



Tru-Temp Mixing Valve w/Round Trim

Model # 3001-RIV-PB-BG, 3001-RIV-PB-BN, 3001-RIV-PB-CH,
3001-RIV-PB-MB, & 3001-RIV-PB-ORB

Specification Sheet

297 Anna St. | Watsonville, CA 95076
831.724.7300
www.PulseShowerSpas.com



TECHNICAL INFORMATION

- Finishes: Brushed Gold, Brushed Nickel, Chrome, Matte Black, or Oil-Rubbed Bronze
- Fixtures: Brushed Gold, Brushed Nickel, Chrome, Matte Black, or Oil-Rubbed Bronze
- Connection: 1/2" Universal NPT & Direct sweat inlets & outlets

PRODUCT FEATURES

- Durable body ideal for prolonged contact with water
- Includes plaster guard to be used as guide during installation
- Includes tub spout cap
- Durable ceramic disc cartridge
- Ensure consistent water temperature to prevent scalding

NOTES

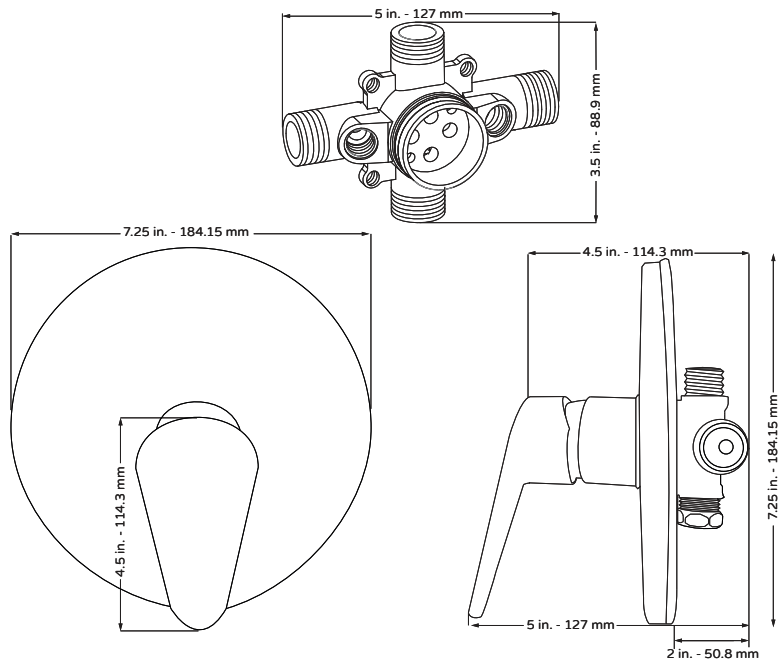
- Measure your actual product for rough-in details
- Install this product according to the installation instructions

CODE/STANDARDS

- cUPC Approved

WARRANTY

- Lifetime Limited Warranty



IAPMO RESEARCH AND TESTING, INC.

5001 E. Philadelphia Street, Ontario, CA 91761 • Phone (909) 472-4100 • Fax (909) 472-4244 • www.iapmort.org



IAPMO R&T Product Listing



This IAPMO R&T Listing is current as of May 8, 2025

File Number:

8980

Issued To:

TAIZHOU JINQUAN COPPER INCORPORATED COMPANY

NO.7 CHAOYANG ROAD, CHUMEN, YUHUAN TAIZHOU , ZHEJIANG, CHINA

Product:

Plumbing Fixture Fittings

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC®)
National Plumbing Code of Canada
National Standard Plumbing Code

Products are certified to the following standard(s)

ASME A112.18.1-2018/CSA B125.1-18
NSF/ANSI 14-2021

**IAPMO RESEARCH AND TESTING, INC.
CERTIFICATE OF LISTING**



Issued To: TAIZHOU JINQUAN COPPER INCORPORATED COMPANY

File Number: 8980

Product: Plumbing Fixture Fittings

This IAPMO R&T Listing is current as of May 8, 2025

Identification:

Plumbing supply fittings shall be marked with the manufacturer's recognized name, trademark, or other mark or, in the case of private labeling, the name, trademark or other mark of the customer for whom the fitting was manufactured. The marking shall be accomplished by use of a permanent mark or by placing a permanent label on the product. Markings on plumbing supply fittings shall be visible after installation.

Showerheads and hand-held showers shall be marked with the manufacturer's specified maximum flow rate, in L/min and gpm.

Kitchen, lavatory, and metering faucets shall be marked with the manufacturer's specified maximum flow rate, in L/min and gpm or L/cycle and gpc.

Single-handle and single-control bath and shower mixing valves shall have their temperature control settings identified alphabetically, numerically, or graphically.

High-efficiency commercial pre-rinse spray valves shall be marked with the manufacturer's specified maximum flow rate, in L/min (gpm).

Listed products shall bear the cUPC® certification mark.

Packaging for plumbing supply fittings shall be marked with the manufacturer's name, trademark, or other mark as well as the model number or, in the case of private labeling, the name, trademark, or mark of the customer for whom the fitting was manufactured as well as the model number.

Packaging for showerheads and hand-held showers shall be marked with the manufacturer's specified maximum flow rate and either the manufacturer's specified minimum flow rate or the statement "For use with automatic compensating valves rated at xxx L/min (yyy gpm) or less", where xxx L/min (yyy gpm) is the manufacturer's specified minimum flow rate.

Packaging for kitchen, lavatory, and metering faucets shall be marked with the manufacturer's specified maximum flow rate, in L/min and gpm or L/cycle and gpc.

Characteristics:

Fittings may include lavatory, sink, bath & shower, lawn and sediment faucets. Plumbing fixture fittings to be installed in accordance with the manufacturer's instructions and the requirements of the latest edition of the Uniform Plumbing Code and National Plumbing Code of Canada.

Products listed on this certificate have been tested by an IAPMO R&T recognized laboratory. This recognition has been granted based upon the laboratory's compliance to the applicable requirements of ISO/IEC 17025.

Models

| Model Number | Description |
|--------------|---|
| JQ51001 | Washing Machine Outlet Valves, 1/4 Turn, MIP / F.Sweat 1/2", 3/4"NH |
| JQ51002 | Washing Machine Outlet Valves, 1/4 Turn, MIP / M.Sweat 1/2", 3/4"NH |
| JQ51003 | Washing Machine Outlet Valves, 1/4 Turn, Male CPVC 1/2", 3/4"NH |
| JQ51004 | Washing Machine Outlet Valves, 1/4 Turn, PEX F1807 1/2", 3/4"NH |
| JQ51004-F | Washing Machine Outlet Valves, 1/4 Turn, PEX F1960 1/2", 3/4"NH |
| JQ51004-P | Washing Machine Outlet Valves, 1/4 Turn, P.F 1/2", 3/4"NH |

