<b>A</b> 32 <b>A</b> 32
B-1090	<b>D</b> 40	B-1120-LNM	<b>C</b> 28				
B-1091	<b>D</b> 40	B-1120-M	<b>C</b> 27, 28	B-1172-01-CD B-1172-07	<b>C</b> 29	B-1424 B-1425	<b>A</b> 32 <b>A</b> 32
B-1092	<b>D</b> 40	B-1120-XS	<b>C</b> 27, 28	B-1172-07 B-1177	<b>c</b> 30	B-1425 B-1426	<b>A</b> 32
B-1095	<b>D</b> 40	B-1120-XS-LNN		B-1177 B-1193	<b>c</b> 30	B-1426 B-1427	<b>A</b> 32
B-1097	<b>D</b> 40	B-1121	<b>C</b> 27, 28	B-1193 B-11K	<b>C</b> 34; <b>D</b> 59	B-1427 B-1428	<b>A</b> 32
B-10K	A38; E12	B-1121-M	<b>C</b> 27, 28		<b>B</b> 3, 4	В-1426	<b>E</b> 8
B-10K-C	A38	B-1121-XS	<b>C</b> 27, 28	B-1200 B-1200-M	<b>B</b> 3, 4	B-1430 B-1432	<b>E</b> 8
B-1100 K	C25, 26	B-1120-XS-LN	<b>C</b> 28	B-1200-M B-1201	<b>B</b> 3, 4	B-1432 B-1433	E8, 11
B-1100-K	<b>C</b> 11, 35; <b>D</b> 69	B-1120-XS-LNN	1 <b>C</b> 28	D-1201	<b>D</b> 3, 4	₽- <b>T</b> 422	€0, 11



							G-9
Model No. Section	on & Page	Model No. Se	ection & Page	Model No. Section	on & Page	Model No. Sect	ion & Page
B-1433-01	<b>E</b> 8	B-2299	<b>c</b> 21	B-2731	<b>D</b> 4	B-2867-04L	<b>D</b> 14
B-1433-01M-QDS	<b>E</b> 8	B-2301	<b>D</b> 35; <b>E</b> 23	B-2731-LH	<b>D</b> 4	B-2867-04-F05	<b>D</b> 14
B-1433-02	<b>E</b> 8	B-2312	<b>B</b> 10	B-2731-WS	<b>D</b> 4	B-2867-04-VF05	<b>D</b> 14
B-1433-04	<b>E</b> 8	B-2320	<b>C</b> 21, <b>D</b> 15	B-2740	<b>D</b> 5	B-2867-04-WS	<b>D</b> 14
B-1433-7132-01M	<b>E</b> 8	B-2331	<b>B</b> 11	B-2741	<b>D</b> 4	B-2868-04	<b>D</b> 14
B-1433-CR	<b>E</b> 8	B-2338	<b>A</b> 17	B-2741-GHS	<b>D</b> 4	B-2869-04	<b>D</b> 14
B-1434-RG	<b>E</b> 8	B-2338-08C	<b>A</b> 17	B-2742	<b>D</b> 4	B-2885	<b>D</b> 16
B-1436	<b>E</b> 9	B-2339	<b>E</b> 11	B-2742-LF05	<b>D</b> 4	B-2955	<b>D</b> 17
B-1439	<b>E</b> 9	B-2339-02	<b>E</b> 11	B-2742-LH	<b>D</b> 4	B-2970	<b>D</b> 18
B-1444	<b>E</b> 9	B-2339-LR	<b>E</b> 11	B-2743	<b>D</b> 4	B-2971	<b>D</b> 18
B-1444-CV	<b>E</b> 9	B-2342	<b>C</b> 17, 21	B-2744	<b>D</b> 4	B-2990	<b>D</b> 17
B-1453	<b>E</b> 9	B-2343	<b>B</b> 8	B-2745	<b>D</b> 5	B-2990-175F	<b>D</b> 17
B-1454	<b>E</b> 11	B-2346	<b>C</b> 30	B-2746	<b>D</b> 5	B-2990-180F	<b>D</b> 17
B-1457	<b>E</b> 10	B-2347	<b>D</b> 14	B-2749	<b>D</b> 5	B-2990-F05	<b>D</b> 17
B-1458	<b>E</b> 10	B-2347-05-LVR	<b>D</b> 14	B-2820	<b>D</b> 22	B-2990-FL	<b>D</b> 17
B-1459	<b>E</b> 10	B-2349	<b>A</b> 17	B-2820-01	<b>D</b> 22	B-2990-P	<b>D</b> 17
B-15K	<b>D</b> 59	B-2358	<b>C</b> 21	B-2820-PA	<b>D</b> 20, 22	B-2990-PWH4	<b>D</b> 17
B-17K	<b>c</b> 34	B-2360	<b>D</b> 27	B-2821	<b>D</b> 22	B-2990-VF05	<b>D</b> 17
B-18K	<b>D</b> 60	B-2360-01	<b>D</b> 27	B-2823-02	<b>D</b> 22	B-2990-WH4	<b>D</b> 17
B-1958	<b>D</b> 31; <b>E</b> 20	B-2360-01-PA	<b>D</b> 27	B-2850	<b>D</b> 16	B-2990-WH4-WS	<b>D</b> 17
