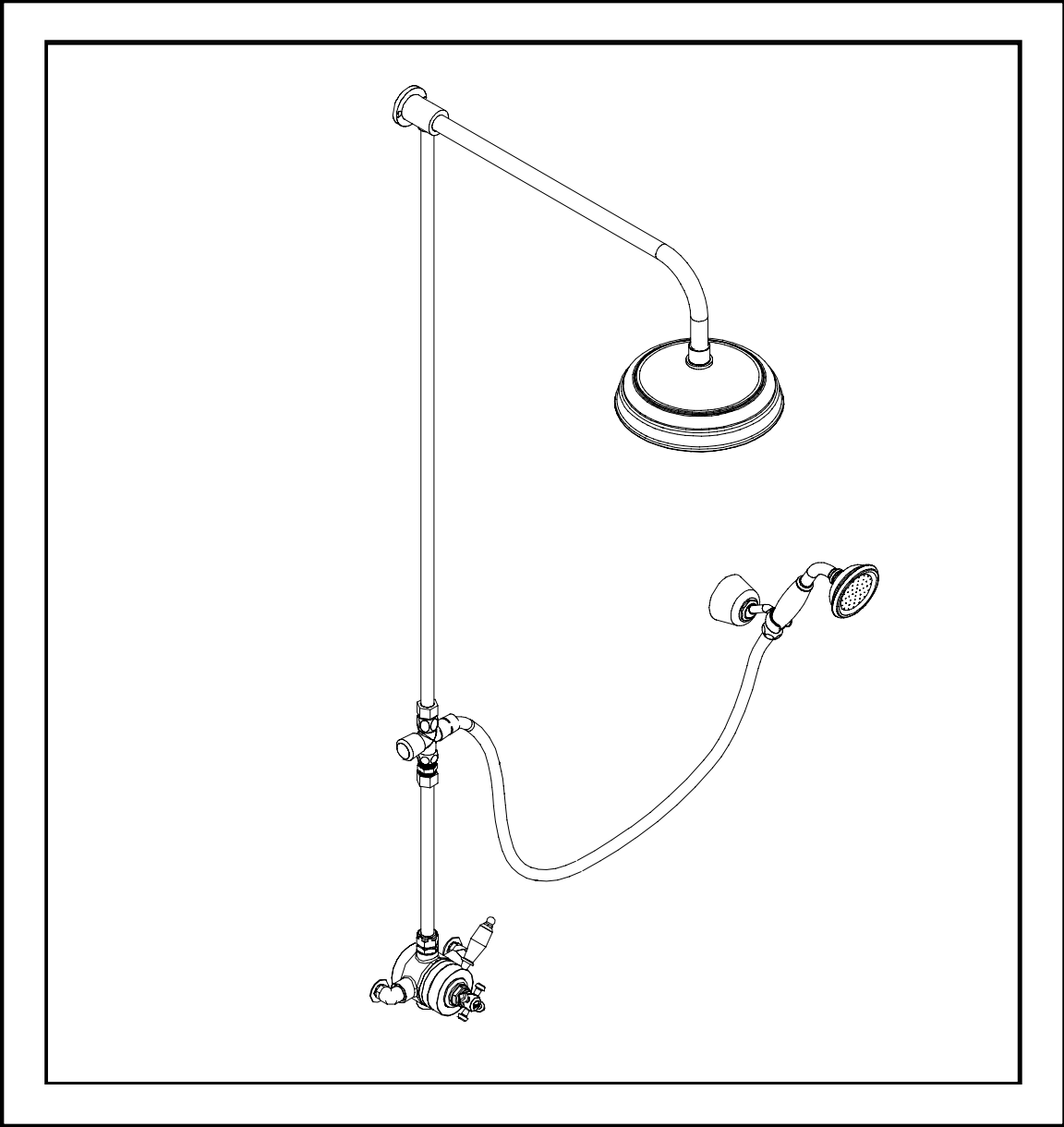




INSTALLATION INSTRUCTIONS



MODEL: Exposed Shower Set
(RH-1016)

General Characteristics

This valve is suitable for all water heating systems provided it is installed correctly.

