Limited Lifetime Faucet Warranty

Fluid™ warrants its faucets to be free from defects in material and workmanship for as long as the original consumer purchaser owns his or her home.* This warranty applies only in original installation location. If a defect is found in normal residential use, Fluid™ will, at its election, repair, provide a replacement part or product, or make an appropriate adjustment. Fluid™ reserves the right to examine the product in question and its installation prior to replacement. This warranty is limited to replacement of defective parts only. Damage to a product caused by accident, improper installation, misuse, or abuse is not covered by this warranty. Improper care and cleaning will void the warranty.** Replacement parts can be obtained from your local dealer or directly from the Fluid™ warehouse. Dated proof of purchase must accompany all warranty claims. This warranty applies only to Fluid™ faucets installed in the United States of America, Canada or Mexico (North America).

Fluid™ recommends using a certified plumber for faucet installation and repair. Incidental and consequential damages, labor charges, repair or replacement costs are expressly excluded. In no event shall the liability of Fluid™ exceed the purchase price of the faucet. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights which vary from state/province to state/province. If you find any such problem with your product, please immediately contact your nearest Fluid™ dealer or sales representative.

* Two year warranty on commercial applications.

** Never use cleaners containing abrasive cleansers, ammonia, bleach, acids, waxes, alcohol, solvents or other products not recommended for surface finishes. This will void the warranty.

This faucet meets or exceeds the following standards:
ASME A112.18.1 / CSA B125.1
This product has been tested and certified by IAPMO.

Need Help?
For additional assistance or service call
Toll Free: 1 800 460 7019
Fax: 1 604 430 5050
www.fluidfaucets.com

Installation Instructions for Pressure Balancing Valve

Sustainable Solutions International
Phone: 1 800 460 7019
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IAPMO LISTED
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Please Keep This Manual For Future Reference
Recommended Installation Layout with PB Valve with Diverter F1000B

Recommended Installation Layout with PB Valve without Diverter F1001B

- Tub and Hand Shower
- Tub and Fixed Shower
- Fixed Shower and Hand Shower
- Hand Shower Only
- Fixed Shower Only
- Tub Spout Only
Tools Required for Installation

- Teflon Tape
- Screwdriver
- Adjustable Wrench
- Soldering Equipment

F1000-B
Pressure Balancing Valve with Diverter, used for Tub and Shower installation.

F1001-B
Pressure Balancing Valve without Diverter, used for Tub Only or Shower Only installation with a supplied hex cap (#6B).

Adjusting Maximum Temperature

Caution: The valve is preset at the factory test at maximum. To adjust, please follow these instructions. Remove red max temperature adjust ring from the cartridge (#2) . Turn the red ring clockwise to adjust the max temperature to the desired setting. Reassemble and test until the desired setting is achieved.

Valve Installation Instructions

1. Shut off cold and hot water supply.
2. Install pressure balancing valve body (#1) so the surface of finished wall is between the front (#7A) and the back (#7B) of the plaster guard (#7).
3. Connect the valve body (#1) to water supplies or PEX. (A) is the cold inlet port and (B) is the hot inlet port.
4. For 1/2” Copper Tube Soldering Connections
   - Prior to soldering, remove the integral stops (#5) and the cartridge (#2) by unscrewing the cap and the retaining nut (#3). Also remove diverter (#6A) by unscrewing counter-clockwise. Avoid soldering excessively high temperature.

5a. Remove the plaster guard (#7) by loosening two screws (#8).

NOTE: To switch the water between the tub spout and the shower, just simply pull the knob of diverter (#6A). Turn the knob to lock the diverter (#6A) in place. Turn again to unlock the diverter.

FOR PRESSURE BALANCING VALVE WITH DIVERTER F1000-B:

5b. Remove the plaster guard (#7) by loosening three screws (#8) and the plaster cone (#9) by loosening one screw (#10). Apply Teflon tape onto the unused (top or bottom) port and install the cap (#6B) supplied with the valve body F1001-B inside the package.