B-19K	<b>C</b> 35; <b>D</b> 59	B-2360-02	<b>D</b> 27	B-2850-F05	<b>D</b> 16	B-2990-WS	<b>D</b> 17
B-20K	<b>C</b> 35	B-2360-03	<b>D</b> 27	B-2850-VF05	<b>D</b> 16	B-2991	<b>D</b> 22
B-2187	<b>A</b> 16	B-2360-04	<b>D</b> 27	B-2850-WH4	<b>D</b> 16	B-2991-P	<b>D</b> 22
B-2187-01	<b>A</b> 16	B-2370	<b>A</b> 26	B-2850-WS	<b>D</b> 16	B-2991-PA	<b>D</b> 20
B-2180	<b>A</b> 16	B-2386	<b>D</b> 13	B-2851	<b>D</b> 16	B-2991-WH4	<b>D</b> 22
B-2194	<b>A</b> 16	B-2387	<b>D</b> 64	B-2851-L	<b>D</b> 16	B-2991-WS	<b>D</b> 22
B-2223	<b>A</b> 16	B-238RK	A42; C36; D61	B-2852	<b>D</b> 16	B-2992	<b>D</b> 17
B-2261	<b>A</b> 16	B-23K	A38; C35	B-2853-RSW-061X	<b>D</b> 16	B-2992-P	<b>D</b> 17
B-2261-B	<b>A</b> 16	B-2455-C	<b>A</b> 24	B-2853-RSW-VR05	<b>D</b> 16	B-3200	<b>D</b> 3, 41
B-2271	<b>D</b> 33; <b>E</b> 21	B-2460	<b>D</b> 35; <b>E</b> 23	B-2855	<b>D</b> 16	B-3201	<b>D</b> 3, 41
B-2271-CR	<b>D</b> 33; <b>E</b> 21	B-2464	<b>D</b> 24	B-2855-WS	<b>D</b> 16	B-3204	<b>D</b> 3, 41
B-2271-POL-CR	<b>D</b> 33; <b>E</b> 21	B-2480	<b>D</b> 34; <b>E</b> 21	B-2862	<b>D</b> 13	B-3204-PBV	<b>D</b> 3, 41
B-2280	<b>C</b> 17, 21	B-2490	<b>D</b> 22	B-2862-WS	<b>D</b> 13	B-3205	<b>D</b> 3, 41
B-2280-060X	<b>C</b> 21	B-2490-PA	<b>D</b> 19; <b>E</b> 23	B-2865	<b>D</b> 13	B-3940	<b>c</b> 30, 31
B-2282	<b>B</b> 7	B-2501	<b>C</b> 15, 19	B-2865-04	<b>D</b> 13	B-3940-01	<b>c</b> 30, 31
B-2282-01	<b>B</b> 7	B-2501-CR	<b>C</b> 15	B-2865-04L	<b>D</b> 13	B-3942	<b>c</b> 30, 31
B-2282-F03	<b>B</b> 7	B-2701	<b>D</b> 5	B-2865-05	<b>D</b> 13	B-3942-01	<b>c</b> 30, 31
B-2282-F05	<b>B</b> 7	B-2703	<b>D</b> 5	B-2865-05-120XA	<b>D</b> 13	B-3950	<b>c</b> 30, 31
B-2282-F07	<b>B</b> 7	B-2710	<b>D</b> 4	B-2865-05-133XA	<b>D</b> 13	B-3950-01	<b>c</b> 30, 31
B-2282-F10	<b>B</b> 7	B-2710-LH	<b>D</b> 4	B-2865-06	<b>D</b> 13	B-3952	<b>c</b> 30, 31
B-2282-F12	<b>B</b> 7	B-2710-F05	<b>D</b> 4	B-2866	<b>D</b> 13	B-3952-01	<b>c</b> 30, 31
B-2282-F15	<b>B</b> 7	B-2710-VF05	<b>D</b> 4	B-2866-01	<b>D</b> 13	B-3960	<b>c</b> 30, 31
B-2282-F20	<b>B</b> 7	B-2710-WS	<b>D</b> 4	B-2866-04	<b>D</b> 13	B-3960-01	<b>c</b> 30, 31
B-2282-F25	<b>B</b> 7	B-2711	<b>D</b> 4	B-2866-04L	<b>D</b> 13	B-3962	<b>c</b> 30, 31
B-2283	<b>C</b> 15, 17	B-2711-F05	<b>D</b> 4	B-2866-04VRS	<b>D</b> 13	B-3962-01	<b>c</b> 30, 31
B-2283-065X	<b>C</b> 15	B-2711-LH	<b>D</b> 4	B-2866-05	<b>D</b> 13	B-3970	<b>c</b> 30, 31
B-2283-CR	<b>C</b> 15	B-2711-VF05	D4	B-2866-05FC	<b>D</b> 13	B-3970-01	<b>c</b> 30, 31
B-2285	<b>A</b> 16	B-2711-WS	D4	B-2866-05-WS	<b>D</b> 13	B-3972	<b>c</b> 30, 31
B-2285-B	<b>A</b> 16	B-2730	D4	B-2866-F05	<b>D</b> 13	B-3972-01	<b>c</b> 30, 31