In case of instantaneous heaters, hot water flow has to meet at least the minimum flow required by heater to maintain the ignition flame. (Specified by heater manufacturers.)

Operating Specifications

The temperature control knob is graduated from 75°F to 120°F.

Hot water supply temperature

Max.: 185°F

Min.: 41°F Higher than maximum required mixer temperature, prefer 50°F higher.

Minimum difference between hot and mixed temperature is 50°F.

Mixed outlet temperature

Recommended 100°F

Operating pressure

Max.: 75 PSI

Min.: 30 PSI

Operating pressure, (on hot & cold supply), should be kept as balanced as possible in order to assure maximum efficiency.

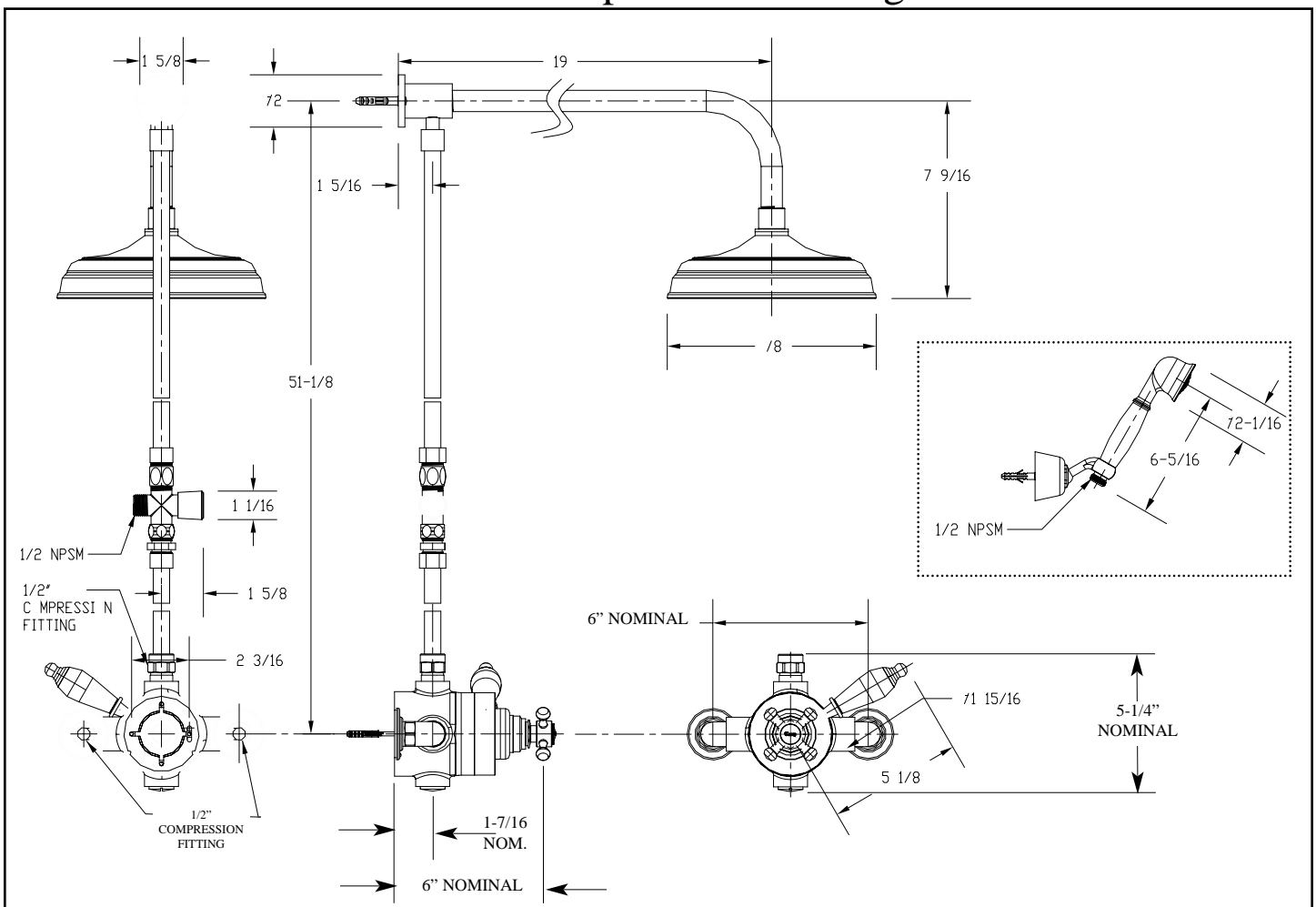
When the inlet pressure is higher than 75 PSI, a pressure reducer is required to be fitted before the valve.