OPTIONAL: 1/2” copper cap (not supplied) can be soldered onto the unused (top or bottom) port.

For Back to Back (B to B) installation, remove the cartridge (#2) from valve body (#1), rotate 180 degrees and reinstall. Hot inlet port is on the right, and cold inlet port is on the left. The cartridge is installed with “B <-> B, UP” points upwards. This is not for a normal installation. See below:

For Normal Installation, cold inlet port is on the right, hot inlet port is on the left. The cartridge (#2) should be installed with “COLD UP” points upwards. See below:
Tools Required for Installation

- Allen Wrench
- Screwdriver
- Teflon Tape
- Adjustable Wrench

Trim Installation Instructions

Use the Recommended Installation Layout on page 1 and 2 to plan your trim installation.

1. For Cover and Handle Installation
   1.1 Apply a small bead of silicon around the outer edge on back side of cover plate (#7).
   1.2 Slide cover plate (#7) over diverter (#6A) and sleeve tube (#4) for valve body F1000-B or slide over the sleeve tube (#4) only for valve body F1001-B.
   1.3 Gently press cover plate (#7) against the finished wall.
   1.4 Install handle (#8) onto stem (#2). Use Allen wrench (#10) to secure set screw (#9) and push in decorative cap (#11).

2. For Fixed Showerhead Installation
   2.1 Make sure 1/2" thread elbow (#12) is installed inside the wall.
   2.2 Slide shower flange (#13) over shower arm (#14).
   2.3 Apply Teflon tape onto threads, and screw shower head (#15) onto shower arm (#14).

3. For Tub Spout Installation
   3.1 Make sure 1/2" thread elbow (#40) is installed inside the wall.
   3.2 Screw 9 O-ring adapter (#20) into thread elbow (#40).
   3.3 Slide back plate (#19) over adapter (#20), and mark hole positions at corners on the finished wall.
   3.4 Drill holes per marks and insert plastic anchors (#16) into the finished wall.
   3.5 Secure back plate (#17) against the wall by fastening screws (#18) to plastic anchors (#16).
   3.6 Slide spout escutcheon (#21) over adapter (#20) and pins (#19) on back plate (#17).
   3.7 Insert tub spout (#22) into adapter (#20) and pins (#19) on back plate (#17).
   3.8 Use Allen wrench (#24) to secure set screws (#23).

4. For Handheld Shower Installation
   4.1 Make sure 1/2" thread elbow (#38) is installed inside the wall.
   4.2 Screw 9 O-ring adapter (#32) into thread elbow (#38).
   4.3 Slide escutcheon (#30) over adapter (#32).
   4.4 Insert elbow (#33) into adapter (#32) and pin (#31).
   4.5 Use Allen wrench to secure set screw (#34).
   4.6 Determine location of handheld shower holder (#29).
   4.7 Mark position of mounting bracket (#27) on finished wall.
   4.8 Drill holes per marks and insert plastic anchors (#25) into the finished wall.
   4.9 Secure mounting bracket (#27) against the wall by fastening screws (#26).
   4.10 Secure holder (#29) with set screws (#28) with Allen wrench (#37).
   4.11 Insert rubber washers (#35) into the end thread fittings of flex hose (#36).
   4.12 Thread flex hose (#36) onto elbow (#33) and handheld shower (#39).

Care & Maintenance Instructions

SSI products are designed and engineered under strict quality standards. Regular and proper care of our products will ensure years of trouble-free service.

For Pressure Balancing Cartridge:
Remove the cartridge (#2) by unscrewing the cap and the retaining nut (#3), and then wash with running water to ensure any trapped debris has been removed.

For Surface Finish:
To clean, use a soft and damp cloth with warm soapy water followed by rinsing with clean water and drying with a soft cloth. Do not use abrasive or harsh cleaners as they may result in finish damage.