B-2285-BC	A25	B-2730-07	<b>D</b> 4	B-2866-LF12-CR4	<b>D</b> 13	B-3990	<b>C</b> 32
B-2288	A13	B-2730-DRK	<b>D</b> 59	B-2866-VF05	<b>D</b> 13	B-3990-01	<b>C</b> 32
B-2289	<b>C</b> 27, 28	B-2730-LH	D4	B-2867	D14	B-3990-01-BSP	<b>C</b> 32
B-2291	<b>C</b> 28	B-2730-WS	<b>D</b> 4	B-2867-04	<b>D</b> 14	B-3990-01-3X	<b>C</b> 32



							<b>G-9</b>
Model No. Secti	on & Page	Model No.	Section & Page	Model No.	Section & Page	Model No.	Section & Page
B-3990-01-5X	<b>c</b> 32	B-7142-C01M	<b>E</b> 5		<b>C</b> 12; <b>D</b> 70; <b>E</b> 16	BL-4210-01	<b>D</b> 45
B-3990-01-BSP3X	<b>C</b> 32	B-7142-C02	<b>E</b> 5	B-CVH3-4	<b>A</b> 15, 18, 21; <b>B</b> 11;	BL-4210-02	<b>D</b> 45
B-3990-01-BSP5X	<b>C</b> 32	B-7142-C05	<b>E</b> 5		C12; D70; E16	BL-4250-01	<b>D</b> 45
B-3990-3KIT	<b>c</b> 32, 33	B-7142-C08H	<b>E</b> 5	B-CVV1-2	C12; D70; E16	BL-4250-02	<b>D</b> 45
B-3990-3X	<b>C</b> 32	B-7142-C08M	<b>E</b> 5	B-CVV3-4	<b>A</b> 21, <b>E1</b> 6	BL-4250-03	<b>D</b> 45
B-3990-5KIT	<b>c</b> 32, 33	B-7142-C10	<b>E</b> 5	B-GFE	<b>C</b> 10; <b>D</b> 68	BL-4250-04	<b>D</b> 45
B-3990-5X	<b>C</b> 32	B-7212-01	<b>E</b> 6	B-GH	<b>C</b> 10, 11; <b>D</b> 68	BL-4250-05	<b>D</b> 45
B-3990-BSP	<b>C</b> 32	B-7212-01M	<b>E</b> 6	B-KF	<b>A</b> 38	BL-4250-06	<b>D</b> 45
B-3990-BSP-3X	<b>C</b> 32	B-7212-02	<b>E</b> 6	B-KG	<b>A</b> 38	BL-4250-07	<b>D</b> 45
B-3990-BSP-5X	<b>C</b> 32	B-7212-05	<b>E</b> 6	B-LT	<b>C</b> 9; <b>D</b> 68	BL-4250-08	<b>D</b> 45
B-3992	<b>C</b> 32	B-7212-08H	<b>E</b> 6	B-PT	<b>C</b> 10; <b>D</b> 68	BL-4260-01	<b>D</b> 45
B-3992-3X	<b>C</b> 32	B-7212-08M	<b>E</b> 6	B-PV	<b>D</b> 12	BL-4300-0	<b>D</b> 46
B-3992-5X	<b>C</b> 32	B-7212-10	<b>E</b> 6	B-SD	<b>C</b> 7; <b>D</b> 65	BL-4300-01	<b>D</b> 46
B-3992-01	<b>C</b> 32	B-7212-11	<b>E</b> 6	B-SDA	<b>C</b> 7; <b>D</b> 65	BL-4300-02	<b>D</b> 46
B-3992-01-3X	<b>C</b> 32	B-7222-C01	<b>E</b> 7	B-TEE-EZK	<b>A</b> 32, <b>C</b> 13	BL-4300-04	<b>D</b> 46
B-3992-01-5X	<b>C</b> 32	B-7222-C01M	<b>E</b> 7	B-TEE-RGD	<b>A</b> 32, <b>C</b> 13	BL-4350-01	<b>D</b> 46
B-39K	<b>C</b> 30, 31	B-7222-C02	<b>E</b> 7	B-WH4	<b>C</b> 7; <b>D</b> 60, 65	BL-4355-01	<b>D</b> 46
B-5K	<b>C</b> 34	B-7222-C05	<b>E</b> 7	B-WH4C	<b>C</b> 7; <b>D</b> 60, 65	BL-4422-0	<b>D</b> 46
B-50P	<b>D</b> 60	B-7222-C08H	<b>E</b> 7	B-WH4H	<b>C</b> 7; <b>D</b> 60, 65	BL-4422-01	<b>D</b> 46
B-6K	<b>C</b> 34; <b>D</b> 59	B-7222-C08M	<b>E</b> 7	B-WH6	<b>C</b> 7; <b>D</b> 60, 65	BL-4500-01	<b>D</b> 46
B-7102	<b>E</b> 3, 4	B-7232-01	<b>E</b> 6	B-WH6C	<b>C</b> 7; <b>D</b> 60, 65	BL-4500-02	<b>D</b> 46
B-7102-01	<b>E</b> 3, 4	B-7232-01M	<b>E</b> 6	B-WH6H	<b>C</b> 7; <b>D</b> 60, 65	BL-4500-04	<b>D</b> 46