| Model Number | Description |
|--------------|--|
| JQ51005 | Washing Machine Outlet Valves, 1/4 Turn, Male CPVC 1/2", 1/4" O.D |
| JQ51006 | Washing Machine Outlet Valves, 1/4 Turn, MIP /F.Sweat 1/2", 1/4" O.D |
| JQ51007 | Washing Machine Outlet Valves, 1/4 Turn, PEX F1807 1/2", 1/4" O.D |
| JQ51007-F | Washing Machine Outlet Valves, 1/4 Turn, PEX F1960 1/2", 1/4" O.D |
| JQ51007-P | Washing Machine Outlet Valves, 1/4 Turn, P.F 1/2", 1/4" O.D |
| JQ51008 | Washing Machine Outlet Valves, 1/4 Turn, Male CPVC 1/2", 3/8" O.D |
| JQ51009 | Washing Machine Outlet Valves, 1/4 Turn, MIP /F.Sweat 1/2", 3/8" O.D |
| JQ51010 | Washing Machine Outlet Valves, 1/4 Turn, PEX F1807 1/2", 3/8" O.D |
| JQ51010-F | Washing Machine Outlet Valves, 1/4 Turn, PEX F1960 1/2", 3/8" O.D |
| JQ51010-P | Washing Machine Outlet Valves, 1/4 Turn, P.F 1/2", 3/8" O.D |
| JQ62904 | 1/4" O.D.COMP × 1/2" PEX - 1/4 Turn Stop Valves - ANGLE |
| JQ62905 | 1/4" O.D.COMP × 1/2" PEX - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62906 | 3/8" O.D.COMP × 1/2" PEX - 1/4 Turn Stop Valves - ANGLE |
| JQ62907 | 3/8" O.D.COMP × 1/2" PEX - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62908 | 1/2" O.D.COMP × 1/2" PEX - 1/4 Turn Stop Valves - ANGLE |
| JQ62909 | 1/2" O.D.COMP × 1/2" PEX - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62910 | 5/8" O.D.COMP × 1/2" PEX - 1/4 Turn Stop Valves - ANGLE |
| JQ62911 | 5/8" O.D.COMP × 1/2" PEX - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62921 | 3/8" O.D.COMP × 5/8" O.D.COMP - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62922 | 3/8" O.D.COMP × 5/8" O.D.COMP - 1/4 Turn Stop Valves - ANGLE |
| JQ62923 | 5/8" O.D.COMP × 5/8" O.D.COMP - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62924 | 5/8" O.D.COMP × 5/8" O.D.COMP - 1/4 Turn Stop Valves - ANGLE |
| JQ62925 | 3/8" O.D.COMP × 3/8" O.D.COMP - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62926 | 3/8" O.D.COMP × 3/8" O.D.COMP - 1/4 Turn Stop Valves - ANGLE |
| JQ62928 | STOP VALVE, 1/4-TURN ANGLE, 1/2" COMP × 3/8" OD, CR |
| JQ62950 | 3/8" O.D.COMP × 3/8" FNPT - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62951 | 3/8" O.D.COMP × 3/8" FNPT - 1/4 Turn Stop Valves - ANGLE |
| JQ62952 | 3/8" O.D.COMP × 1/2" FNPT - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62953 | 3/8" O.D.COMP × 1/2" FNPT - 1/4 Turn Stop Valves - ANGLE |
| JQ62960 | 3/8" O.D.COMP × 1/2" CPVC - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62961 | 3/8" O.D.COMP × 1/2" CPVC - 1/4 Turn Stop Valves - ANGLE |
| JQ62970 | 3/8" O.D.COMP × 1/2" SWT - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62971 | 3/8" O.D.COMP × 1/2" SWT - 1/4 Turn Stop Valves - ANGLE |
| JQ62972 | 1/2" SWT × 1/2" SWT - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62973 | 1/2" SWT × 1/2" SWT - 1/4 Turn Stop Valves - ANGLE |
| JQ62980 | 3/8" O.D.COMP × 3/8" FEM - 1/4 Turn Stop Valves - STRAIGHT |
| JQ62981 | 3/8" O.D.COMP × 3/8" FEM - 1/4 Turn Stop Valves - ANGLE |
| JQ63000 | 1/2" PEX × 1/2" PEX - 1/4 Turn Stop Valves - ANGLE |
| JQ63001 | 1/2" PEX × 1/2" PEX - 1/4 Turn Stop Valves - STRAIGHT |
| JQ63101 | Angle valve , 1/4 Turn, 1/2" P.F × 1/4" O.D, Comp |
| JQ63102 | Straight valve 1/4 Turn, 1/2" P.F × 1/4" O.D, Comp |
| JQ63103 | Angle valve , 1/4 Turn, 1/2" P.F × 3/8" O.D, Comp |

| Model Number | Description |
|--------------|--|
| JQ63104 | Straight, valve 1/4 Turn, 1/2" P.F x 3/8" O.D, Comp |
| JQ63105 | Angle valve , 1/4 Turn, 1/2" P.F x 1/2" O.D, Comp |
| JQ63106 | Straight valve, 1/4 Turn, 1/2" P.F x 1/2" O.D, Comp |
| JQ63107 | Angle valve , 1/4 Turn, 1/2" P.F x 1/2" P.F |
| JQ63108 | Straight valves 1/4 Turn, 1/2" P.F x 1/2" P.F |
| JQ63109 | 1/2"x1/2"x1/4OD push fit tee stop valve |
| JQ63110 | 1/2"x1/2"x3/8OD push fit tee stop valve |
| JQ63112 | 3/4 in. Push-to-Connect x 3/4 in. Push-to-Connect x 1/4 in. Compression Service Stop Tee |
| JQ63120 | 1/2"x1/2"x1/8 push fit tee stop valve |
| JQ63121 | 1/2"x1/2"x1/4 push fit tee stop valve |
| JQ63122 | 1/2"x1/2"x3/8 push fit tee stop valve |
| JQ64101 | 5/8" O.D.COMP x 1/2" PEX - Multi-turn Stop Valves - ANGLE |
| JQ64102 | 1/2" O.D.COMP x 1/2" PEX - Multi-turn Stop Valves - ANGLE |
| JQ64103 | 3/8" O.D.COMP x 1/2" PEX - Multi-turn Stop Valves - ANGLE |
| JQ64104 | 1/4" O.D.COMP x 1/2" PEX - Multi-turn Stop Valves - ANGLE |
| JQ64105 | 5/8" O.D.COMP x 1/2" PEX - Multi-turn Stop Valves - STRAIGHT |
| JQ64106 | 1/2" O.D.COMP x 1/2" PEX - Multi-turn Stop Valves - STRAIGHT |
| JQ64107 | 3/8" O.D.COMP x 1/2" PEX - Multi-turn Stop Valves - STRAIGHT |
| JQ64108 | 1/4" O.D.COMP x 1/2" PEX - Multi-turn Stop Valves - STRAIGHT |
| JQ64111 | 1/2" O.D.COMP x 5/8" O.D.COMP - Multi-turn Stop Valves - ANGLE |
| JQ64112 | 3/8" O.D.COMP x 5/8" O.D.COMP - Multi-turn Stop Valves - ANGLE |
| JQ64113 | 1/4" O.D.COMP x 5/8" O.D.COMP - Multi-turn Stop Valves - ANGLE |
| JQ65101 | 1/2" O.D.COMP x 1/2" O.D.COMP x 5/8" O.D.COMP Multi-turn 3-Way Stop Valves—ANGLE |
| JQ65102 | 3/8" O.D.COMP x 3/8" O.D.COMP x 5/8" O.D.COMP Multi-turn 3-Way Stop Valves—ANGLE |
| JQ65103 | 1/4" O.D.COMP x 1/4" O.D.COMP x 5/8" O.D.COMP Multi-turn 3-Way Stop Valves—ANGLE |
| JQ65107 | MultiTurn DualAngle Stop 1/2 x 3/8 x3/8C |
| JQ65108 | STOP VALVE,DUAL ANGLE,MULTI-TURN, 1/2"COMPx3/8"x1/4"OD COMP |
| JQ65109 | 1/4 Turn dual Stop 1/2 x 3/8 x3/8C |
| JQ65110 | 1/2PEX*1/2PEX*1/4OD |
| JQ65111 | 1/2PEX*1/2PEX*3/8OD |
| JQ65112 | 1/2PEX*1/2PEX*1/2OD |
| JQ65201 | 1/4 Turn Angle Stop, 5/8"ODx3/8"ODx3/8"OD |
| JQ65202 | 1/4 Turn Angle stop, 5/8"ODx3/8"ODx1/4"OD |
| JQ65203 | 1/4 Turn Angle stop, 5/8"ODx1/4"ODx1/4"OD |
| JQ65204 | 1/4 Turn Angle stop, 5/8"ODx1/2"ODx1/2"OD |
| JQ65205 | 1/4 Turn Angle stop, 5/8"ODx1/2"ODx3/8"OD |
| JQ65206 | 1/4 Turn Angle stop, 1/2"ODx3/8"ODx3/8"OD |
| JQ65207 | 1/4 Turn Angle stop, 1/2"ODx3/8"ODx1/4"OD |
| JQ65208 | 1/4 Turn Angle stop, 1/2"ODx1/4"ODx1/4"OD |
| JQ65209 | 1/4 Turn Angle stop, 1/2"PFx3/8"ODx3/8"OD |
| JQ65210 | 1/4 Turn Angle stop, 1/2"PFx3/8"ODx1/4"OD |
| JQ65211 | 1/4 Turn Angle stop, 1/2"PFx1/4"ODx1/4"OD |

