Installation Instructions

Note: Installation should be in accordance with accepted plumbing practices. Flush all piping thoroughly before installation.

To Install

1. Position mixer 1-15/16” ± 1/2” [49mm ± 13mm] from inlet center to finished wall surface. The tub outlet port is marked “TUB” and should face down. Facing front of mixer, connect hot water to left side and connect cold water to right side. The valve has “C” and “H” cast into the body near the appropriate inlet ports.
2. For standard inlets: Valve is factory-set for standard inlets (“TOP” stamped on stem should face shower outlet “S”, see Figure 3). If reversed inlets are required due to back-to-back installation (Cold water supply on the left and Hot water supply on the right), see Figure 3 and follow instructions a–d below:
   a. Connect cold inlet to hot port (“H”) and hot inlet to cold port (“C”). Note: Do not turn valve upside down. If valve is upside down, water will not flow properly through tub spout or showerhead.
   b. Turn water off with checkstops, remove high temperature limit stop and bonnet.
   c. Rotate stem 180°, and reinstall bonnet and high temperature limit stop. Note: Be certain the word “TOP” stamped on stem is facing toward tub outlet “T”.
   d. Hot and Cold inlets should be re-identified for reversed inlets to avoid confusion during future maintenance.
3. For tub and shower installations (see Figure 1). Pipe bottom outlet port “T” directly to the diverter tub spout. The mixer body is designed to operate without the use of a twin ell. Pipe top outlet port “S” to the showerhead. Be certain that the bottom outlet port “TUB” is piped to the tub spout; if outlet connections are reversed, the mixer will not function properly.
4. For shower only installation (see Figure 2). Pipe top outlet port “S” directly to the showerhead and plug bottom port.
5. Rough-in guide installation:
   a. When piping installation is complete and before doing the finished wall, slide rough-in guide onto the mixer stem and press into place (see Figure 5).
   b. The rough-in guide will insure the proper size opening for mixer and checkstop shut-off and repair accessibility, as well as protect the chrome-plated sleeve from damage during drywall and tile installation.
6. To install dial gaskets, peel backing off gaskets and attach gaskets to inside of dial plate.
7. After wall is completed, remove rough-in guide and attach dial assembly and handle to mixer body with the screws furnished (see Figure 4).

CAUTION: When soldering during installation process, do not heat the valve any higher than the temperature required to flow solder. Excessive overheating of the valve may cause damage to the balancing cartridge mechanism. By following this recommendation, you will be able to solder the valve without removing either the cartridge or the checkstop internals. If either brazing or resistance (electric) solder is to be used, all valve internals must be removed.
8. Maximum temperature setting must be set at the job site. High temperature limit stop is located on the bonnet. Remove O-ring and discard. Slide the retainer and the high temperature limit stop out. Rotate stem to desired maximum temperature, but no greater than 115°F (46°C). Slide back the maximum temperature limit stop touching the tab on the stem. Slide the retainer back all the way to secure the high temperature limit stop. Install handle. The maximum temperature setting must be re-adjusted if the hot water supply temperature is changed, and also seasonally to compensate for changes in the cold water supply temperature.

See specification drawing for all other dimensions.
1900-CP and 1902-CP Pressure Balancing Valves

CHICAGO FAUCETS LIMITED WARRANTY

TO WHOM DOES THIS WARRANTY APPLY?
The Company extends the following limited warranty to the original user only.

WHAT DOES THIS WARRANTY COVER AND HOW LONG DOES IT LAST?
This Product is warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

OTHER WARRANTIES
All other Products not covered above are warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

WHAT THIS WARRANTY DOES NOT COVER
NO WARRANTY in cases of damage in transit, negligence, abuse, abnormal usage, misuse, accidents, normal wear and tear, damage due to environmental or natural elements, failure to follow the Company’s instructions, unauthorized repair, incorrectly performed maintenance or repair, improper installation or storage or use of acids, abrasive cleaning materials, or in order for the Warranty to apply. Buyer must retain and provide to the Company receipts showing date of Product purchase and documenting proper maintenance. Any oral or written description of the Product is for the sole purpose of identifying the Products and shall not be construed as an express warranty. THE COMPANY SHALL NOT BE LIABLE TO BUYER, OR TO ANYONE CLAIMING UNDER BUYER, FOR ANY OTHER OBLIGATIONS OR LIABILITIES, INCLUDING, BUT NOT LIMITED TO, OBLIGATIONS OR LIABILITIES ARISING OUT OF BREACH OF CONTRACT OR WARRANTY, NEGLIGENCE OR OTHER TORT OR ANY THEORY OF STRICT LIABILITY, WITH RESPECT TO THE PRODUCTS OR THE COMPANY’S ACTS OR OMissions. THE COMPANY AND BUYER AGREE THAT THE EXPRESS WARRANTIES DESCRIBED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES. ALL OTHER EXPRESS WARRANTIES ARE DISCLAIMED. FOR CONSUMER PRODUCTS, WARRANTIES IMPLIED BY LAW, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE DISCLAIMED. FOR COMMERCIAL PRODUCTS, WARRANTIES IMPLIED BY LAW, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE PERIOD OF THE EXPRESS LIMITED WARRANTY STATED ABOVE FOR THE RELEVANT PRODUCT.