B-7102-01M	<b>E</b> 3, 4	B-7232-02	<b>E</b> 6	BF-0034-A	<b>B</b> 12	BL-4501-01	<b>D</b> 46
B-7102-08H	<b>E</b> 3, 4	B-7232-05	<b>E</b> 6	BF-0062-X	<b>B12-</b> 14	BL-4520-01	<b>D</b> 46
B-7102-08M	<b>E</b> 3, 4	B-7232-08H	<b>E</b> 6	BF-0135-X	<b>B</b> 13, 14	BL-4520-02	<b>D</b> 46
B-7112-01	<b>E</b> 4	B-7232-08M	<b>E</b> 6	BF-0136-X	<b>B</b> 13, 14	BL-4700-01	<b>D</b> 47
B-7112-01M	<b>E</b> 4	B-7232-10	<b>E</b> 6	BF-0153-X	<b>B</b> 14	BL-4700-01M	F <b>D</b> 47
B-7112-05	<b>E</b> 4	B-7232-11	<b>E</b> 6	BF-0176	<b>A</b> 21; <b>B</b> 13	BL-4700-02	<b>D</b> 47
B-7112-08H	<b>E</b> 4	B-7233-02	<b>E</b> 6	BF-0178-A	<b>B</b> 12, 14	BL-4705-01	<b>D</b> 48
B-7112-08M	<b>E</b> 4	B-7233-05	<b>E</b> 6	BF-0400	<b>B</b> 12	BL-4705-02	<b>D</b> 48
B-7112-10	<b>E</b> 4	B-7233-08H	<b>E</b> 6	BF-0401	<b>B</b> 12	BL-4705-03	<b>D</b> 48
B-7122-C01	<b>E</b> 5	B-7242-01	<b>E</b> 6	BF-0402	<b>B</b> 12	BL-4710-01	<b>D</b> 47
B-7122-C01M	<b>E</b> 5	B-7242-01M	<b>E</b> 6	BL-4000-01	<b>D</b> 44	BL-4710-02	<b>D</b> 47
B-7122-C02	<b>E</b> 5	B-7242-02	<b>E</b> 6	BL-4000-01M		BL-4710-03	<b>D</b> 47
B-7122-C05	<b>E</b> 5	B-7242-05	<b>E</b> 6	BL-4010-01	<b>D</b> 44	BL-4720-01	<b>D</b> 47
B-7122-C08H	<b>E</b> 5	B-7242-08H	<b>E</b> 6	BL-4100-0	<b>D</b> 44	BL-4720-01M	
B-7122-C08M	<b>E</b> 5	B-7242-08M	<b>E</b> 6	BL-4100-01	<b>D</b> 44	BL-4720-02	<b>D</b> 47
B-7122-C10	<b>E</b> 5	B-7242-10	<b>E</b> 6	BL-4100-02	<b>D</b> 44	BL-4720-02M	
B-7132-01	<b>E</b> 4	B-7242-C01	<b>E</b> 7	BL-4100-03	<b>D</b> 44	BL-4720-03	<b>D</b> 47
B-7132-01M	<b>E</b> 4	B-7242-C01M		BL-4100-04	<b>D</b> 44	BL-4730-03	<b>D</b> 47
B-7132-02	<b>E</b> 4	B-7242-C02	<b>E</b> 7	BL-4100-05	<b>D</b> 44	BL-4740-03	<b>D</b> 48
B-7132-05	<b>E</b> 4	B-7242-C05	<b>E</b> 7	BL-4102-0	D44	BL-4740-04	<b>D</b> 48
B-7132-08H	<b>E</b> 4	B-7242-C08H	<b>E</b> 7	BL-4102-01	<b>D</b> 44	BL-4750-03	<b>D</b> 48
B-7132-08M	<b>E</b> 4	B-7242-C08M		BL-4102-02	D44	BL-4750-05	<b>D</b> 48
B-7132-10	<b>E</b> 4	B-7242-C10	<b>E</b> 7	BL-4200-0	<b>D</b> 44	BL-4750-06	<b>D</b> 48
B-7142-01	<b>E</b> 4	B-7243-02	<b>E</b> 6	BL-4200-01	<b>D</b> 44	BL-4750-07	<b>D</b> 48
B-7142-01M	<b>E</b> 4	B-7243-05	<b>E</b> 6	BL-4200-02	<b>D</b> 44	BL-5500-0	<b>D</b> 55
B-7142-02	<b>E</b> 4	B-7243-08H	<b>E</b> 6	BL-4200-04	<b>D</b> 44	BL-5500-01	<b>D</b> 55
B-7142-05	<b>E</b> 4	B-7245-03	<b>E</b> 6	BL-4203-0	<b>D</b> 44	BL-5500-03	<b>D</b> 55
B-7142-08H	<b>E</b> 4	B-7245-06	<b>E</b> 6	BL-4203-01	<b>D</b> 44	BL-5500-07	<b>D</b> 55
B-7142-08M	<b>E</b> 4	B-7245-NH	<b>E</b> 6	BL-4203-02	<b>D</b> 44	BL-5500-08	<b>D</b> 55
B-7142-10	<b>E</b> 4	B-9K	A38; C34; D59	BL-4203-04	<b>D</b> 44	BL-5500-09	<b>D</b> 55