| Model Number | Description |
|--------------|---|
| JQ65212 | 1/4 Turn Angle stop, 1/2"PFx3/8"PFx3/8"PF |
| JQ65213 | 1/4 Turn Angle stop, 1/2"PFx1/4"PFx1/4"PF |
| JQ65215 | F1960 PEX 1/4 Turn Angle stop, 1/2"PEXx3/8"ODx3/8"OD |
| JQ65216 | F1960 PEX 1/4 Turn Angle stop, 1/2"PEXx3/8"ODx1/4"OD |
| JQ65217 | F1960 PEX 1/4 Turn Angle stop, 1/2"PEXx1/4"ODx1/4"OD |
| JQ65218 | F1807 PEX 1/4 Turn Angle stop, 1/2"PEXx3/8"ODx3/8"OD |
| JQ65219 | F1807 PEX 1/4 Turn Angle stop, 1/2"PEXx3/8"ODx1/4"OD |
| JQ65220 | F1807 PEX 1/4 Turn Angle stop, 1/2"PEXx1/4"ODx1/4"OD |
| JQ65221 | 1/4 Turn Angle Stop, 5/8"ODx3/8"ODx3/8"OD |
| JQ65222 | 1/4 Turn Angle stop, 5/8"ODx3/8"ODx1/4"OD |
| JQ65223 | 1/4 Turn Angle stop, 5/8"ODx1/4"ODx1/4"OD |
| JQ65224 | 1/4 Turn Angle stop, 5/8"ODx1/2"ODx1/2"OD |
| JQ65225 | 1/4 Turn Angle stop, 5/8"ODx1/2"ODx3/8"OD |
| JQ65226 | 1/4 Turn Angle stop, 1/2"ODx3/8"ODx3/8"OD |
| JQ65227 | 1/4 Turn Angle stop, 1/2"ODx3/8"ODx1/4"OD |
| JQ65228 | 1/4 Turn Angle stop, 1/2"ODx1/4"ODx1/4"OD |
| JQ65229 | 1/4 Turn Angle stop, 1/2"PFx3/8"ODx3/8"OD |
| JQ65230 | 1/4 Turn Angle stop, 1/2"PFx3/8"ODx1/4"OD |
| JQ65231 | 1/4 Turn Angle stop, 1/2"PFx1/4"ODx1/4"OD |
| JQ65232 | 1/4 Turn Angle stop, 1/2"PFx3/8"PFx3/8"PF |
| JQ65233 | 1/4 Turn Angle stop, 1/2"PFx1/4"PFx1/4"PF |
| JQ65235 | F1960 PEX 1/4 Turn Angle stop, 1/2"PEXx3/8"ODx3/8"OD |
| JQ65236 | F1960 PEX 1/4 Turn Angle stop, 1/2"PEXx3/8"ODx1/4"OD |
| JQ65237 | F1960 PEX 1/4 Turn Angle stop, 1/2"PEXx1/4"ODx1/4"OD |
| JQ65238 | F1807 PEX 1/4 Turn Angle stop, 1/2"PEXx3/8"ODx3/8"OD |
| JQ65239 | F1807 PEX 1/4 Turn Angle stop, 1/2"PEXx3/8"ODx1/4"OD |
| JQ65240 | F1807 PEX 1/4 Turn Angle stop, 1/2"PEXx1/4"ODx1/4"OD |
| JQ65241 | 5/8" OD Comp (1/2" Nom) x 3/8" Comp - Loose Key 1/4 turn angle stop |
| JQ65242 | 1/2" FIP x 1/4" OD Comp 1/4 turn angle stop |
| JQ65243 | 1/2" FIP x 7/16" OD or 1/2" Slip Joint 1/4 turn angle stop |
| JQ65244 | 5/8" OD Comp (1/2" Nom) x 1/4" OD 1/4 turn angle stop |
| JQ65245 | 5/8" OD Comp (1/2" Nom) x 1/2" OD 1/4 turn angle stop |
| JQ65246 | 5/8" OD Comp (1/2" Nom) x 7/16" or 1/2" Slip Joint 1/4 turn angle stop |
| JQ65247 | 1/2" Nom Sweat x 3/8" OD Comp W/ 5" Extension Tube 1/4 turn angle stop |
| JQ65248 | 1/2" Nom Sweat x 3/8" OD Comp W/ 5" Extension Tube 1/4 turn straight stop |
| JQ65249 | 5/8" OD Comp (1/2" Nom) x 1/4" OD Comp 1/4 turn straight stop |
| JQ65250 | 5/8" OD Comp (1/2" Nom) x 3/8" OD Comp x 3/8" OD Comp 3 way |
| JQ65251 | 5/8" OD Comp (1/2" Nom) x 3/8" OD Comp x 1/4" OD Comp 3 way |
| JQ65252 | 1/2" FIP x 3/8" OD Comp x 1/4" OD Comp 3 way |
| JQ66108 | F1960 PEX 1/4 Turn Angle stop, 1/2"PEXx1/2"PEX |
| JQ66109 | F1960 PEX 1/4 Turn Angle stop, 1/2"PEXx1/4"OD |
| JQ66110 | F1960 PEX 1/4 Turn Angle stop, 1/2"PEXx3/8"OD |

| Model Number | Description |
|--------------|---|
| JQ66111 | F1960 PEX 1/4 Turn Angle stop, 1/2" PEX x 1/2" OD |
| JQ66112 | F1960 PEX 1/4 Turn Angle stop, 1/2" PEX x 1/2" PEX |
| JQ66113 | F1960 PEX 1/4 Turn Angle stop, 1/2" PEX x 1/4" OD |
| JQ66114 | F1960 PEX 1/4 Turn Angle stop, 1/2" PEX x 3/8" OD |
| JQ66115 | F1960 PEX 1/4 Turn Angle stop, 1/2" PEX x 1/2" OD |
| JQ66116 | F1960 PEX 1/4 Turn Angle stop, 1/2" PEX x 3/8" FIP |
| JQ66117 | F1960 PEX 1/4 Turn Angle stop, 1/2" PEX x 1/2" FIP |
| JQ66118 | F1960 PEX 1/4 Turn Angle stop, 1/2" PEX x 1/2" FSweat |
| JQ73001-12 | 7/8" Ballcock x 1/2" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ73001-18 | 7/8" Ballcock x 1/2" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - ANGLE |
| JQ73002-12 | 7/8" Ballcock x 3/8" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ73002-18 | 7/8" Ballcock x 3/8" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - ANGLE |
| JQ73003-12 | 7/8" Ballcock x 1/4" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ73003-18 | 7/8" Ballcock x 1/4" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - ANGLE |
| JQ73004-12 | 1/2" FIP x 1/2" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ73004-18 | 1/2" FIP x 1/2" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - ANGLE |
| JQ73005-12 | 1/2" FIP x 3/8" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ73005-18 | 1/2" FIP x 3/8" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - ANGLE |
| JQ73006-12 | 1/2" FIP x 1/4" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ73006-18 | 1/2" FIP x 1/4" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - ANGLE |
| JQ73007-12 | 7/8" Ballcock x 1/2" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - STRAIGHT |
| JQ73007-18 | 7/8" Ballcock x 1/2" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - STRAIGHT |
| JQ73008-12 | 7/8" Ballcock x 3/8" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - STRAIGHT |
| JQ73008-18 | 7/8" Ballcock x 3/8" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - STRAIGHT |
| JQ73009-12 | 7/8" Ballcock x 1/4" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - STRAIGHT |
| JQ73009-18 | 7/8" Ballcock x 1/4" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - STRAIGHT |
| JQ73010-12 | 1/2" FIP x 1/2" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - STRAIGHT |
| JQ73010-18 | 1/2" FIP x 1/2" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - STRAIGHT |
| JQ73011-12 | 1/2" FIP x 3/8" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - STRAIGHT |
| JQ73011-18 | 1/2" FIP x 3/8" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - STRAIGHT |
| JQ73012-12 | 1/2" FIP x 1/4" O.D.COMP - 1/4 Turn Stop Valves With 12" Hose - STRAIGHT |
| JQ73012-18 | 1/2" FIP x 1/4" O.D.COMP - 1/4 Turn Stop Valves With 18" Hose - STRAIGHT |
| JQ74001-12 | 7/8" Ballcock x 1/2" PEX - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ74001-18 | 7/8" Ballcock x 1/2" PEX - 1/4 Turn Stop Valves With 18" Hose - ANGLE |
| JQ74002-12 | 1/2" FIP x 1/2" PEX - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ74002-18 | 1/2" FIP x 1/2" PEX - 1/4 Turn Stop Valves With 18" Hose - ANGLE |
| JQ74003-12 | 7/8" Ballcock x 1/2" PEX - 1/4 Turn Stop Valves with 12" Hose - STRAIGHT |
| JQ74003-18 | 7/8" Ballcock x 1/2" PEX - 1/4 Turn Stop Valves with 18" Hose - STRAIGHT |
| JQ74004-12 | 1/2" FIP x 1/2" PEX - 1/4 Turn Stop Valves with 12" Hose - STRAIGHT |
| JQ74004-18 | 1/2" FIP x 1/2" PEX - 1/4 Turn Stop Valves with 18" Hose - STRAIGHT |
| JQ75001-12 | 7/8" Ballcock x 1/2" Push Fit - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ75001-18 | 7/8" Ballcock x 1/2" Push Fit - 1/4 Turn Stop Valves With 18" Hose - ANGLE |

