

JABSCO®

Model 18810-0000

PRESSURE ACCUMULATOR TANK

FEATURES

- 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
- IAPMO listed
- NSF Certified-Standard 61

SPECIFICATIONS

Port:	3/4" NPT
Dimensions:	8"x12-3/4"
Air Valve:	Standard Tire Valve
Precharge Pressure:	20 psi (1.4 bar)
Maximum Working Pressure:	75 psi (5.2 bar)
Volume:	2.0 Gallons (7-1/2 L)
Working Water Volume:	0.9 Gallon (3-1/2 L)
Shipping Weight:	5.5 lb (2,5 kg)

INSTALLATION

Mount pressure accumulator on bulkhead near water pressure system pump. Tank may be mounted vertically or horizontally, whichever 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 psi (1.4 bar) which is the most common cut-in pressure. If your pump specification states cut-in pressure between 17 and 20 psi (1.2 and 1.4 bar), 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.

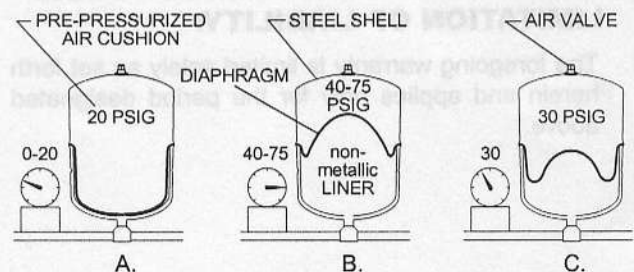


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RELIEF VALVE RECOMMENDED

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

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.