B-7142-C01	<b>E</b> 5	B-CVH1-2	<b>A</b> 15, 18, 21; <b>B</b> 11;	BL-4210-0	<b>D</b> 45	BL-5500-10	<b>D</b> 55



							G-9
Model No. Sec	tion & Page	Model No. Se	ction & Page	Model No. Secti	on & Page	Model No.	Section & Page
BL-5505-07	<b>D</b> 55	BL-5715-09	<b>D</b> 51	EC-3101-VF05	<b>D</b> 7	HG-2C-24S	<b>F</b> 5, 6, 7
BL-5545-01	<b>D</b> 55	BL-5725-01	<b>D</b> 51	EC-3102	<b>D</b> 7	HG-2C-24SK	<b>F</b> 5, 6, 7
BL-5550-01	<b>D</b> 55	BL-5725-02	<b>D</b> 51	EC-3102-HG	<b>D</b> 7, 11	HG-2C-36	<b>F</b> 5, 6, 7
BL-5550-01F	<b>D</b> 55	BL-5725-08	<b>D</b> 51	EC-3102-LF22	<b>D</b> 7	HG-2C-36K	<b>F</b> 5, 6, 7
BL-5550-04	<b>D</b> 56	BL-5725-09	<b>D</b> 51	EC-3102-SM	<b>D</b> 9	HG-2C-36-PS	<b>F</b> 8
BL-5550-05	<b>D</b> 56	BL-5735-01	<b>D</b> 52	EC-3102-TMV	<b>D</b> 7, 9	HG-2C-36S	<b>F</b> 5, 6, 7
BL-5550-09	<b>D</b> 56	BL-5735-02	<b>D</b> 52	EC-3102-VF05	<b>D</b> 7	HG-2C-48	<b>F</b> 5, 6, 7
BL-5550-10	<b>D</b> 56	BL-5735-09	<b>D</b> 52	EC-3103	<b>D</b> 8	HG-2C-48K	<b>F</b> 5, 6, 7
BL-5550-12	<b>D</b> 56	BL-5740-01	<b>D</b> 53	EC-3103-HG	<b>D</b> 8, 11	HG-2C-48-PS	<b>F</b> 8
BL-5550-23	<b>D</b> 56	BL-5740-02	<b>D</b> 53	EC-3103-LF22	<b>D</b> 8	HG-2C-48S	<b>F</b> 5, 6, 7
BL-5550-24	<b>D</b> 56	BL-5740-08	<b>D</b> 53	EC-3103-TMV	<b>D</b> 8,9	HG-2C-48SK	<b>F</b> 5, 6, 7
BL-5550-25	<b>D</b> 56	BL-5750-01	<b>D</b> 53	EC-3103-VF05	<b>D</b> 8	HG-2C-60	<b>F</b> 5, 6, 7
BL-5550-26	<b>D</b> 56	BL-5755-01	<b>D</b> 53	EC-3106	<b>D</b> 8	HG-2C-60-PS	<b>F</b> 8
BL-5550-30	<b>D</b> 56	BL-5775-01	<b>D</b> 53	EC-3106-HG	<b>D</b> 8, 11	HG-2C-72	<b>F</b> 5, 6, 7
BL-5560-01	<b>D</b> 57	BL-5775-08	<b>D</b> 53	EC-3106-VF05	<b>D</b> 8	HG-2C-72K	<b>F</b> 5, 6, 7
BL-5560-02	<b>D</b> 57	BL-5800-02	<b>D</b> 53	EC-3106-TMV	<b>D8,</b> 9	HG-2D-24	<b>F</b> 5, 6, 7
BL-5561-02	<b>D</b> 57	BL-5850-01	<b>D</b> 53	EC-3119A	<b>D</b> 10	HG-2D-24K	<b>F</b> 5, 6, 7
BL-5561-03	<b>D</b> 57	BL-5850-01TL	<b>D</b> 53	EC-3119A-DP	<b>D</b> 10	HG-2D-24-PS	<b>F</b> 8
BL-5700-01	<b>D</b> 49	BL-5850-02	<b>D</b> 53	EC-3119A-VF05	<b>D</b> 10	HG-2D-24S	<b>F</b> 5, 6, 7
BL-5700-02	<b>D</b> 49	BL-5860-01TL	<b>D</b> 51	EC-3119B	<b>D</b> 10	HG-2D-24SK	<b>F</b> 5, 6, 7
BL-5700-04	<b>D</b> 49	BL-6000-02	<b>D</b> 54	EC-3119B-DP	<b>D</b> 10	HG-2D-36	<b>F</b> 5, 6, 7
BL-5700-08	<b>D</b> 49	BL-6000-03	<b>D</b> 54	EC-3119B-VF05	<b>D</b> 10	HG-2D-36K	<b>F</b> 5, 6, 7
BL-5700-09	<b>D</b> 49	BL-6005-02	<b>D</b> 54	EC-EASYWIRE	<b>D</b> 10	HG-2D-36-PS	<b>F</b> 8
BL-5704-01	<b>D</b> 50	BL-6005-03	<b>D</b> 54	EC-EASYWIRE4CC	<b>D</b> 10	HG-2D-36S	<b>F</b> 5, 6, 7
BL-5704-02	<b>D</b> 50	BL-6050-01	<b>D</b> 54	EC-EASYWIRE5EXT	<b>D</b> 10	HG-2D-36SK	<b>F</b> 5, 6, 7
