

Installation Instructions

Angle Valves, Straight Valves

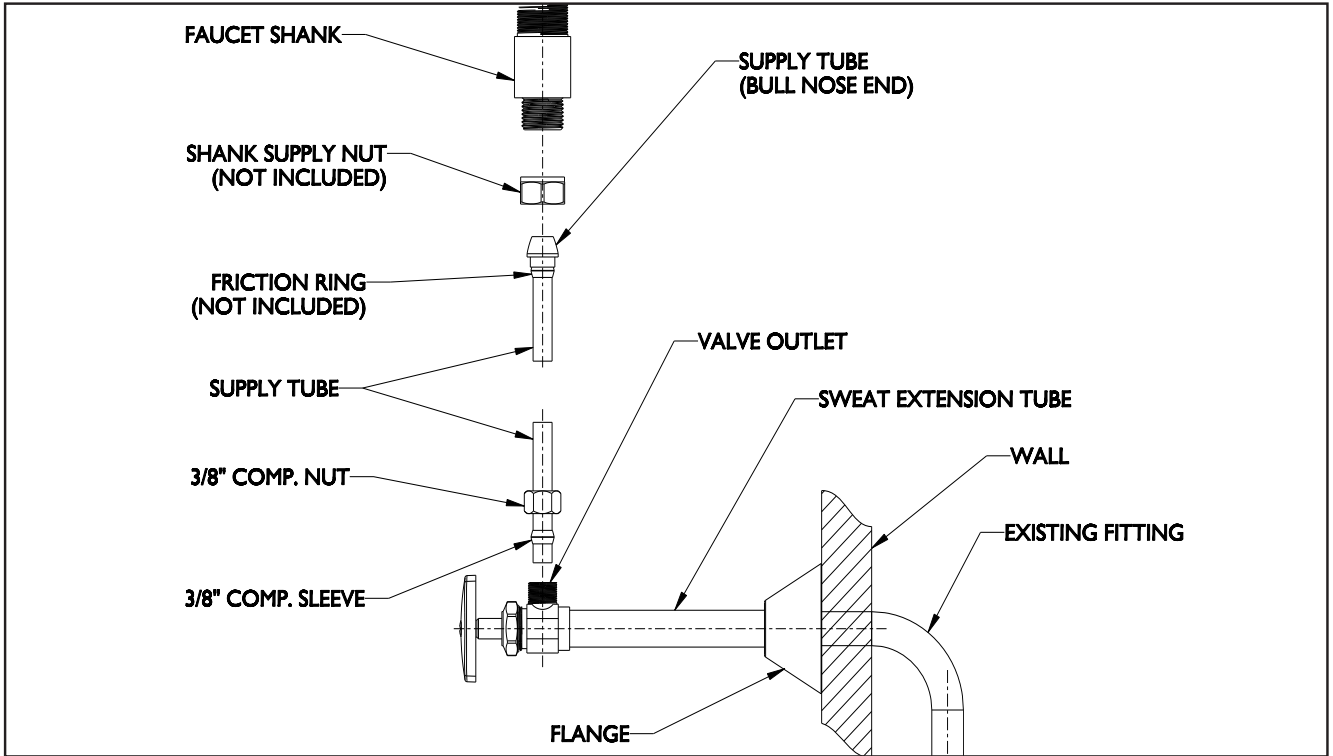
(for 1/2" Sweat installation)



Recommended Installation by a Professional Plumbing Contractor

! Warning: This product is for use with type L or M copper only per ASTM B88. This product is not designed to connect directly to pex tubing. A well-round OD stub out is required if used with pex tubing.

1. Turn off water supply before installation.
2. Slide sweat extension tube over existing 1/2" copper pipe wall fitting, sweat connection, may be cut to required length.
3. Cut sweat extension tube to length using a tube cutter.
4. Position valve outlet to allow for water supply hookup to faucet. Verify the valve outlet with supply tube installed is aligned with the faucet shank to ensure proper length.(see also step 6).
5. Remove flare on supply tube inlet by trimming 1/2".
6. Check length and alignment of supply tube between faucet shank to valve outlet, modify supply tube as necessary.
7. Slide friction ring & faucet supply nut, (not included) up to bull nose end of supply tube.
8. Place cone washer between supply tube flange and faucet shank.
9. Tighten supply nut to faucet shank.
10. Place compression nut and sleeve onto inlet end of supply tube.
11. A drop of general purpose oil will make tightening easier.
12. 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.
13. 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.
14. Hand tighten the compression nut onto the stop as far as it will allow.
15. Place protective tape on nut & tighten to valve outlet.
16. Using hand tools, tighten 3/4 turn from the hand tight position. Note: Make sure that the stop remains seated and square to the supply tube. If the stop is not square to the supply tube, this could affect the ability to get a good connection.
17. Sweat extension tube onto existing wall fitting.
18. Turn on water supply. If leaks appear, check alignment and carefully re-tighten.



Important notes for proper seal:

- Supply tube to have straight alignment into faucet shank & valve outlet.
- Any bending of supply tube shall be a minimum of 2" from either end.
- Allow 1/2" excess supply length to slip into valve outlet.
- After cutting ensure that tube is perfectly round and free of burrs.

Tools required: (2) adjustable wrenches, tube cutter, tube bender (if needed), protective tape