Plumbing Recommendations

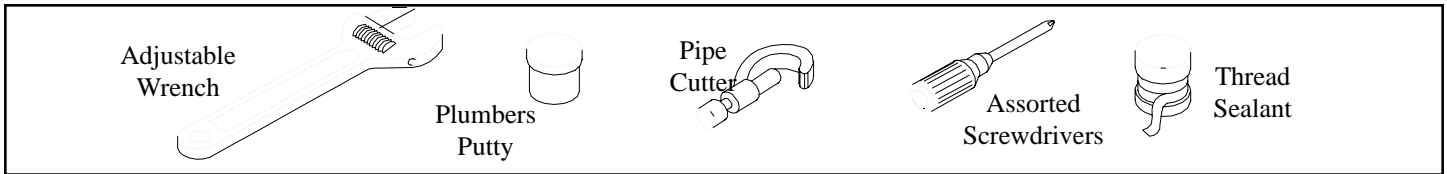
Water pipes must be well purged before installation of the mixers.

- An independent water supply (both hot and cold) is required for optimum performance.
- Large runs of pipe will cause frictional loss of pressure.
- The recommended pipe diameter from the water heater is 3/4", reducing to 1/2" within 2' from the valve.
- If more than one shower valve is installed, the minimum pipe diameter required for optimum performance from the water heater is 1", reducing to 1/2" within 2' from the valve.

Restoration Hardware Product Size Specification Diagram



Common tools needed:



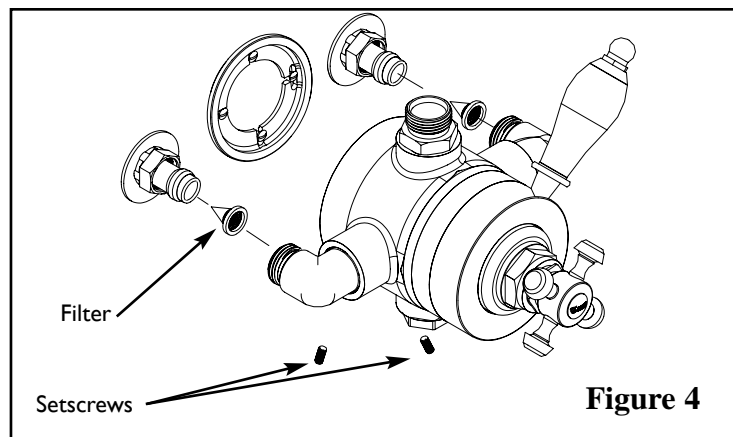
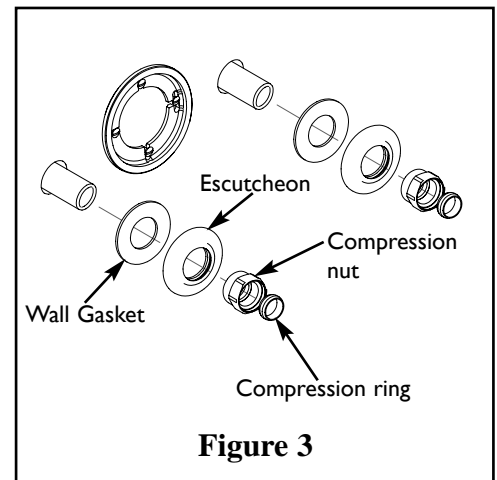
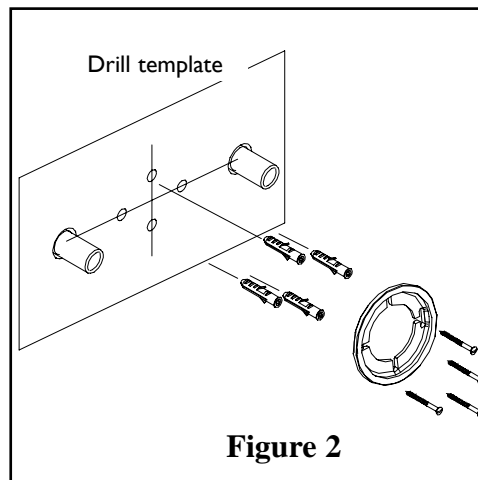
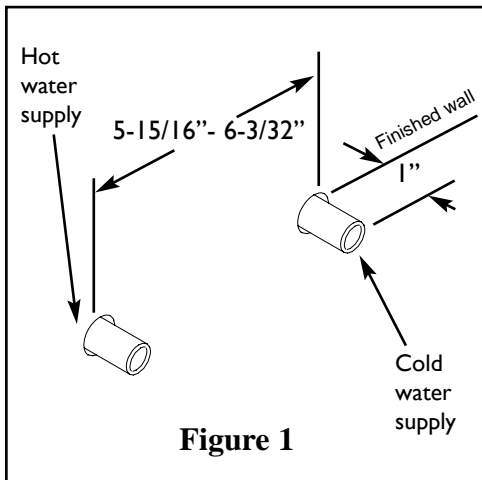
Recommended installation by a Professional Plumbing Contractor

