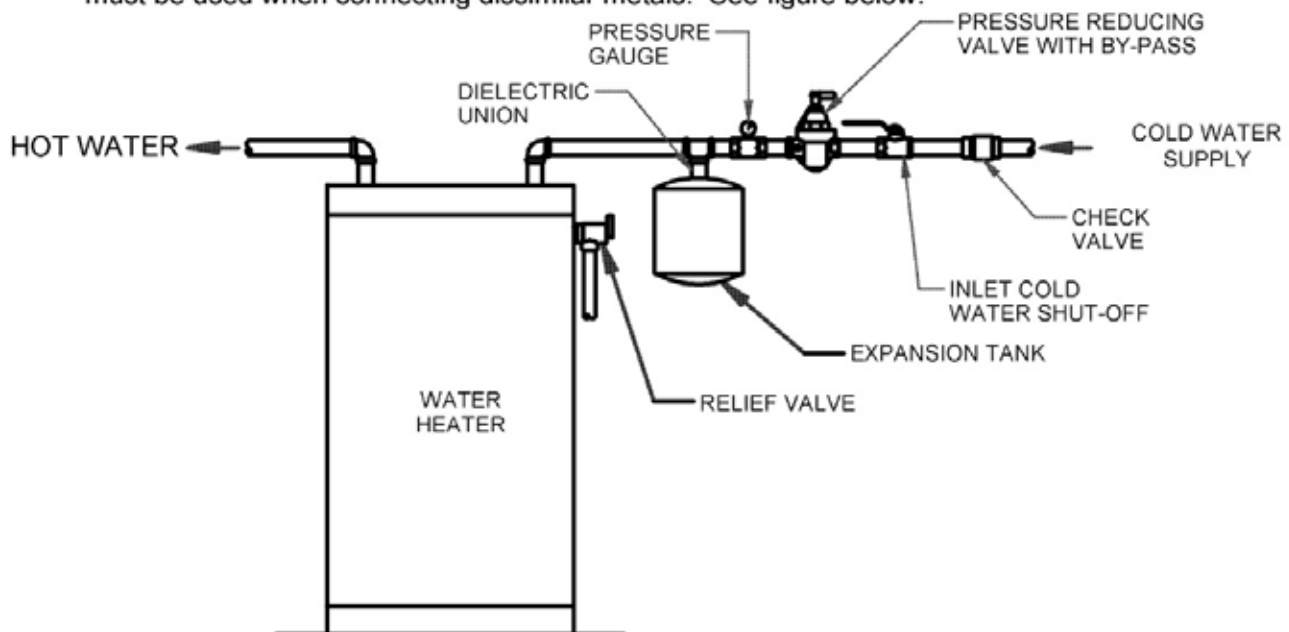


PRE-INSTALLATION

1. Remove the plastic cap on the air fitting and check for the correct factory air setting with an air gauge. (Potable Water Expansion Tank precharged to 40 PSI).
2. To obtain maximum effectiveness and to prolong tank life, adjust the tank precharge to equal the line pressure. This can be done with an air compressor or a bicycle pump.
3. Replace and tighten the plastic cap on the air fitting.

INSTALLATION PROCEDURE

1. Shut off the power to the water heater.
2. Shut off the cold water supply to the water heater.
3. Drain the water from the water heater. Open a faucet, fixture, or relief valve to prevent vacuum build-up.
4. Install the expansion tank on the cold water supply of the water heater at a point between the water heater and the backflow preventer, check valve, or pressure reducing valve. A dielectric union must be used when connecting dissimilar metals. See figure below:



OPERATION

1. Once installed, check the cold water supply for leakage.
2. Open any hot water fixture and draw water until all air is removed from the system. Consult the water heater instructions and turn the temperature control to the desired ending temperature.
3. To relieve initial thermal expansion, slightly open a hot water faucet. Leave it open until the water heater operating temperature is reached. Once the water heater has reached the operating range, no further bleeding of the expanded water is required.
4. The system is now operational. The thermal expansion tank will control pressure increases caused by thermal expansion to a level well below the water heater relief valve setting.

'Apollo' Valves

POTABLE WATER EXPANSION TANK INSTALLATION AND OPERATION INSTRUCTIONS

LOCATION

1. The location selected should be indoors in an area not subject to freezing.
2. The items which must be installed in sequence in the cold water line are (1) the EXPANSION TANK must be installed at least 18 inches away from the cold water inlet fitting on the water heater, (2) the PRESSURE GAUGE, and (3) the PRESSURE REDUCING VALVE, if required. See figure below:
3. The expansion tank is designed to be supported by the system piping in the vertical position. If however, the expansion tank must be installed horizontally, as shown below, it must be supported by adequate strapping (not supplied).
4. The expansion tank, pipes, and your connections may, in time, leak. Put the expansion tank in a place where a water leak will not damage anything. The expansion tank should be located in an area where water leakage from the tank or connections will not result in damage to the area around the expansion tank or to the lower floors of the structure. The manufacturer is not responsible for any water damage in connection with this expansion tank.