| Model Number | Description |
|--------------|---|
| JQ75002-12 | 1/2" FIP × 1/2" Push Fit - 1/4 Turn Stop Valves With 12" Hose - ANGLE |
| JQ75002-18 | 1/2" FIP × 1/2" Push Fit - 1/4 Turn Stop Valves With 18" Hose - ANGLE |
| JQ75002-24 | 1/2" FIP × 1/2" Push Fit - 1/4 Turn Stop Valves With 24" Hose - ANGLE |
| JQ75003-12 | 7/8" Ballcock × 1/2" Push Fit - 1/4 Turn Stop Valves With 12" Hose - STRAIGHT |
| JQ75003-18 | 7/8" Ballcock × 1/2" Push Fit - 1/4 Turn Stop Valves With 18" Hose - STRAIGHT |
| JQ75004-12 | 1/2" FIP × 1/2" Push Fit - 1/4 Turn Stop Valves With 12" Hose - STRAIGHT |
| JQ75004-18 | 1/2" FIP × 1/2" Push Fit - 1/4 Turn Stop Valves With 18" Hose - STRAIGHT |
| JQ75004-24 | 1/2" FIP × 1/2" Push Fit - 1/4 Turn Stop Valves With 24" Hose - STRAIGHT |
| JQ76001-12 | 7/8" Ballcock × 1/2" O.D.COMP - Multi-turn Stop Valves With 12" Hose - ANGLE |
| JQ76001-18 | 7/8" Ballcock × 1/2" O.D.COMP - Multi-turn Stop Valves With 18" Hose - ANGLE |
| JQ76002-12 | 7/8" Ballcock × 3/8" O.D.COMP - Multi-turn Stop Valves With 12" Hose - ANGLE |
| JQ76002-18 | 7/8" Ballcock × 3/8" O.D.COMP - Multi-turn Stop Valves With 18" Hose - ANGLE |
| JQ76003-12 | 7/8" Ballcock × 1/4" O.D.COMP - Multi-turn Stop Valves With 12" Hose - ANGLE |
| JQ76003-18 | 7/8" Ballcock × 1/4" O.D.COMP - Multi-turn Stop Valves With 18" Hose - ANGLE |
| JQ76004-12 | 1/2" FIP × 1/2" O.D.COMP - Multi-turn Stop Valves With 12" Hose - ANGLE |
| JQ76004-18 | 1/2" FIP × 1/2" O.D.COMP - Multi-turn Stop Valves With 18" Hose - ANGLE |
| JQ76005-12 | 1/2" FIP × 3/8" O.D.COMP - Multi-turn Stop Valves With 12" Hose - ANGLE |
| JQ76005-18 | 1/2" FIP × 3/8" O.D.COMP - Multi-turn Stop Valves With 18" Hose - ANGLE |
| JQ76006-12 | 1/2" FIP × 1/4" O.D.COMP - Multi-turn Stop Valves With 12" Hose - ANGLE |
| JQ76006-18 | 1/2" FIP × 1/4" O.D.COMP - Multi-turn Stop Valves With 18" Hose - ANGLE |
| JQ76007-12 | 7/8" Ballcock × 1/2" O.D.COMP - Multi-turn Stop Valves With 12" Hose - STRAIGHT |
| JQ76007-18 | 7/8" Ballcock × 1/2" O.D.COMP - Multi-turn Stop Valves With 18" Hose - STRAIGHT |
| JQ76008-12 | 7/8" Ballcock × 3/8" O.D.COMP - Multi-turn Stop Valves With 12" Hose - STRAIGHT |
| JQ76008-18 | 7/8" Ballcock × 3/8" O.D.COMP - Multi-turn Stop Valves With 18" Hose - STRAIGHT |
| JQ76009-12 | 7/8" Ballcock × 1/4" O.D.COMP - Multi-turn Stop Valves With 12" Hose - STRAIGHT |
| JQ76009-18 | 7/8" Ballcock × 1/4" O.D.COMP - Multi-turn Stop Valves With 18" Hose - STRAIGHT |
| JQ76010-12 | 1/2" FIP × 1/2" O.D.COMP - Multi-turn Stop Valves With 12" Hose - STRAIGHT |
| JQ76010-18 | 1/2" FIP × 1/2" O.D.COMP - Multi-turn Stop Valves With 18" Hose - STRAIGHT |
| JQ76011-12 | 1/2" FIP × 3/8" O.D.COMP - Multi-turn Stop Valves With 12" Hose - STRAIGHT |
| JQ76011-18 | 1/2" FIP × 3/8" O.D.COMP - Multi-turn Stop Valves With 18" Hose - STRAIGHT |
| JQ76012-12 | 1/2" FIP × 1/4" O.D.COMP - Multi-turn Stop Valves With 12" Hose - STRAIGHT |
| JQ76012-18 | 1/2" FIP × 1/4" O.D.COMP - Multi-turn Stop Valves With 18" Hose - STRAIGHT |
| JQ77001-12 | 7/8" Ballcock × 1/2" PEX - Multi-turn Stop Valves With 12" Hose - ANGLE |
| JQ77001-18 | 7/8" Ballcock × 1/2" PEX - Multi-turn Stop Valves With 18" Hose - ANGLE |
| JQ77002-12 | 1/2" FIP × 1/2" PEX - Multi-turn Stop Valves With 12" Hose - ANGLE |
| JQ77002-18 | 1/2" FIP × 1/2" PEX - Multi-turn Stop Valves With 18" Hose - ANGLE |
| JQ77003-12 | 7/8" Ballcock × 1/2" PEX - Multi-turn Stop Valves With 12" Hose - STRAIGHT |
| JQ77003-18 | 7/8" Ballcock × 1/2" PEX - Multi-turn Stop Valves With 18" Hose - STRAIGHT |
| JQ77004-12 | 1/2" FIP × 1/2" PEX - Multi-turn Stop Valves With 12" Hose - STRAIGHT |
| JQ77004-18 | 1/2" FIP × 1/2" PEX - Multi-turn Stop Valves With 18" Hose — STRAIGHT |

