

1/2" NPT Male & Female Expansion Tank ball valve with drain T-Handle is designed for use drinking water



Safety instructions

1. Follow the installation instruction.
2. Limit of use: Operating pressures and temperatures.
3. Not suitable for fatigue loading, creep conditions, fire testing, fire hazard environment, corrosive or erosive service, transporting fluids with abrasive solids.
4. Threaded connections are tapered type (NPT) and should be made up according to industry standards.
5. Inspect and clean pipe threads on both components and piping.
6. Apply sealant, either pipe dope or tape to the threads.
7. Do not use a wrench on the main body of the component.

Step 1:

Free of impurities or dirt in pipes and valves;
Copper ends are smooth ,no sharp edges.
Check valves to operate smoothly.

Step 3:

Torque wrench and tongs should be located at the same side When tightening pipes ; a space to be left between pipe and thread bottom when fully tightening.

Step 5:

Check thread connections for leaks.

Step 2:

Valve should be kept in close status when installation.
Apply sealant either the pipe to the threads.

Step 4:

Handle should be aligned with pipe when the valve is fully opening; The center line of a valve and that of copper pipes should be overlapped.

Maintenance & storage

1. All valves can be designed to maintenance free.
2. Valves need be stored in a dry & clean warehouse and remain opening status, both ends of valves should be protected to prevent from dust, dirt ,etc.
3. Check the valve marking and certificates before installing.
4. Valves and pipes must be cleaned thoroughly and then install ; a filter is recommended to assemble at the inlet end .

WARNING:

When installing a valve with threaded ends to steel pipe; Always use the flats on the hexagon at the end being fitted to the pipe. Always use a correctly sized spanner or wrench on the flats provided. To open the valve, the handle or key is rotated anti-clockwise to a positive stop.

Note: The operator should use suitable hand protection at extreme temperature conditions.

Note: Rapid closure of a quarter turn valve on liquid services may cause system water hammer*

Ball valves have PTFE body seats and should only be used in the full open or dosed positions.

For operation purposes the ball valve is provided with either a lever handle, T-handle or Lock shield.