The hot water supply pipe must be located on the left side of unit.

The inlet elbows are adjustable to provide 5-15/16" - 6-3/32" mounting center distance.

1. Thermo-Valve Installation

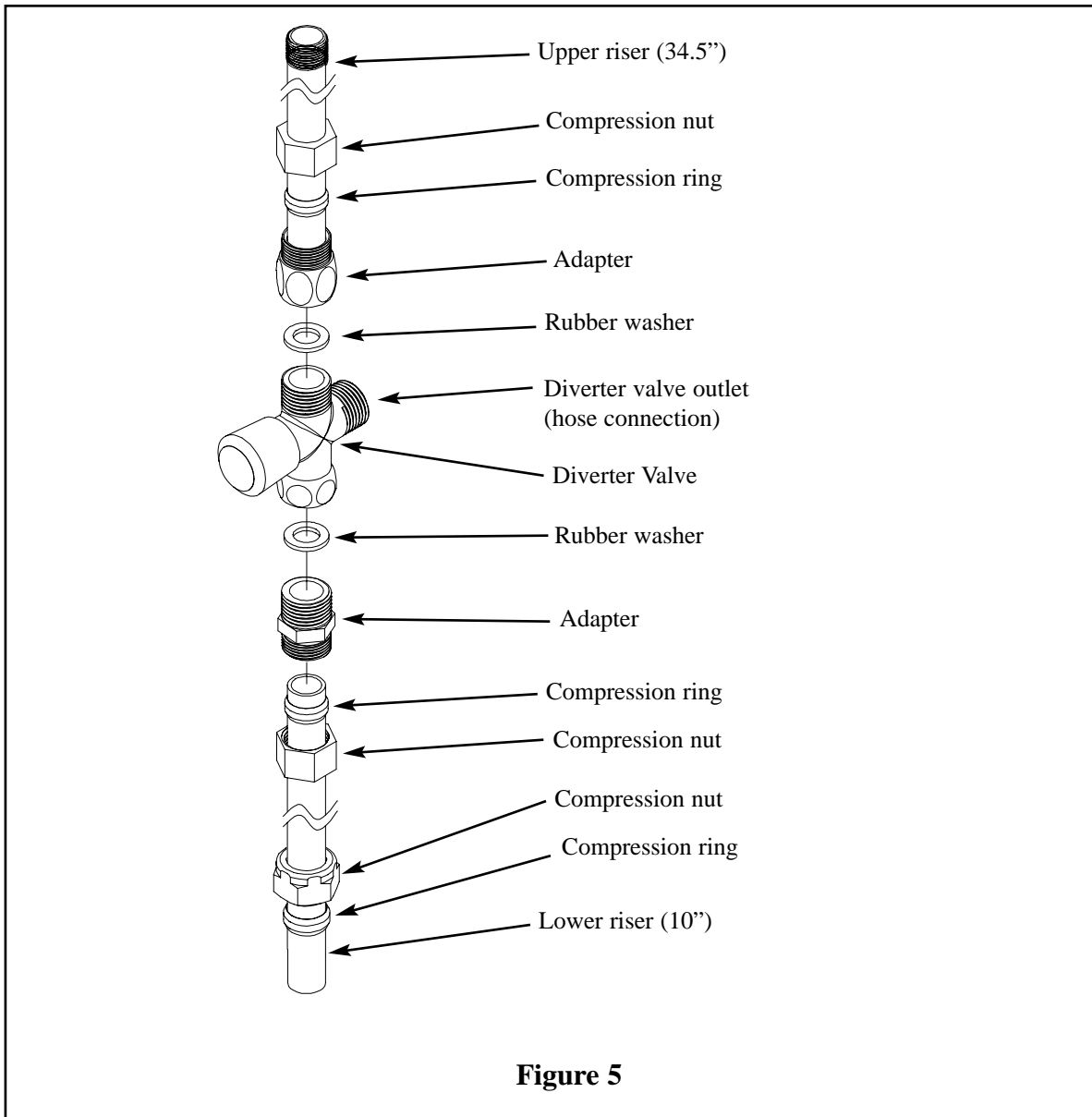
- Set up $\text{Ø}1/2''$ pipes at distance of 5-15/16" - 6-3/32" apart and 1" out from wall surface. See Figure 1.
- Place the adhesive template on the wall between the inlet pipes to locate the mounting bracket hole pattern. Drill and plug the 4 holes using the wall anchors provided. Screw the mounting bracket to the wall with the 4 screws provided. Ensure the chamfered face is against the wall. See Figure 2.
- Place the wall gasket, escutcheon with o-ring, compression nuts and compression rings onto supply pipes. See Figure 3.
- Fit the two locking setscrews into the base of the valve body. Place filters in supply pipes. Position the valve with the setscrews at the bottom. Place the valve over the mounting bracket and use the provided hex key to firmly tighten the setscrews. Thread compression nuts onto valve inlets. See Figure 4.
- Complete the shower installation in accordance with the instructions provided.