| Model Number | Description |
|--------------|--|
| JQ85205 | Thread Pressure Balanced Universal Mixing Valve, 1/2"MIPx1/2MIP"x1/2"MIPx1/2"MIP |
| JQ85206 | Thread Pressure Balanced Universal Mixing Valve, 1/2"FSweatx1/2"FSweatx1/2"FSweatx1/2"FSweat |
| JQ85207 | Thread Pressure Balanced Universal Mixing Valve, 1/2"MSweatx1/2"MSweatx1/2"MSweatx1/2"MSweat |
| JQ85208 | P.F Pressure Balanced Universal Mixing Valve, 1/2"PFx1/2PF"x1/2"MIPx1/2"MIP |
| JQ85209 | PEX F1807 Pressure Balanced Universal Mixing Valve, 1/2"PEXx1/2PEx1/2"MIPx1/2"MIP |
| JQ85210 | PEX F1807 Pressure Balanced Universal Mixing Valve, 1/2"PEXx1/2PEx1/2"FSweatx1/2"FSweat |
| JQ85211 | PEX F1960 Pressure Balanced Universal Mixing Valve, 1/2"PEXx1/2PEXx1/2"MIPx1/2"MIP |
| JQ85212 | PEX F1960 Pressure Balanced Universal Mixing Valve, 1/2"PEXx1/2PEXx1/2"FSweatx1/2"FSweat |
| JQ85213 | Thread Pressure Balanced Universal Mixing Valve, 1/2"FIPx1/2FIP"x1/2"MIPx1/2"MIP |
| JQ63101-K | 1/4-Turn Press Angle Stop 1/2" Press x 1/4" OD Com. |
| JQ63103-K | 1/4-Turn Press Angle Stop 1/2" Press x 3/8" OD Com. |
| JQ63105-K | 1/4-Turn Press Angle Stop 1/2" Press x 1/2" OD Com. |
| JQ63121-K | 1/4-Turn Press Angle Stop 1/2" Press x 5/8" OD Com. |
| JQ63122-K | 1/4-Turn Press Angle Stop 1/2" Press x 1/2" PEX F1807 |
| JQ63123-K | 1/4-Turn Press Angle Stop 1/2" Press x 1/2" PEX F1960 |
| JQ63107-K | 1/4-Turn Press Angle Stop 1/2" Press x 1/2" PF |
| JQ63124-K | 1/4-Turn Press Angle Stop 1/2" Press x 1/2" MNPT |
| JQ63102-K | 1/4-Turn Press Straight Stop 1/2"Press x 1/4" OD Com. |
| JQ63104-K | 1/4-Turn Press Straight Stop 1/2"Press x 3/8" OD Com. |
| JQ63106-K | 1/4-Turn Press Straight Stop 1/2"Press x 1/2" OD Com. |
| JQ63125-K | 1/4-Turn Press Straight Stop 1/2"Press x 5/8" OD Com. |
| JQ63126-K | 1/4-Turn Press Straight Stop 1/2"Press x 1/2" PEX F1807 |
| JQ63127-K | 1/4-Turn Press Straight Stop 1/2"Press x 1/2" PEX F1960 |
| JQ63108-K | 1/4-Turn Press Straight Stop 1/2"Press x 1/2" PF |
| JQ63128-K | 1/4-Turn Press Straight Stop 1/2"Press x 1/2" MNPT |
| JQ63129-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 1/4" OD Com x 1/4" OD Com. |
| JQ63130-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 3/8" OD Com x 3/8" OD Com. |
| JQ63131-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 3/8" OD Com x 1/4" OD Com. |
| JQ63132-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 1/2" OD Com x 1/2" OD Com. |
| JQ63133-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 5/8" OD Com x 5/8" OD Com. |
| JQ63134-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 1/2" PEX F1807 x 1/2" PEX F1807 |
| JQ63135-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 1/2" PEX F1960 x 1/2" PEX F1960 |
| JQ63136-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 1/2" Press x 1/4" OD Com. |
| JQ63137-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 1/2" Press x 3/8" OD Com. |
| JQ63138-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 1/2" Press x 5/8" OD Com. |
| JQ63139-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 1/2" Press x 1/2" PEX F1807 |
| JQ63140-K | 1/4 Turn Press Dual Angle Stop Valve 1/2" Press x 1/2" Press x 1/2" PEX F1960 |
| JQ51004-K | Washing Machine Outlet Valves, 1/4 Turn, Press 1/2", 3/4"NH |
| JQ51007-K | Washing Machine Outlet Valves, 1/4 Turn, Press 1/2", 1/4" OD Com. |
| JQ51010-K | Washing Machine Outlet Valves, 1/4 Turn, Press 1/2", 3/8" OD Com. |

Additional Company Information

IPS Corporation

| Model Number | Description |
|--------------|----------------------------|
| 88721 | LEGACY VALVE WM SWEAT RED |
| 88722 | LEGACY VALVE WM SWEAT BLUE |
| 88723 | LEGACY VALVE WM CPVC RED |
| 88724 | LEGACY VALVE WM CPVC BLUE |
| 88725 | LEGACY VALVE WM F1807 RED |
| 88726 | LEGACY VALVE WM F1807 BLUE |
| 88727 | LEGACY VALVE WM F1960 RED |
| 88728 | LEGACY VALVE WM F1960 BLUE |
| 88733 | LEGACY VALVE LF IM SWEAT |
| 88734 | LEGACY VALVE LF IM CPVC |
| 88735 | LEGACY VALVE LF IM F1807 |
| 88736 | LEGACY VALVE LF IM F1960 |

John L. Schultz Ltd.

| Model Number | Description |
|--------------|---|
| 1490-801 | SUPPLY STOP QUARTER TURN 1/2" ANGLE PUSH FIT x 1/4" OD |
| 1490-802 | SUPPLY STOP QUARTER TURN 1/2" ANGLE PUSH FIT x 3/8" OD |
| 1491-801 | SUPPLY STOP QUARTER TURN 1/2" STRAIGHT PUSH FIT x 1/4" OD |
| 1491-802 | SUPPLY STOP QUARTER TURN 1/2" STRAIGHT PUSH FIT x 3/8" OD |
| 1490-933 | 1/2" PUSH FIT x 1/2" PUSH FIT ANGLE STOP VALVE |
| 1491-933 | 1/2" PUSH FIT x 1/2" PUSH FIT STRIGHT STOP VALVE |

Reliance Worldwide Corporation

Eastman TM

| Model Number | Description |
|--------------|--|
| 10720LF | 5/8" OD COMP X 3/8" OD ANGLE 1/4 TURN LN |
| 10722LF | 3/8" OD X 5/8"OD LK ANGLE QRT STOP |
| 10723LF | 1/2"BRB F1960 PEX X 3/8OD STRT QRT STOP |
| 10724LF | 1/2"BRB F1960 PEX X 3/8OD ANGLE QRT STOP |
| 10725LF | 1/2 PEX X 1/2 PEX STOP VALVE STRT QRT |
| 10727LF | 1/2"BRB PEX X 3/8"OD COMP ANGLE 1/4 T |
| 10728LF | 1/2"BRB PEX X 3/8"OD STRT 1/4 TURN |

| Model Number | Description |
|--------------|--|
| 10729LF | 1/2" CPVC X 3/8" COMP ANGLE 1/4 TURN |
| 10730LF | 1/2" CPVC X 3/8" COMP STRT 1/4 TURN |
| 10731LF | 3/8" FIP X 3/8" OD ANGLE STOP |
| 10732LF | 1/2" FIP X 1/4" OD ANGLE STOP |
| 10733LF | 1/2" FIP X 3/8" OD ANGLE STOP |
| 10734LF | 3/8" OD x 3/8" FEMALE COMP REPAIR VALVE |
| 10735LF | 1/2"FIPX1/2"&7/16"SLIP-JOINT ANGLE STOP |
| 10736LF | 1/2"SWEAT X 3/8" OD ANGLE STOP |
| 10737LF | 5/8" OD COMP X 1/4" OD ANGLE |
| 10738LF | 5/8" OD COMP X 3/8" OD ANGLE 1/4 TURN |
| 10739LF | 5/8 OD COMP X 1/2" OD ANGLE |
| 10740LF | 5/8"ODCOMP X 1/2"&7/16"SLIP-J |
| 10742LF | 3/8ODX1/2NOM SWT ANGLE QRT W/ EXT AND ES |
| 10746LF | 3/8ODX1/2NOM SWT ST QRT W/ EXT AND ESCH |
| 10753LF | 5/8" OD COMP X 1/4" OD STRAIGHT QRT |
| 10754LF | 3/8" FIP X 3/8" OD STRAIGHT VA |
| 10755LF | 1/2" FIP X 3/8" OD STRAIGHT VA |
| 10756LF | 5/8" OD COMP X 3/8" OD STRAIGHT |
| 10757LF | 1/2" SWEAT X 3/8" OD STRAIGHT STOP |
| 10780LF | 1/2# CRIMP PEX x 1/2" CRIMP PEX x 1/4"OD |
| 25881LF | 3/8ODX3/8ODX1/4OD LEAD FREE STOP ADAPTER |
| 25882LF | 3/8ODX3/8ODX3/8OD LEAD FREE STOP ADAPTER |
| 48651LF | 1/2FIP X 3/8 X 3/8 STOP VALVE QRT LF |
| 48652LF | 5/8 OD X 3/8 X 3/8 STOP VALVE LOW LEAD |
| 48654LF | 5/8OD X 3/8 X 1/4 STOP VALVE |
| 48655LF | 1/2FIP X 3/8 X 1/4 STOP VALVE QRT LF |
| EZ-10733 | 1/2" FIP X 3/8" OD ANGLE STOP |
| 10760 | 1/2" Press x 3/8" OD Compression Quarter Turn Angle Stop Valve, Lead Free |
| 10761 | 1/2" Press x 3/8" OD Compression Quarter Turn Straight Stop Valve, Lead Free |

