1: Shut off the water supply to the supply line where the valve will be installed. Use a cold-water supply pipe near the fixture to be supplied by the valve. NOTE: Max pressure for the valve is 125 psi.

2: **For Self-Piercing Valve:** Rotate valve handle fully counter-clockwise.  
   **For Drill-type Valve:** Rotate valve handle fully clockwise.  
   Insert rubber washer on underside of top clamp in center.  
   **NOTE:** If using a Drill-Type valve, OR if the supply line is steel, brass, PVC or CPVC, the supply line must be pre-drilled with a 1/4” hole where the valve is to be located. Always wear gloves and safety glasses. To reduce risk of electrical shock, use a cordless drill, or plug into a GFCI outlet.

3: Place one bolt through top saddle clamp and thread into bottom clamp a few turns.

4: **For Self-Piercing Valve on Copper Supply Lines:** Place the top clamp on the supply tube, then rotate the bottom clamp under the pipe and evenly tighten both bolts on the saddle clamps.  
   **For Self-Piercing Valve on Steel/Brass/PVC/CPVC Supply Lines:** Rotate valve handle fully clockwise to expose the piercing tip.  
   **NOTE:** the piercing tip is sharp, use caution when rotating the valve handle. Place the valve on the supply line so that the piercing tip is centered in the pre-drilled hole. Evenly tighten both bolts on the saddle clamps.  
   **For Drill-Type Valve:** Place the valve on the supply line so that the valve nipple is centered in the pre-drilled hole. Evenly tighten both bolts on the saddle clamps.

5: **For Self-Piercing Valve:** Load the nut/sleeve over the outlet tubing. When using poly outlet tubing, push the brass insert into the end of the poly tubing to reinforce the tube wall.  
   **For Drill-Type Valve:** Load the nut and ferrule over the outlet tubing. **NOTE:** Ferrule is brass and can be used for flexible copper outlet tubing. If poly outlet tubing will be used, a plastic ferrule must be used in place of brass ferrule. In addition, a brass insert must be installed into the end of the poly tubing to reinforce the tube wall.

6: Make sure the tubing is inserted completely into the valve outlet and hand-tighten the nut. Using a wrench, tighten the nut an additional 1 to 2 turns. Do Not Overtighten.

7: **For Self-Piercing Valve on Copper Supply Lines:** Slowly turn the valve handle clockwise as far as possible. This will drive the piercing tip into the copper supply line.

8: Turn on water supply to supply line and check for leaks.

9: To start the flow of water from the saddle valve, turn valve handle fully counter-clockwise. Check for water flow at the fixture being supplied and confirm there are no leaks at the valve.

**WARNING:** Cancer and Reproductive Harm. [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)