Use Teflon tape or equivalent to seal all threaded joints

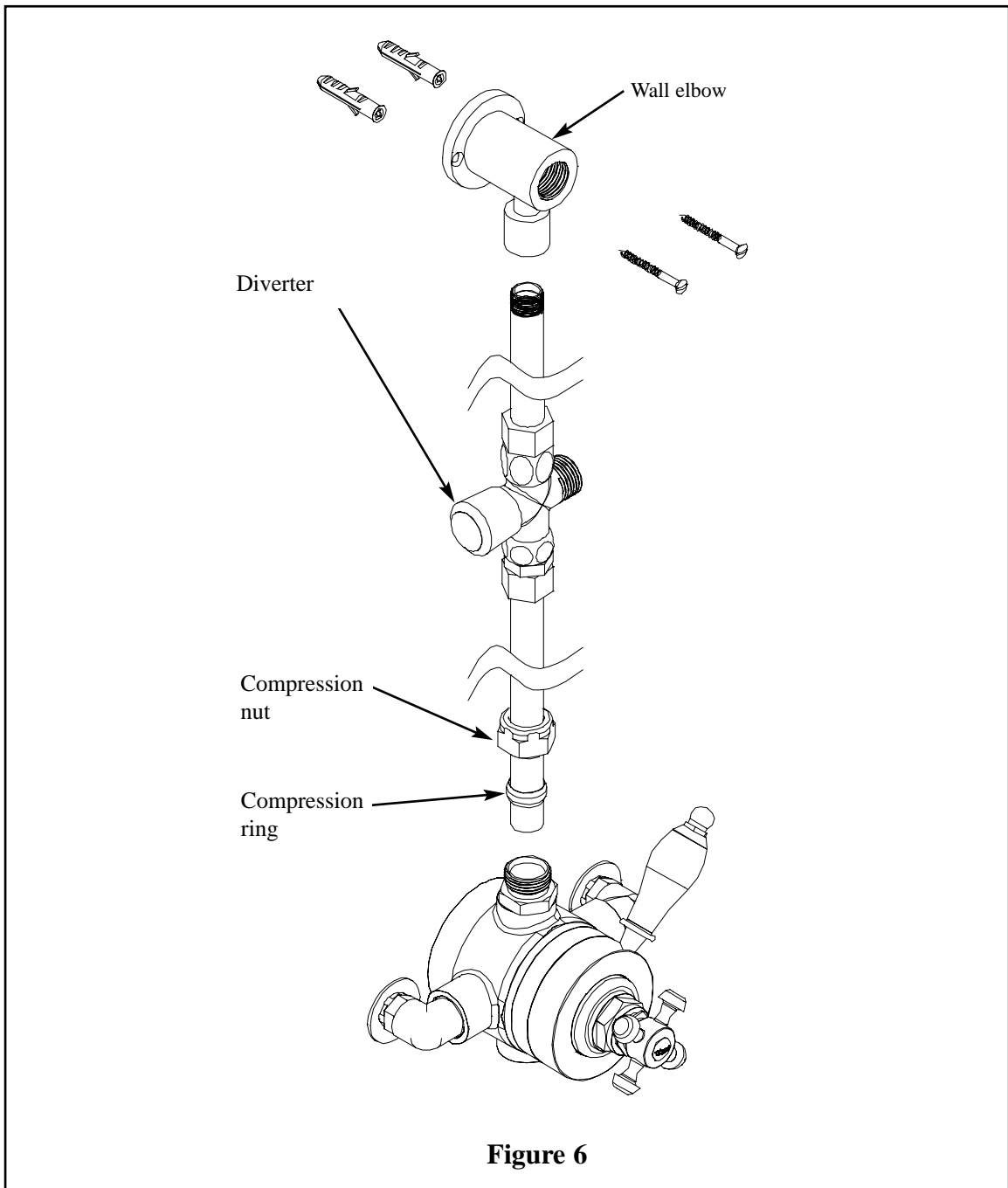
2. Riser/Diverter Assembly

- Assemble diverter valve between upper and lower risers. See Figure 5.