Pulse ShowerSpas, Inc.

| Model Number | Description |
|--------------|--|
| 3001-RIV-PB | 3001 TruTemp 1/2" Pressure Balance Valve |

The Mosack Group, Inc./Conbraco Industries, Inc.

| Model Number | Description |
|--------------|--|
| FSBVA1214 | 1/2"PUSHX 1/4"OD ANGLE STOP VALVE |
| FSBVA1214C | 1/2"PUSHX 1/4"OD COMP.ANGLE STOP VALVE |

| Model Number | Description |
|---------------|--|
| FSBVA1238C | 1/2"PUSHX 3/8"OD COMP.ANGLE STOP VALVE |
| FSBVA1238C6JR | 1/2"PUSHX 3/8"OD COMP.ANGLE STOP VALVE (6PK JAR) |
| FSBVS1214C | 1/2"PUSHX 1/4"OD COMP.STRAIGHT STOP VALVE |
| FSBVS1238C | 1/2"PUSHX 3/8"OD COMP..STRAIGHT STOP VALVE |
| FSBVS1238C6JR | 1/2"PUSHX 3/8"OD COMP..STRAIGHT STOP VALVE (6PK JAR) |
| FSBVT121214C | 1/2PUSHX1/2PUSHX1/4COMP STOP TEE VALVE |
| FSBVT121238C | 1/2PUSHX1/2PUSHX3/8COMP STOP TEE VALVE |

Waterline Products Co. Limited

| Model Number | Description |
|--------------|--|
| 1375030LF | 1/2"X 1/2"X 1/4" P'N'C CP STOP VAL VE |
| 1375032LF | 1/2"X 1/2"X 3/8" P'N'C CP STOP VALVE |
| 1375040LF | 1/2"X 1/2"P'N'C X 1/4" COMP. CP STOP VALVE |
| 1375040LF-LW | 1/2"X 1/2"P'N'C X 1/4" COMP. CP STOP VALVE |
| 1375042LF | 1/2"X 1/2"P'N'C X 3/8" COMP. CP STOP VALVE |
| 1375042LF-LW | 1/2"X 1/2"P'N'C X 3/8" COMP. CP STOP VALVE |

| | | |
|--|---|---|
|  <p> Oatey® 4700 W. 160th St. Cleveland, OH 44135 PH: 800-321-9532 FX: 800-321-9535 www.oatey.com TECHNICAL SPECIFICATION </p> | <p> 140 SERIES / 101 PNC SERIES BRASS AND PLASTIC NO-CAULK SHOWER DRAIN INSTALLATION INSTRUCTIONS </p> |  |
| <p> TECHNICAL SPECIFICATION: Oatey Brass and Plastic No-Caulk Shower Drains are designed for use with preformed shower stall bases. The drain body is sealed to the shower base with a locking ring, fiber washer and rubber sealing washer. 2" Schedule 40 DWV pipe is secured with a mechanically compressed gasket that doesn't require caulking. Drain top accommodates Oatey 4.25" Universal Snap-Tite Strainers available in a variety of designer finishes. </p> | | |

Oatey No-Caulk Shower Drains are available in Brass, PVC and ABS.



Always check your local building and plumbing code requirements before starting any project. This plumbing product is not intended for use in a tiled shower floors which require a shower pan liner. If your shower installation requires an Oatey PVC or CPE shower liner, visit www.oatey.com and view the 130 Series Shower Drains for Tile Shower Bases. This style of shower drain is designed for preformed shower bases only. Follow these easy instructions for a successful project.

Tools required for installing your new [Oatey No-Caulk Shower Drain](#)

- One medium or large flat head screwdriver
- One large pair of Channel Locks or tool capable of securing the large locking ring under the base
- [Oatey Plumber's Putty](#) ****Make sure you use [Oatey Stain Free Plumber's Putty](#) if your shower base is Granite, Marble, Quartz, Sandstone, Corian®, Plastic or any natural porous surface.**

1. Disassemble all eight (8) pieces included with your new [Oatey No-Caulk Shower Drain](#). If you are missing any of the individual parts, stop installation and return the product to the place of purchase for assistance. **The separate drawing illustrates the individual parts and installation number.**
2. Make sure both sides of the shower base hole (7) are clean and free of any debris.
3. Ensure that your drain pipe (8) is cut to desired height and connected to the drain P-trap. The top of your drain pipe should finish ¾" below the top of No-Caulk barrel flange (5) after the shower base is set into its final location. **(*See notes at end of instructions that will explain how to determine finish height of drain pipe)**
4. Remove any burrs and chamfer the top end of drain pipe before installing rubber pipe gasket (4). Chamfering refers to the rounding of sharp edges on the outside end of plastic pipe after cutting to size.