BL-5704-03	<b>D</b> 50	BL-6050-02	<b>D</b> 54	EC-FILTER	<b>D</b> 9	HG-2D-48	<b>F</b> 5, 6, 7
BL-5704-04	<b>D</b> 50	BL-9000-01	<b>D</b> 49	EC-HARDWIRE	<b>D</b> 10	HG-2D-48K	<b>F</b> 5, 6, 7
BL-5704-08	<b>D</b> 50	BL-9000-05	<b>D</b> 49	EC-HYDROGEN	<b>D</b> 8, 11	HG-2D-48S	<b>F</b> 5, 6, 7
BL-5704-09	<b>D</b> 50	BL-9000-09	<b>D</b> 49	EC-TMV	<b>D</b> 9	HG-2D-48-PS	<b>F</b> 8
BL-5705-01	<b>D</b> 50	BL-9000-10	<b>D</b> 49	EW-7360B	<b>G</b> 4	HG-2D-48SK	<b>F</b> 5, 6, 7
BL-5705-02	<b>D</b> 50	BL-9005-01	<b>D</b> 49	EW-7501	<b>G</b> 4	HG-2D-60	<b>F</b> 5, 6, 7
BL-5705-03	<b>D</b> 50	BL-9505-01	<b>D</b> 54	EW-7611	<b>G</b> 4	HG-2D-60S	<b>F</b> 5, 6, 7
BL-5705-04	<b>D</b> 50	BL-9505-02	<b>D</b> 54	EW-7612	<b>G</b> 4	HG-2D-60-PS	<b>F</b> 8
BL-5705-08	<b>D</b> 50	BL-9515-01	<b>D</b> 54	EW-7612LH	<b>G</b> 4	HG-2D-60SK	<b>F</b> 5, 6, 7
BL-5705-09	<b>D</b> 50	BL-9515-02	<b>D</b> 54	EW-7656WC	<b>G</b> 5	HG-2D-72	<b>F</b> 5, 6, 7
BL-5707-01	<b>D</b> 51	BL-9515-03	<b>D</b> 54	EW-8904	<b>G</b> 5	HG-2D-72K	<b>F</b> 5, 6, 7
BL-5707-03	<b>D</b> 52	EB-0107	<b>E</b> 12	EW-9082	<b>G</b> 4	HG-2D-72S	<b>F</b> 5, 6, 7
BL-5707-04	<b>D</b> 51	EB-10K	<b>E</b> 12	EW-9095	<b>G</b> 5	HG-2D-72SK	<b>F</b> 5, 6, 7
BL-5707-05	<b>D</b> 57	EB-2322	<b>E</b> 5, 7, 28	EW-9201EF	<b>G</b> 5	HG-2E-24	<b>F</b> 5, 6, 7
BL-5707-10	<b>D</b> 57	EC-3100	<b>D</b> 7	EW-SP90	<b>G</b> 6	HG-2E-36	<b>F</b> 5, 6, 7
BL-5709-01	<b>D</b> 52	EC-3100-120X	<b>D</b> 7	EW-SP131	<b>G</b> 6	HG-2E-36K	<b>F</b> 5, 6, 7
BL-5709-02	<b>D</b> 52	EC-3100-HG	<b>D</b> 7, 11	EW-SP140	<b>G</b> 6	HG-2E-36S	<b>F</b> 5, 6, 7
BL-5709-04	<b>D</b> 52	EC-3100-LF22	<b>D</b> 7	EW-SP170	<b>G</b> 6	HG-2E-36SK	<b>F</b> 5, 6, 7
BL-5709-05	<b>D</b> 52	EC-3100-LN	<b>D</b> 7	EW-SP225	<b>G</b> 6	HG-2E-48	<b>F</b> 5, 6, 7
BL-5709-08	<b>D</b> 52	EC-3100-SM	<b>D</b> 9	EW-SP509	<b>G</b> 6	HG-2E-48K	<b>F</b> 5, 6, 7
BL-5709-09	<b>D</b> 52	EC-3100-SM-4DP	<b>D</b> 9	EZ-SWIVEL-CZ	<b>C</b> 6, <b>D</b> 64	HG-2E-48S	<b>F</b> 5, 6, 7
BL-5710-01	<b>D</b> 51	EC-3100-TMV	<b>D</b> 7, 9	EZ-SWIVEL-FM	<b>C</b> 6, <b>D</b> 64	HG-2E-48SK	<b>F</b> 5, 6, 7
BL-5710-03	<b>D</b> 51	EC-3100-VF05	<b>D</b> 7	G016636-45	<b>E</b> 15	HG-2E-60	<b>F</b> 5, 6, 7
BL-5710-07	<b>D</b> 51	EC-3101	<b>D</b> 7	G016637-45	<b>E</b> 15	HG-2E-60K	<b>F</b> 5, 6, 7
BL-5710-09	<b>D</b> 51	EC-3101-HG	<b>D</b> 7, 9	G016652-45	<b>E</b> 15	HG-2E-60S	<b>F</b> 5, 6, 7
BL-5715-01	<b>D</b> 51	EC-3101-LF22	<b>D</b> 7	G016737-45	<b>E</b> 15	HG-2E-72	<b>F</b> 5, 6, 7
BL-5715-02	<b>D</b> 51	EC-3101-LN	<b>D</b> 7	HG-2C-24	<b>F</b> 5, 6, 7	HG-2E-72K	<b>F</b> 5, 6, 7
BL-5715-08	<b>D</b> 51	EC-3101-TMV	<b>D</b> 7, 9	HG-2C-24K	<b>F</b> 5, 6, 7	HG-2E-72S	<b>F</b> 5, 6, 7
		I .		l .			