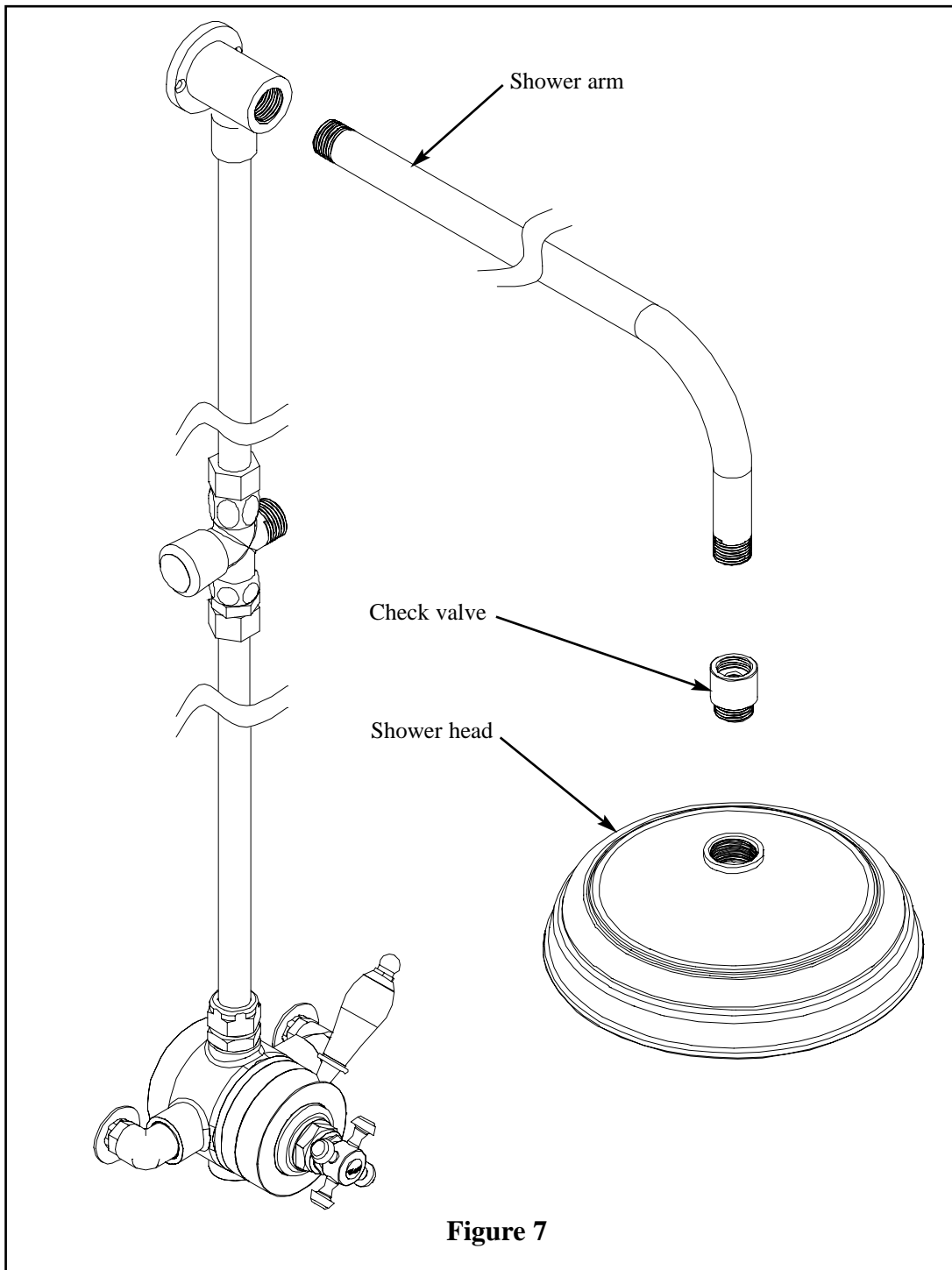
3. Elbow/Riser Location

- Assemble riser to wall elbow. Temporarily thread riser into valve to locate elbow height. Drill and plug the holes using the wall anchors provided. Re-install riser / elbow assembly and secure elbow to wall with screws provided. See Figure 6.