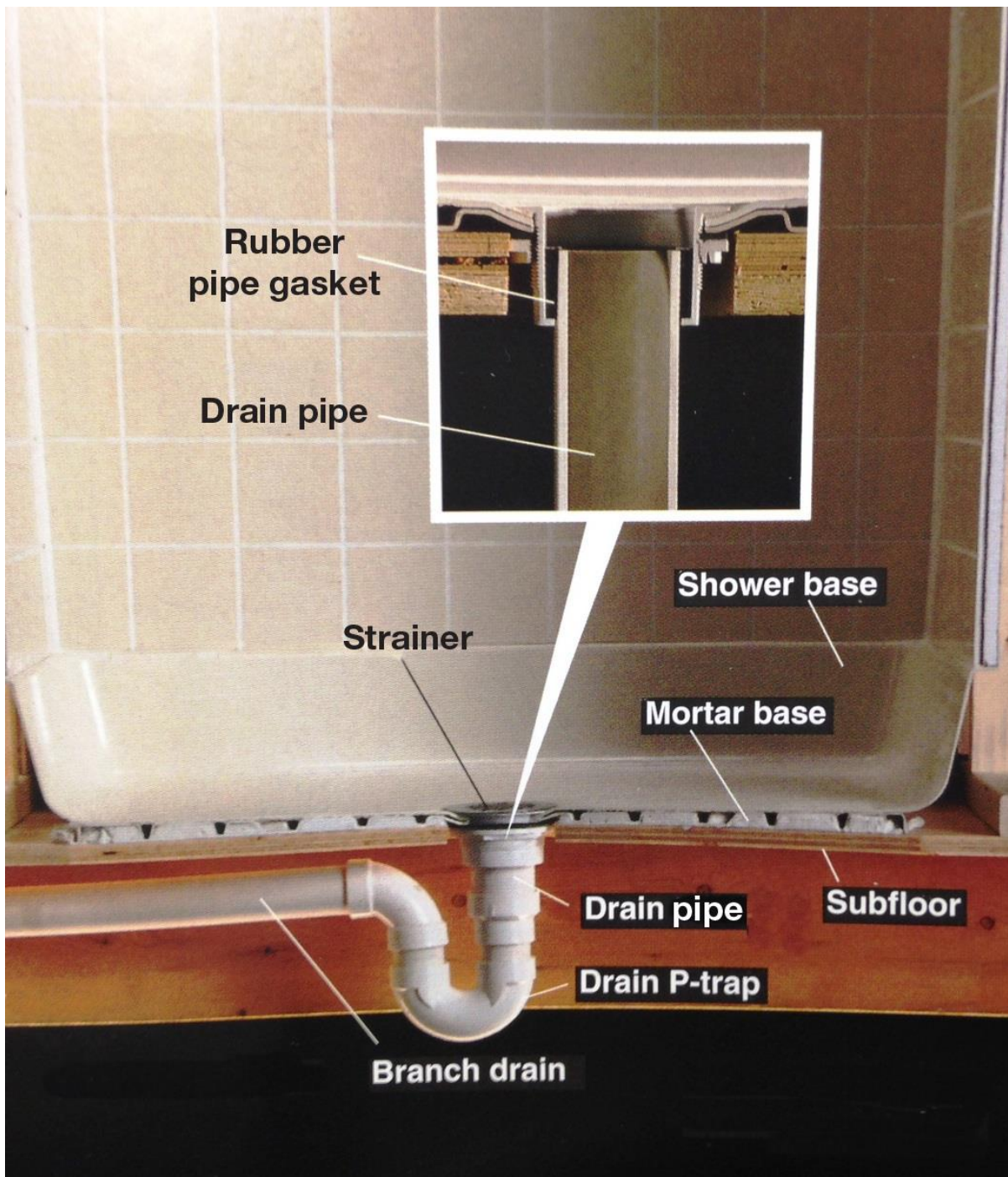
5. Install the new [Oatey No-Caulk Shower Drain](#) onto the shower base, then place the shower base temporarily into the location where it will be installed. This should be done in order to determine the exact finished height of the drain pipe.
6. After working the [Oatey Plumber's Putty \(6\)](#) to a soft pliable state in your hands, apply a ½" bead to the entire underside of No-Caulk barrel flange. (See the note above when choosing the correct plumber's putty for your application). Place the No-Caulk barrel through the top side of shower base hole, compressing down as far as you can without twisting. Excess putty will ooze out around the No-Caulk Drain on the top and bottom of shower base.
7. **NOTE;** if your [Oatey No-Caulk Shower Drain](#) is made from ABS (black) materials, you cannot use any type of putty; you must use a 100% silicone product in place of the putty.
8. While pushing the No-Caulk barrel against the top of shower base, you can wipe away any excess putty which has oozed out around the barrel from the top and bottom of shower base. Still pushing down on the No-Caulk barrel, place the rubber sealing washer (9) over the barrel and tight to the underside of shower base. Repeat this step with the friction washer (10) and finally the locking ring (11); tighten the locking ring down with the Channel Locks or comparable tool until tight. If time permits, allow the putty to relax and ooze out for 30 minutes and then tighten the locking ring again to ensure all surfaces have a secure water tight fit.
9. You can now install your shower base into the final location. Follow the manufactures guidelines for your specific make and model of shower base.
10. Place the rubber pipe gasket (flat side down) over the drain pipe coming up through the No-Caulk barrel. Push down on the rubber pipe gasket until it sets at the bottom of the No-Caulk barrel. If it is a little snug, gently tap the top of the rubber pipe gasket with a blunt object until it settles to the bottom.
11. Thread the gasket set screw (3) into place over the drain pipe. Then tighten the gasket set screw with the supplied wrench (2) and flat head screw driver until tight.
12. Clean off any excess putty and you are ready to test your new [Oatey No-Caulk Shower Drain](#).
13. **TESTING;** block the drain pipe with a sponge, rag, test ball or test plug. Make sure the plug of choice is in tight enough that it won't fall down into the drain pipe. Fill the shower base with approximately 3" to 4" of water and let it set inside the shower base for at least a period of time no less than four (4) hours before allowing water to drain out. If there are any signs of water loss or leaks during the four (4) period of time, you must identify the issue, make necessary repairs and retest the assembly before finishing the project.
14. Install the shower strainer (1) and give the shower base a final cleaning before use.

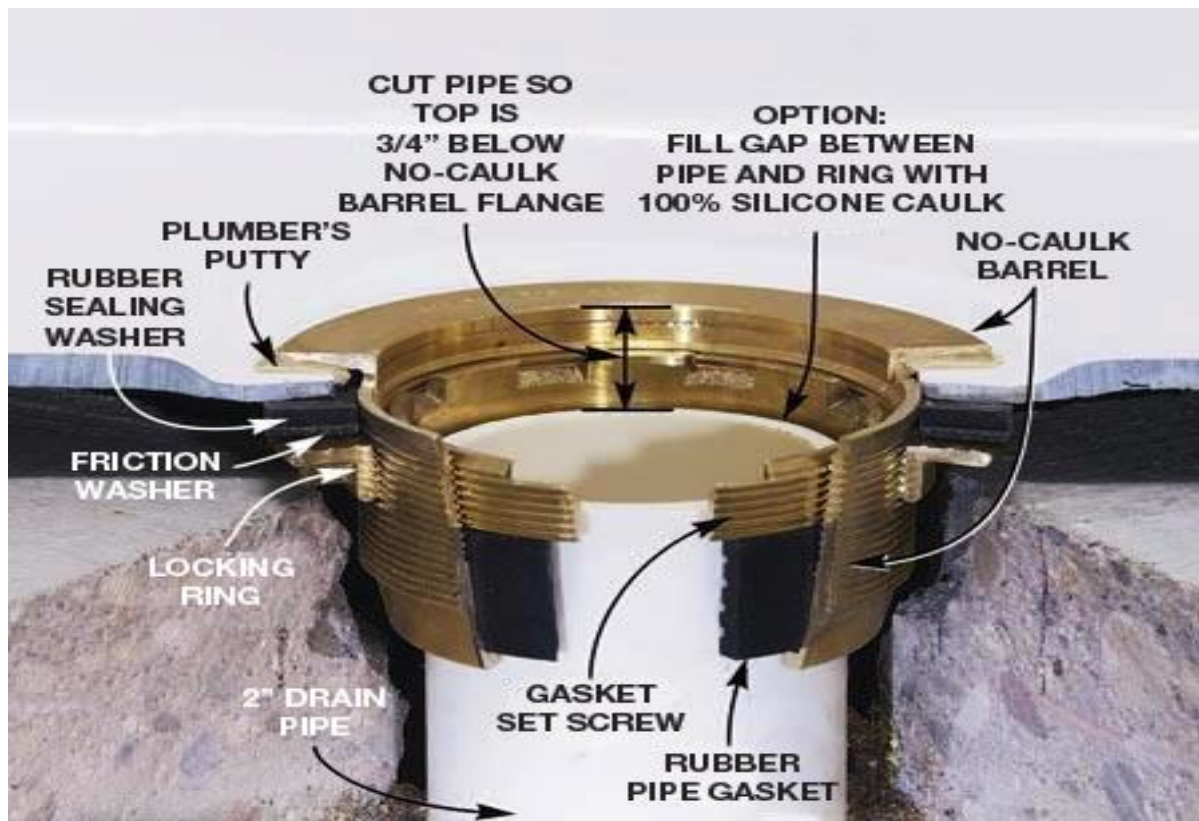
***NOTE;** the following are two ways to determine the finished height of your drain pipe. For either option you will need to first install the No-Caulk barrel onto the shower base as describe above.

- If your vertical drain pipe is already connected to the P-trap below the subfloor, you will determine the finished drain pipe height in one of two ways.
 1. Set the shower base with No-Caulk barrel installed down over the drain pipe. If the drain pipe's finished height is above the No-Caulk barrel flange, mark the drain pipe parallel with the top of the No-Caulk barrel flange and remove the shower base while being careful not to apply pressure on the pipe. From the mark you made on the drain pipe you will measure down and cut off an additional ¾" of pipe, this will leave the finished height of the drain pipe ¾" below the top of the No-Caulk barrel flange when the shower base is put into its final location.
 2. If the finished height of drain pipe is more than ¾" below the No-Caulk flange when you place the shower base into position, you will need to cut the pipe far enough below the subfloor so that a coupling and new piece of vertical drain pipe can be installed to achieve the specified height of ¾" below top of No-Caulk barrel flange.
 3. Once you have achieved the correct finished height of drain pipe, you can continue installing your shower base starting with step #4 of the instructions above.