							<b>G</b> -9
Model No. Section	on & Page	Model No. Sect	ion & Page	Model No. Section	on & Page	Model No. Sec	tion & Page
HG-2F-24	<b>F</b> 5, 6, 7	HG-4D-60SK	<b>F</b> 5, 6, 7	HW-4B-36	<b>F</b> 10, 11	MV-2522-32	<b>E</b> 26
HG-2F-36	<b>F</b> 5, 6, 7	HG-4D-72	<b>F</b> 5, 6, 7	HW-4B-48	<b>F</b> 10, 11	MV-2522-33	<b>E</b> 26
HG-2F-48	<b>F</b> 5, 6, 7	HG-4D-72K	<b>F</b> 5, 6, 7	HW-4B-72	<b>F</b> 10, 11	MV-2522-34	<b>E</b> 26
HG-2F-48K	<b>F</b> 5, 6, 7	HG-4D-72S	<b>F</b> 5, 6, 7	HW-4B-72VB	<b>F</b> 10, 11	MV-2522-41	<b>E</b> 26
HG-2F-48SK	<b>F</b> 5, 6, 7	HG-4D-72SK	<b>F</b> 5, 6, 7	HW-4C-36	<b>F</b> 10, 11	MV-2522-42	<b>E</b> 26
HG-2F-60	<b>F</b> 5, 6, 7	HG-4E-24	<b>F</b> 5, 6, 7	HW-4C-48	<b>F</b> 10, 11	MV-2522-43	<b>E</b> 26
HG-2F-72	<b>F</b> 5, 6, 7	HG-4E-24SK	<b>F</b> 5, 6, 7	HW-4C-60	<b>F</b> 10, 11	MV-2522-44	<b>E</b> 26
HG-4C-24	<b>F</b> 5, 6, 7	HG-4E-36	<b>F</b> 5, 6, 7	HW-4C-72	<b>F</b> 10, 11	MV-3516-21	<b>E</b> 12, 26
HG-4C-36	<b>F</b> 5, 6, 7	HG-4E-36K	<b>F</b> 5, 6, 7	HW-4C-72VB	<b>F</b> 10, 11	MV-3516-22	<b>E</b> 12, 26
HG-4C-36K	<b>F</b> 5, 6, 7	HG-4E-36S	<b>F</b> 5, 6, 7	HW-4D-48	<b>F</b> 10, 11	MV-3516-23	<b>E</b> 12, 26
HG-4C-36S	<b>F</b> 5, 6, 7	HG-4E-36SK	<b>F</b> 5, 6, 7	HW-6C-36	<b>F</b> 10, 11	MV-3516-24	<b>E</b> 7, <b>E</b> 12, 26
HG-4C-36SK	<b>F</b> 5, 6, 7	HG-4E-48	<b>F</b> 5, 6, 7	HW-6C-48	<b>F</b> 10, 11	MV-3516-24-RK	<b>E</b> 12
HG-4C-48	<b>F</b> 5, 6, 7	HG-4E-48K	<b>F</b> 5, 6, 7	HW-6D-48	<b>F</b> 10, 11	MV-3516-25	<b>E</b> 12, 26
HG-4C-48K	<b>F</b> 5, 6, 7	HG-4E-48K-PS	<b>F</b> 8	MPY-2DCN-06	<b>A</b> 5	ORK1	<b>E</b> 16
HG-4C-48S	<b>F</b> 5, 6, 7	HG-4E-48S	<b>F</b> 5, 6, 7	MPZ-2DCN-06	<b>A</b> 5	ORK2	<b>E</b> 16
HG-4C-48-PS	<b>F</b> 8	HG-4E-48SK	<b>F</b> 5, 6, 7	MPZ-2DLN-06	<b>A</b> 5	ORK3	<b>E</b> 16
HG-4C-48K-PS	<b>F</b> 8	HG-4E-48SK-PS	<b>F</b> 8	MPZ-8WCN-06	<b>A</b> 5	ORK-SK	<b>E</b> 16
HG-4C-48SK	<b>F</b> 5, 6, 7	HG-4E-60	<b>F</b> 5, 6, 7	MPZ-8WLN-06	<b>A</b> 5	0CS6	<b>C</b> 5; <b>D</b> 62
HG-4C-48SK-PS	<b>F</b> 8	HG-4E-60K	<b>F</b> 5, 6, 7	MPZ-KIT-LN06	<b>A</b> 5	0CS8	<b>C</b> 5; <b>D</b> 62
HG-4C-60	<b>F</b> 5, 6, 7	HG-4E-60S	<b>F</b> 5, 6, 7	MPZ-KIT-LN06-CR	<b>A</b> 5	PA-B	<b>C</b> 7, <b>D</b> 65
HG-4C-60K	<b>F</b> 5, 6, 7	HG-4E-60SK	<b>F</b> 5, 6, 7	MV-0771-11CW	<b>E</b> 24	PA-C	<b>C</b> 7, <b>D</b> 65
HG-4C-60S	<b>F</b> 5, 6, 7	HG-4E-72	<b>F</b> 5, 6, 7	MV-0771-11NW	<b>E</b> 24	PA-H	<b>C</b> 7, <b>D</b> 65
HG-4C-60SK	<b>F</b> 5, 6, 7	HG-4E-72K	<b>F</b> 5, 6, 7	MV-0771-12C	<b>E</b> 24	POSI-SET™	<b>F</b> 6, 7, 8
HG-4C-72	<b>F</b> 5, 6, 7	HG-4E-72S	<b>F</b> 5, 6, 7	MV-0771-12CW	<b>E</b> 24	SQ-0092	<b>D</b> 42
HG-4C-72K	<b>F</b> 5, 6, 7	HG-4E-72SK	<b>F</b> 5, 6, 7	MV-0771-12N-BV	<b>E</b> 25	SQ-0093	<b>A</b> 38; <b>D</b> 42
HG-4C-72S	<b>F</b> 5, 6, 7	HG-4F-24	<b>F</b> 5, 6, 7	MV-0771-12N-BVT	<b>E</b> 25	SQ-0094	<b>D</b> 42
HG-4D-24	<b>F</b> 5, 6, 7	HG-4F-24SK	<b>F</b> 5, 6, 7	MV-0771-12NW	<b>E</b> 24	SQ-0095	<b>D</b> 42
HG-4D-24K	<b>F</b> 5, 6, 7	HG-4F-36	<b>F</b> 5, 6, 7	MV-0771-12R	<b>E</b> 24	SQ-0099	<b>D</b> 42
