EVERBILT® QUARTER-TURN WATER SUPPLY STOP VALVES
INSTALLATION INSTRUCTIONS

FOR RESIDENTIAL WATER SUPPLY APPLICATIONS

PRODUCT OVERVIEW

Thank you for choosing EVERBILT Quarter-Turn Water Supply Stops.

EVERBILT quarter-turn supply stops are designed to provide dependable shutoff control for faucet, toilet, ice maker, dishwasher, and other residential water supply applications. Precision-machined components and durable construction provide smooth operation and long service life.



Available inlet connections include:

- Compression
- Female Iron Pipe (FIP)
- Sweat (Solder)
- CPVC (Solvent Weld)
- Press-Fit
- PEX B Crimp (Barbed)
- PEX A Expansion
- Push-to-Connect
- Slip-Joint



Tools you may need include:

- Adjustable wrench
- Open-end wrench
- Tube cutter
- Deburring tool
- Emery cloth
- PEX crimp tool
- PEX expansion tool
- Marking Device
- Measuring tape
- CPVC primer and cement
- Lead-free solder and flux

IMPORTANT SAFETY INFORMATION

WARNING

- Shut off water supply before beginning installation.
- Follow all applicable local plumbing and building codes.
- Verify compatibility between pipe material and valve connection type before installation.
- Failure to follow installation instructions may result in water leakage, property damage, or personal injury.
- Do not use pipe dope, putty, or thread sealant on compression connections unless specifically instructed.
- Inspect all components before installation. Do not install damaged products.

VALVE CONNECTION STYLES

COPPER COMPRESSION INLET

For use with copper tubing.

1. Cut copper tube square.
2. Remove burrs and sharp edges.
3. Slide compression nut onto tubing.
4. Slide compression sleeve onto tubing.
5. Insert tubing fully into valve inlet stop.
6. Hand tighten compression nut.
7. Tighten an additional 1/2 to 1 turn using a wrench.

CAUTION: Do not overtighten compression connections.

FIP (FEMALE IRON PIPE) INLET

For use with threaded pipe nipples.

1. Apply approved thread sealant to male threads.
2. Thread valve onto pipe by hand.
3. Tighten using wrench on valve body flats.
4. Do not use excessive force.

SWEAT INLET

For use with copper pipe.

1. Remove internal components if required.
2. Clean pipe and valve socket using emery cloth.
3. Apply flux to pipe and to valve socket.
4. Insert pipe fully into valve socket
5. Heat joint evenly.
6. Apply lead-free solder.
7. Allow assembly to cool naturally.
8. Reassemble valve if components were removed.

CPVC INLET

For use with CTS CPVC pipe.

1. Cut pipe square.
2. Remove burrs.
3. Dry fit components.
4. Apply CPVC primer if required.
5. Apply CPVC solvent cement.
6. Insert pipe fully into valve socket.
7. Hold until joint sets.
8. Allow full cure time per cement manufacturer instructions.

PUSH-TO-CONNECT INLET

For use with copper, CPVC, and PEX tubing.

1. Cut tubing square.
2. Remove burrs.
3. Mark insertion depth.
4. Push tubing into fitting until depth mark reaches fitting shoulder.
5. Pull lightly to verify engagement.

PEX CRIMP (BARBED) INLET

For use with ASTM F1807/F2159 PEX systems.

1. Slide crimp ring onto tubing.
2. Insert valve barb fully into tubing.
3. Position crimp ring.
4. Crimp using approved tool.
5. Verify crimp using go/no-go gauge.

PEX EXPANSION INLET

For use with ASTM F1960 systems.

1. Slide expansion ring onto tubing.
2. Expand tubing and ring using approved expansion tool.
3. Insert valve fitting immediately.
4. Allow tubing to recover around fitting.
5. Verify full engagement.

PRESS CONNECT INLET

For use with compatible copper press tubing systems.

1. Cut tubing square.
2. Remove burrs.
3. Mark insertion depth.
4. Insert tubing fully into fitting until depth mark reaches fitting shoulder.
5. Position press tool and complete press cycle.
6. Verify press connection is secure.

Important: Use only approved press tools, jaws, and fittings compatible with the size of tubing and press system being installed.

LEAK TESTING

WARNING

1. Ensure all connections are complete.
2. Slowly open main water supply.
3. Inspect all connections.
4. Tighten only where required.
5. Operate valve through full open and closed positions.
6. Reinspect after system pressure stabilizes.

VALVE OPERATION

OPEN
Handle PARALLEL to outlet



CLOSED
Handle PERPENDICULAR to outlet

