



## Pressure Tank Installation and Operating Instructions

### Rules for Safe Operation

This is a diaphragm type pressure tank for use on a cold, well water system. The system must be protected by a suitable relief valve.

**Warning: failure to install a relief valve may result in tank explosion in the event of a system malfunction, resulting in property damage, serious personal injury or death.**

Be sure that electric power to the pump or control box is disconnected before installing or servicing this tank or water system.

Installation must be in accordance with local or state plumbing codes.

Be sure to protect tank, piping and all system components from freezing temperatures.

If diaphragm tank is replacing a plain steel galvanized tank be sure to remove existing air volume controls, and remove or plug any bleeder valves, snifter valves, etc.

**Check tank precharge with ordinary tire gauge.**

**Precharge should be equal to, or 2 psi below, pressure switch cut-in setting.**

Cut-in PSI	Cut-off PSI	Pre-Charge Pressure
20	40	18 PSI
30	50	28 PSI
0	60	38 PSI

1. Lay carton on its side.
2. Open bottom flaps and pull tank just until hole in tank skirt is visible.
3. Install nipple, and/or Tank "T" and other required fittings.
4. Stand tank upright and lift off carton and protective bag.
5. Locate tank where it is to be installed.
6. If flooring is uneven, level as necessary.
7. Make pipe connections as necessary in accordance with local codes. Pipe size from tank to service should be the same as pipe size from pump to tank.

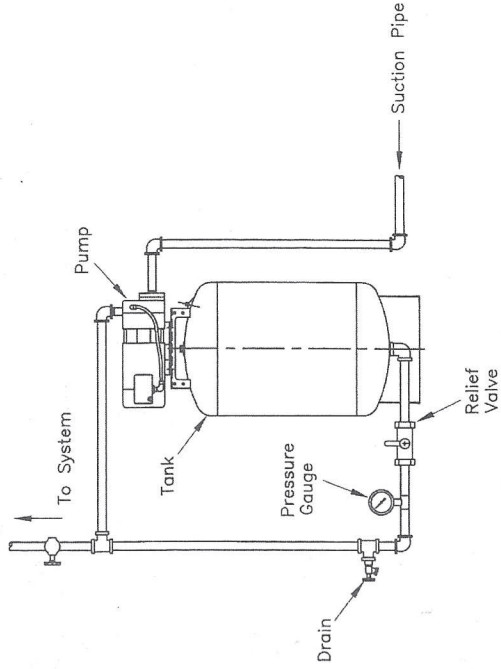
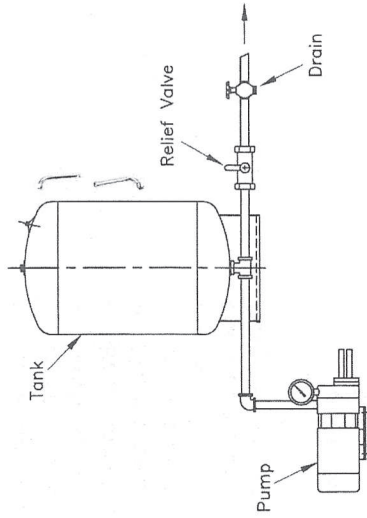
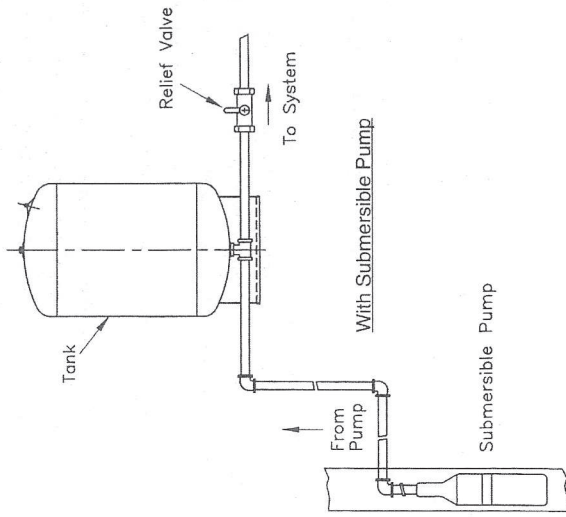
#### **A word on pressure switch settings:**

Many pressure switches today have a fixed differential of 20 psi with only one adjusting nut for cut-in pressure. Cut-in plus differential equals cut-out pressure.

Do not adjust air charge in tank beyond what your desired cut-in pressure is. Check air charge in tanks with tire gauge before starting pump. Operating pressure adjustments should be made only to the cut-in pressure adjusting nut on the pressure switch.

On those pressure switches having a differential pressure adjustment nut, it is advisable to leave it alone. Adjust cut-in pressure (the tall nut) only.

TYPICAL INSTALLATIONS



TYPICAL MULTIPLE TANK INSTALLATIONS