HG-4D-24S	<b>F</b> 5, 6, 7	HG-4F-36K	<b>F</b> 5, 6, 7	MV-1907-11	<b>E</b> 24	SQ-0100	<b>D</b> 42
HG-4D-24-PS	<b>F</b> 8	HG-4F-36S	<b>F</b> 5, 6, 7	MV-1907-11CW	<b>E</b> 25		
HG-4D-24SK	<b>F</b> 5, 6, 7	HG-4F-36SK	<b>F</b> 5, 6, 7	MV-1907-11CW-ER	<b>E</b> 25		
HG-4D-36	<b>F</b> 5, 6, 7	HG-4F-48	<b>F</b> 5, 6, 7	MV-1907-12	<b>E</b> 24		
HG-4D-36K	<b>F</b> 5, 6, 7	HG-4F-48K	<b>F</b> 5, 6, 7	MV-1907-12C	<b>E</b> 24		
HG-4D-36-PS	<b>F</b> 8	HG-4F-48S	<b>F</b> 5, 6, 7	MV-1907-12CW	<b>E</b> 25		
HG-4D-36K-PS	<b>F</b> 8	HG-4F-48SK	<b>F</b> 5, 6, 7	MV-2516	<b>E</b> 12, 26		
HG-4D-36SK-PS	<b>F</b> 8	HG-4F-60	<b>F</b> 5, 6, 7	MV-2516-21	<b>E</b> 26		
HG-4D-36S	<b>F</b> 5, 6, 7	HG-4F-60K	<b>F</b> 5, 6, 7	MV-2516-22	<b>E</b> 26		
HG-4D-36SK	<b>F</b> 5, 6, 7	HG-4F-60S	<b>F</b> 5, 6, 7	MV-2516-23	<b>E</b> 26		
HG-4D-48	<b>F</b> 5, 6, 7	HG-4F-60SK	<b>F</b> 5, 6, 7	MV-2516-24	<b>E</b> 26		
HG-4D-48K	<b>F</b> 5, 6, 7	HG-6D-48	<b>F</b> 5, 6, 7	MV-2516-31	<b>E</b> 26		
HG-4D-48-PS	<b>F</b> 8	HG-6D-72	<b>F</b> 5, 6, 7	MV-2516-32	<b>E</b> 26		
HG-4D-48K-PS	<b>F</b> 8	HG-SD-36	<b>F</b> 5, 6, 7	MV-2516-33	<b>E</b> 26		
HG-4D-48S	<b>F</b> 5, 6, 7	HG-SD-48	<b>F</b> 5, 6, 7	MV-2516-34	<b>E</b> 26		
HG-4D-48S-PS	<b>F</b> 8	HW-2B-24	<b>F</b> 10, 11	MV-2516-41	<b>E</b> 26		
HG-4D-48SEL-PS	<b>F</b> 8	HW-2B-36	<b>F</b> 10, 11	MV-2516-42	<b>E</b> 26		
HG-4D-48SK	<b>F</b> 5, 6, 7	HW-2B-48	<b>F</b> 10, 11	MV-2516-43	<b>E</b> 26		
HG-4D-48SK-PS	<b>F</b> 8	HW-2B-72	<b>F</b> 10, 11	MV-2516-44	<b>E</b> 26		
HG-4D-60	<b>F</b> 5, 6, 7	HW-2C-36	<b>F</b> 10, 11	MV-2522	<b>E</b> 12, 26		
HG-4D-60K	<b>F</b> 5, 6, 7	HW-2C-48	<b>F</b> 10, 11	MV-2522-21	<b>E</b> 26		
HG-4D-60-PS	<b>F</b> 8	HW-2C-60	<b>F</b> 10, 11	MV-2522-22	<b>E</b> 26		
HG-4D-60S	<b>F</b> 5, 6, 7	HW-2C-72	<b>F</b> 10, 11	MV-2522-23	<b>E</b> 26		
HG-4D-60S-PS	<b>F</b> 8	HW-2D-48	<b>F</b> 10, 11	MV-2522-24	<b>E</b> 26		
HG-4D-60SK-PS	<b>F</b> 8	HW-4B-24	<b>F</b> 10, 11	MV-2522-31	<b>E</b> 26		

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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.

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#### **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

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**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.





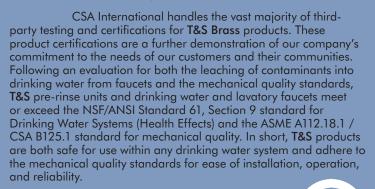
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As a leader in quality manufacturing, **T&S Brass** proudly displays certificates that demonstrate that we have met the stringent standards developed by the International Standardization Organization (ISO), ASME International, NSF International and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

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<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.



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#### 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 Coat 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 5046 2618

European Sales Representative

Versele Global • 10B, 8530 Harelbeke-Stasegem • Belgium

Phone + 32 5624 5800







