

# Water Supply Stops

## INSTALLATION INSTRUCTIONS

Read All Instructions Carefully Before Beginning Installation.

**▲ CAUTION: FOR USE WITH WATER IN ACCESSIBLE LOCATIONS ONLY.**

**▲ CAUTION: DO NOT USE WITH CONNECTORS HAVING A SOLID BRASS CONE OR BULL NOSE DESIGN-FRACTURES CAN DEVELOP.**

**▲ CAUTION: STOP MUST BE USED IN THE FULLY OPENED OR FULLY CLOSED POSITION.**

**▲ CAUTION: OUTLET MUST BE CAPPED IF STOP IS BEING USED AS A TERMINATION POINT.**

**▲ CAUTION: DO NOT USE G2 OR MULTI-TURN STOPS ON RECIRCULATING SYSTEMS EXCEEDING 115 DEGREES.**

Manufacturer assumes no responsibility for failure due to improper installation.

### GENERAL INSTRUCTIONS:

- Be sure stub out and riser are square, round and free of burrs.
- Overtightening can cause product to crack and fail over time. See more detailed instructions below:

## COPPER COMPRESSION INLET

Be sure to shut off water before starting.

For use with type L or M copper only.

1. Place compression nut and sleeve onto the copper tube.
2. A drop of general purpose oil will make tightening easier.
3. If using a drop of oil or thread sealant be sure the threads are clean of any debris and that sealant is also free of any metal debris. DO NOT USE a putty, gasket material or thread seal tape.
4. If using a thread sealant, apply a thin even coat to the male compression threads only taking care not to get thread sealant on the compression ring or sealing surface. Warning: Excessive thread sealant may cause joint to fail.
5. Hand tighten the compression nut onto the stop as far as it will allow.
6. Using hand tools, tighten 3/4 turn from the hand tight position. Note: Make sure that the stop remains seated and square to the copper tube. If the stop is not square to the copper tube, this could affect the ability to get a good connection.

**Tools Needed for Installation:** • Wrench • Tube Cutter

## IRON PIPE CONNECTION (FIP/MIP)

Be sure to shut off water before starting.

1. Apply thread sealant to pipe nipple. Thread valve onto pipe. Wrench tighten. Make sure outlet is positioned correctly.

**Tools Needed for Installation:** • Thread sealant • Wrench

## SWEAT INLET

Be sure to shut off water before starting.

**NOTE:** Remove complete stem assembly by loosening bonnet nut and unthreading handle to prevent heat damage to washers. Reassemble after installation is complete.

1. Clean outside of copper stub out and inside of fitting/stop with emery cloth or steel wool and remove all loose particles.
2. Coat outside of copper stub out and inside of fitting/stop with flux. Push fitting/valve over stub out and rotate to distribute flux evenly.
3. Apply heat to all sides, checking temperature occasionally by touching end of solder to surface (not to flame). When solder liquefies, temperature is correct. Feed solder around edge of fitting/stop as heat is applied.
4. While stub out is still hot, carefully wipe valve with damp rag to leave an attractive chrome-like finish. Avoid moving fitting/valve until solder hardens.

**Tools Needed for Installation:** • Emery cloth or steel wool • Flux • Solder • Wrench • Damp rag

## CPVC INLET

Be sure to shut off water before starting.

**▲ CAUTION: USE ONLY CPVC CEMENT OR AN ALL-PURPOSE CEMENT CONFORMING TO ASTM F-493 OR JOINT FAILURE MAY RESULT.**

**▲ CAUTION: ASSEMBLE VALVE ACCORDING TO SOLVENT WELD MANUFACTURER'S INSTRUCTIONS.**

1. Cut pipe squarely and remove all inside and outside burrs.
2. Follow solvent weld manufacturer's instructions.

**▲ CAUTION: TOO MUCH CEMENT CAN CLOG WATERWAYS AND WEAKEN INSERT IN FITTING OR VALVE.**

**Tools Needed for Installation:** • CPVC Cleaner/Primer (or fine sandpaper) • CPVC Cement • Wrench

## BARBED PEX INLET

Be sure to shut off water before starting.

For use with ASTM F876 / F877 / F1807 PEX only

**▲ CAUTION: ASSEMBLE STOP ACCORDING TO CRIMP TOOL MANUFACTURER'S INSTRUCTIONS.**

1. Cut PEX tube so the end is square and round.
2. Slide crimp ring over PEX tube.
3. Insert valve barb inlet into PEX tube completely until tube stops at valve body.
4. Position crimp ring over barb area and follow crimp tool manufacturer's instructions to secure.

**Tools Needed for Installation:** • Tube Cutter • Crimp Tool • PEX Crimp Gauge

## COLD EXPANSION PEX ON INLET

Be sure to shut off water before starting.

For use ASTM F876/F877/F1960 PEX only.

**▲ CAUTION: ASSEMBLE STOP ACCORDING TO PEX COLD EXPANSION TOOL MANUFACTURER'S INSTRUCTIONS.**

1. Cut PEX tube so that the end is square and round.
2. Slide the PEX reinforcement ring over the PEX tube.
3. Follow the PEX cold expansion tool manufacturer's instructions for installation of the stop barb inlet.
4. For riser tube installation, see that section.

**Tools Needed for Installation:** • Tube Cutter • Expansion Tool

## PUSH CONNECT INLET

Be sure to shut off water before starting.

For use with Copper, PEX and CPVC

For use with water in exposed locations only.

### INSTALLATION

1. Cut Copper, PEX or CPVC tube square, round and free of burrs. Over time, if burrs are not removed, connection may leak. Make sure stub out length extends a minimum of 2 1/2" from wall to accommodate valve and escutcheon.
2. Mark tube 1" from end. Push stop onto tube until marking on tube is reached. Tube Insert will self-align in tubing.

**Tools Needed for Installation:** • Tube Cutter • Marker • Measuring Tape

**▲ CAUTION:**

- FAILURE TO PUSH VALVE TO MARK MAY RESULT IN A LEAK.
- DO NOT USE ANY PLUMBER'S PUTTY, PIPE THREAD TAPE, OR OTHER SEALANT TO CONNECT STOP.
- ONLY INSERT COPPER, PEX OR CPVC TUBING INTO THE STOP.
- DO NOT ATTEMPT TO REMOVE TUBE SUPPORT.

**PLUMBSHOP®** By BrassCraft Mfg. Co.

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