HOW TO GET SERVICE
For service issues, or to provide notice of a warranty claim or request warranty service, contact your Chicago Faucets Sales Representative or the Chicago Faucet Company, Customer Service, 2100 South Clearwater Drive, Des Plaines, Illinois 60018 or 847-803-5000. As the Company’s sole and exclusive obligation under this warranty (and Buyer’s sole and exclusive remedy), upon prompt written notice of breach from Buyer during the warranty period, the Company will either replace or repair the defective Product or refund the wholesale purchase price, at its option, if an inspection by the Company discloses defects in material or workmanship covered by this warranty. These warranty provisions do not cover the battery shipped with the electronic products.

LIMITATION ON DAMAGES
IN NO EVENT SHALL THE COMPANY BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES. WITHOUT LIMITING THE FOREGOING, THE COMPANY SHALL NOT BE LIABLE FOR ANY DAMAGE A PALM DEVICE OR ANY SOFTWARE OR RELATED EQUIPMENT ALLEGEDLY CAUSES TO A SYSTEM OR OTHERWISE. THE COMPANY’S AGGREGATE LIABILITY WITH RESPECT TO A DEFECTIVE PRODUCT AND THIS CONTRACT SHALL BE LIMITED TO AN AMOUNT EQUAL TO THE MONIES PAID TO THE COMPANY FOR THAT DEFECTIVE PRODUCT.

HOW DOES STATE LAW APPLY?
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Restrictions Apply

Chicago Faucets Limited Warranty

1900-CP and 1902-CP Pressure Balancing Valves

For complete warranty details, or to provide notice of a warranty claim or request warranty service, contact your Chicago Faucets Sales Representative or The Chicago Faucet Company, Customer Service, 2100 S. Clearwater Drive, Des Plaines, Illinois 60018 or 847-803-5000. As the Company’s sole and exclusive obligation under this warranty (and Buyer’s sole and exclusive remedy), upon prompt written notice of breach from Buyer during the warranty period, the Company will either replace or repair the defective Product or refund the wholesale purchase price, at its option, if an inspection by the Company discloses defects in material or workmanship covered by this warranty. These warranty provisions do not cover the battery shipped with the electronic products.

WHAT THIS WARRANTY DOES NOT COVER
This Product is warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

OTHER WARRANTIES
All other Products not covered above are warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

WHAT DOES THIS WARRANTY COVER AND HOW LONG DOES IT LAST?
This Product is warranted against material manufacturing defects for a period of one (1) year from the date of Product purchase.

HOW TO GET SERVICE
For service issues, or to provide notice of a warranty claim or request warranty service, contact your Chicago Faucets Sales Representative or the Chicago Faucet Company, Customer Service, 2100 South Clearwater Drive, Des Plaines, Illinois 60018 or 847-803-5000. As the Company’s sole and exclusive obligation under this warranty (and Buyer’s sole and exclusive remedy), upon prompt written notice of breach from Buyer during the warranty period, the Company will either replace or repair the defective Product or refund the wholesale purchase price, at its option, if an inspection by the Company discloses defects in material or workmanship covered by this warranty. These warranty provisions do not cover the battery shipped with the electronic products.

LIMITATION ON DAMAGES
IN NO EVENT SHALL THE COMPANY BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT OR SPECIAL DAMAGES. WITHOUT LIMITING THE FOREGOING, THE COMPANY SHALL NOT BE LIABLE FOR ANY DAMAGE A PALM DEVICE OR ANY SOFTWARE OR RELATED EQUIPMENT ALLEGEDLY CAUSES TO A SYSTEM OR OTHERWISE. THE COMPANY’S AGGREGATE LIABILITY WITH RESPECT TO A DEFECTIVE PRODUCT AND THIS CONTRACT SHALL BE LIMITED TO AN AMOUNT EQUAL TO THE MONIES PAID TO THE COMPANY FOR THAT DEFECTIVE PRODUCT.

HOW DOES STATE LAW APPLY?
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Restrictions Apply

© 2009 The Chicago Faucet Company. Product specifications subject to change without notice.

TAG-1900 08/09