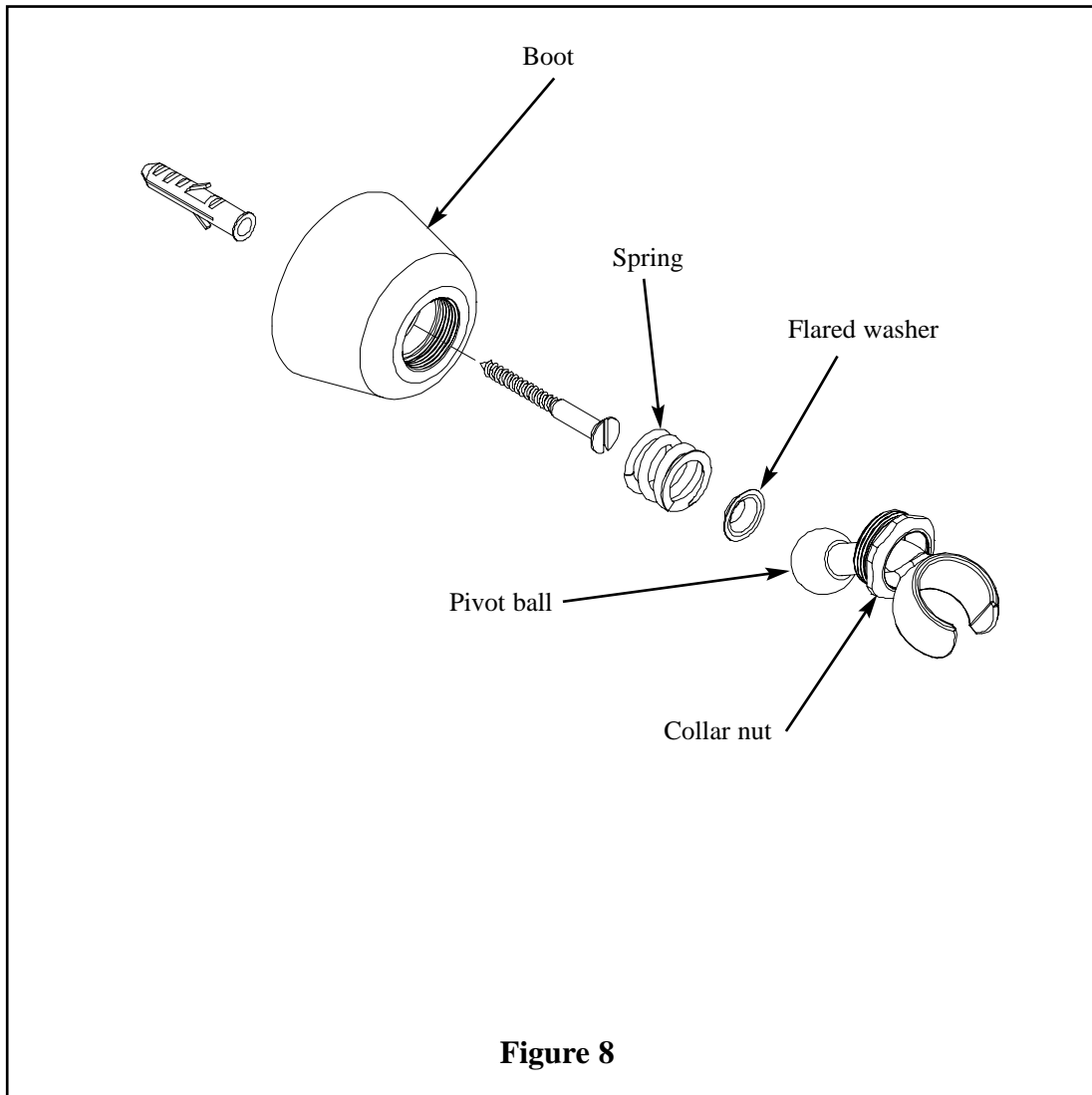
4. Shower Arm Assembly

- Thread shower arm into elbow. Thread check valve and shower head to shower arm. See Figure 7.
- Turn on water supply, check for leaks and make any final adjustments required.



5. Hand Shower Assembly

- Locate the desired position of hand shower bracket. Drill and plug the hole using the wall anchors provided. Secure boot into place with screw provided. Insert spring, flared washer and pivot ball into boot. Secure into place with collar nut. See Figure 8.
- Fasten hose to diverter valve outlet and hand shower unit.
- Turn on water supply, check for leaks and make any final adjustments required.



Care and Cleaning

The lustrous finish on your Restoration Hardware Bathware fixture should be treated with care. Improper handling or cleaning can damage the surface of any metal finish. Use a soft cloth to wipe clean. Avoid harsh abrasive cleaner. Water contains lime and other mineral deposits that will be left on the surface after the water has evaporated. You can prevent these deposits from forming by always wiping the fixture dry immediately after use.

Technical Support and Customer Service

For technical support in the installation of your Restoration Hardware Bathware fixture, please call 1-866-417-5207 weekdays between the hours of 7:00am and 4:00pm PST.

For other questions regarding your order, to order additional components of the Restoration Hardware Bathware Collection, to order replacement parts, or to address warranty issues, please contact Restoration Hardware Customer Service at 1-877-747-4671.