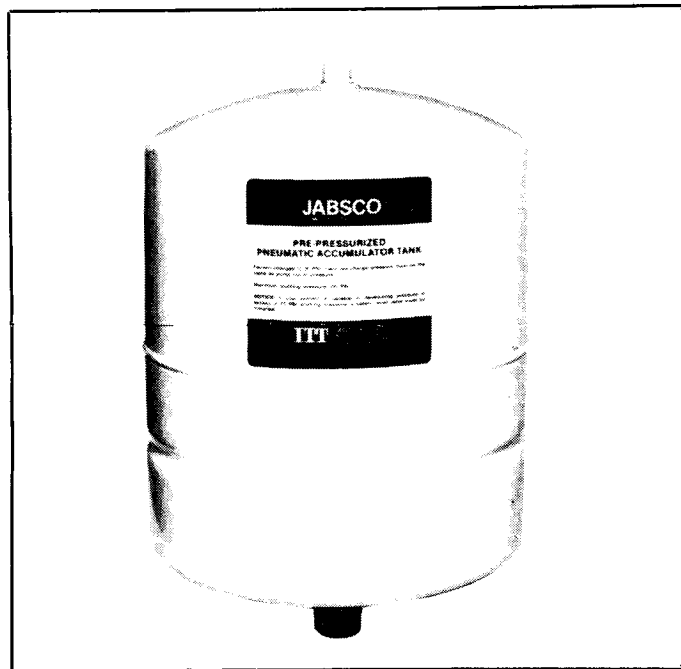


PAR[®]

PRESSURE ACCUMULATOR TANK

MODEL 18810-0000

PRODUCT DATA



FEATURES

- IAPMO listed.
- Smooth flow from faucets.
- Reduces pump cycling.
- Precharged air cushion.
- Eliminates pulsations and water hammer.
- Diaphragm between water and air.
- Polypropylene water reservoir.
- Includes mounting brackets with mounting assembly.

SPECIFICATIONS

Port:	3/4" NPT
Dimensions:	8"x12-3/4"
Air Valve:	Standard Tire Valve
Precharge Pressure:	20 p.s.i. (140 kPa)
Maximum Working Pressure:	75 p.s.i. (525 kPa)
Volume:	2.0 Gallons (7-1/2 L)
Working Water Volume:	0.9 Gallon (3-1/2 L)
Shipping Weight:	5.5 lbs. (2,5 kg)

MODEL 18810-0000
ACCUMULATOR TANK

INSTALLATION

Mount pressure accumulator on bulkhead near water pressure system pump. Tank may be mounted vertically or horizontally, which ever is most convenient. Plumb to 3/4" NPT port with minimum 1/2" pressure line. (If tank is very close to pump, 3/8" plumbing may be used.)

PRECHARGE PRESSURE

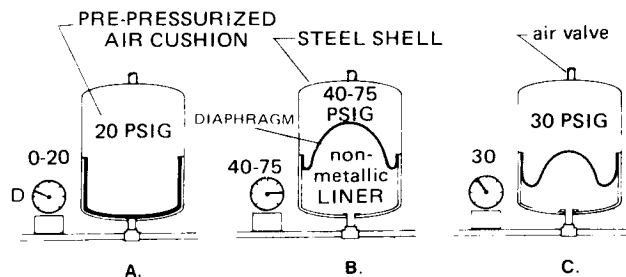
Precharge pressure must match pump cut-in pressure, the pressure at which the pump restarts. The tank is precharged from the factory at 20 p.s.i. (140 kPa) which is the most common cut-in pressure. If your pump specification states cut-in pressure between 17 and 20 p.s.i. (120 and 140 kPa), no adjustment is necessary. If your pump cut-in pressure is above or below this range, shut pump off, open a faucet to relieve system pressure and adjust precharge pressure using ordinary tire gauge and tire pump at valve in top of tank. Pressure should be checked from time to time and adjusted if necessary. **DO NOT PRESSURIZE TANK ABOVE 75 PSI.**

RELIEF VALVE RECOMMENDED

When used in a system with a pump that can pump in excess of 100 p.s.i., it is recommended that a relief valve with a setting of 75 p.s.i. be installed. Often a relief valve is already installed at the water heater. Check its setting.

THE PRODUCT DESCRIBED HEREIN IS SUBJECT TO THE JABSCO[®] ONE YEAR LIMITED WARRANTY, WHICH IS AVAILABLE FOR YOUR INSPECTION UPON REQUEST.

HOW THE PRESSURE ACCUMULATOR WORKS



- Factory installed precharged air cushion.
- When pump starts, water enters the reservoir. At maximum pressure, system is filled. Pump shuts off.
- When water is demanded, pressure in the air chamber forces water into the system. Pump stays off until minimum pressure is reached. Then pump turns on.

ITT JABSCO

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