- If your vertical drain pipe isn't connected to the P-trap below the subfloor, you will determine the finished drain pipe height as follows;
 - .1. Set the shower base with the No-Caulk barrel installed into the rough opening centered over the P-trap below the subfloor. Measure the distance from P-trap to the top of No-Caulk barrel flange; subtract $\frac{3}{4}$ " from the measurement and cut you pipe to the exact size. Remove the shower base and cement the vertical drain pipe into the P-trap before placing the shower base into the final location. You can now proceed with step #4 in the instructions above.
- Reference the attached photos for finished drain pipe height and one possible finished installation.

Make sure you cut all pipe ends square, chamfer pipe ends and de-burr pipe ends before assembly





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Revised 3/24/15

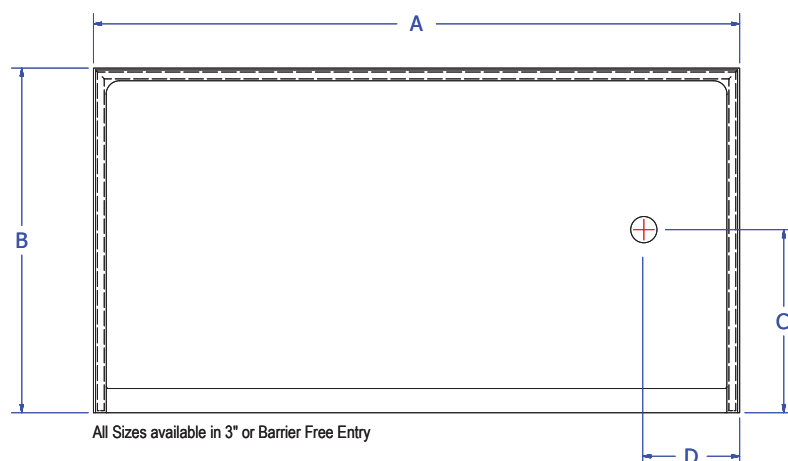


Luxury Walk-in Shower

This shower was designed by experts, with you in mind, focusing on style, safety and convenience when it matters most. Constructed to provide you with many years of enjoyment, this hybrid shower is manufactured from strong acrylic, gelcoat and fiberglass materials. All components are tested and conform to applicable safety standards. Every shower is rigorously tested and inspected before leaving our factory to ensure your continued satisfaction and peace of mind.

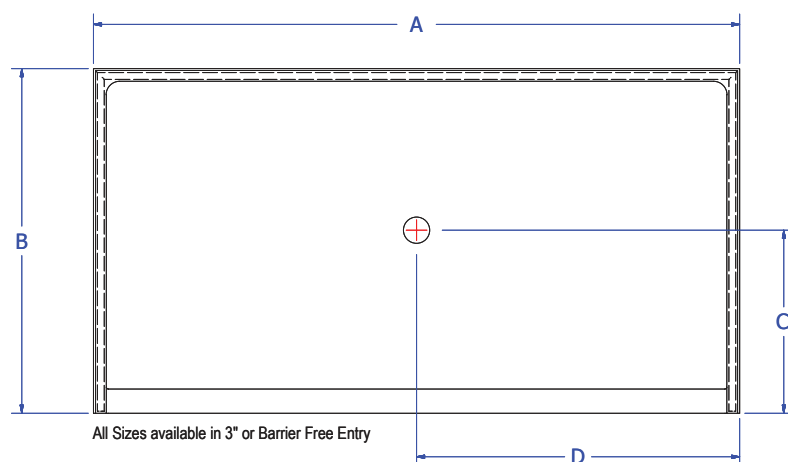
| Walk-In Shower Options | Classic | Deluxe | ShowerSpa | Signature | Autograph |
|--|----------|----------|-----------|-----------|-----------|
| EZ Step or Barrier Free Matching Fiberglass Foam Backed Shower Pan With Anti Slip Base | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pressure and Temperature Balancing Valve | ✓ | ✓ | ✓ | ✓ | ✓ |
| Drain Kit | ✓ | ✓ | ✓ | ✓ | ✓ |
| Optional Medical Grade Silhouette Safety Seat | ✓ | ✓ | ✓ | ✓ | ✓ |
| Curtain Liner, Curtain Rod and Rings | ✓ | ✓ | ✓ | | |
| Full Height Glass Door | Optional | Optional | Optional | ✓ | ✓ |
| Rainshower Head | | ✓ | ✓ | ✓ | ✓ |
| Handheld Shower with Holder | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6 Brass Silk Spray Body Jets | | | ✓ | | |
| Foot Spout | | | ✓ | | |
| 18" Padded Grab Bar | ✓ | | ✓ | | |
| 18" Grab Bar | | | | Optional | Optional |
| Round Ergo Valve Grab Bar | | ✓ | | | |
| L-Shaped Ergo Grab Bar | | ✓ | ✓ | | |
| 2 Shelf Acrylic Corner Caddy | ✓ | | | | |
| Full Height Matching Corner Caddy with Shaving Ledge | | ✓ | ✓ | | |
| Full Height Matching Back Corner Trim | | ✓ | ✓ | | |
| Full Height Back Wall Caddy | | | | ✓ | ✓ |
| Smooth Acrylic Wall | ✓ | | | | |
| Smooth or Tile Acrylic Wall in 5 Color Options | | ✓ | ✓ | ✓ | ✓ |
| 14" x 14" Matching Wall Caddy Insert | | | ✓ | | |
| Natural Stone Tile Surround Accent | | | | | ✓ |

Left or Right Drain:



| | A | B | C | D |
|-----------|--------|-----|--------|-------|
| 36" x 60" | 59.75" | 36" | 18" | 9.25" |
| 32" x 60" | 59.75" | 32" | 15.5" | 8.75" |
| 30" x 60" | 59.75" | 30" | 14.25" | 8.75" |
| 32" x 54" | 53.75" | 32" | 15.5" | 8.75" |
| 30" x 54" | 53.75" | 30" | 14.25" | 8.75" |
| 32" x 48" | 47.75" | 32" | 15.5" | 8.75" |
| 30" x 48" | 47.75" | 30" | 14.25" | 8.75" |
| 36" x 54" | 54" | 36" | 18" | 9.25" |
| 42" x 60" | 60" | 42" | 21" | 9.25" |

Center Drain:



| | A | B | C | D |
|-----------|--------|-----|--------|---------|
| 36" x 60" | 59.75" | 36" | 18" | 29.375" |
| 32" x 60" | 59.75" | 32" | 15.5" | 29.375" |
| 30" x 60" | 59.75" | 30" | 14.25" | 29.375" |
| 32" x 54" | 53.75" | 32" | 15.5" | 27" |
| 30" x 54" | 53.75" | 30" | 14.25" | 27" |
| 32" x 48" | 47.75" | 32" | 15.5" | 24" |
| 30" x 48" | 47.75" | 30" | 14.25" | 24" |
| 36" x 36" | 36" | 36" | 18" | 18" |
| 42" x 42" | 42" | 42" | 21" | 21" |
| 36" x 48" | 48" | 36" | 18" | 24" |
| 36" x 54" | 54" | 36" | 18" | 27" |
| 42" x 60" | 60" | 42" | 21" | 30" |

Specifications:

| | |
|---------------|---|
| Size | Up to 60" by 42" |
| Drain | 2" |
| Drain Opening | 3.25" |
| Front Curb | 3.5" H or 3.25" H |
| Flange | Fiberglass |
| Weight | 44 – 48lbs |
| Material | Gel Coat Fiberglass Closed Cell Foam |
| Color | White Bone |
| Finish | Gloss |

Options:

- Acrylic wall surround with available natural stone tile accents
- Grab bars
- Spa type shower system
- Soap and shampoo caddies
- 3" EZ Step or 3/4" Barrier Free pan
- Matching bypass shower doors
- Fold-up silhouette safety seat with retractable arm rests

Shower Pan Features:

- Solid one piece construction
- Abrasion resistant gel coat surface
- Sanitary grade gel coat
- Will not mold or mildew
- Textured non slip finish
- Drain Kit
- Pre-leveled – rests on sub floor
- Closed cell foam core supports

Shower Pan Standards:

CSA B45.5/IAPMO Z124 Standards - 2021
Tested Home Innovation Research Labs

ATSM F462 -1997 coefficient of friction test
(Minimum rating of .67)

