

# ProStock

## EXP2 Potabile Water Expansion Tank

# Installation Manual

## Installation

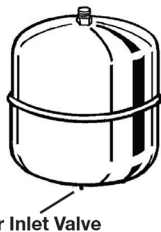
- Before beginning installation determine the system pressure.
  - Open a faucet to allow the system pressure to equalize.
  - Close faucet.
  - Read the system pressure at the pressure gauge (Figure 1).
- The expansion tank pre-charge must be set to the system pressure as determined in Step 1. Pre-charge prior to installation in the system.

**Caution:** Pre-charge prior to installation in the system. Do not adjust the air pre-charge of the expansion tank with the system under pressure. The air pre-charge should only be adjusted under zero system pressure.

**Note:** The normal pre-charge is 20psi (138 kPa).

**Do not exceed 80psi.** If system pressure exceeds 80psi (5.5 bar) it will be necessary to either: **A.** Add a pressure reducing valve to the system or, **B.** Locate the expansion tank in a riser where the static pressure is below 80psi (5.5 bar).

- Unscrew the protective cap from the air inlet valve.
- Using a tire pressure gauge, check the tank pre-charge pressure.
- If necessary, pressurize the tank to the proper setting using a manual bicycle tire pump. **Caution do not exceed 80psi.**
- Replace the protective air cap.



- Shut off the water supply valve.
- Shut off power source to the water heater, (electricity, gas, oil burner switch) and drain system following water heater manufacturer recommendations.
- Install the expansion tank in the system (refer to Figure 1).
  - The weight of the expansion tank filled with water is supported by the system piping. Therefore, it is important that, where appropriate, the piping has suitable bracing (strapping, hanger, brackets).
  - The expansion tank may be installed vertically (preferred method) or horizontally. **Caution: The tank must be properly supported in horizontal applications.**
  - This expansion tank, as all expansion tanks, may eventually leak. **Do not install without adequate drainage provisions.**
- Turn on the water supply valve.
- Open a hot water fixture and allow water flow until all air is removed from the system.
- Reapply power to the water heater.
- Open a hot water fixture to allow a slight flow until the hot water has reached operating temperature.
- Recheck system pressure following Step 1.a through c.

