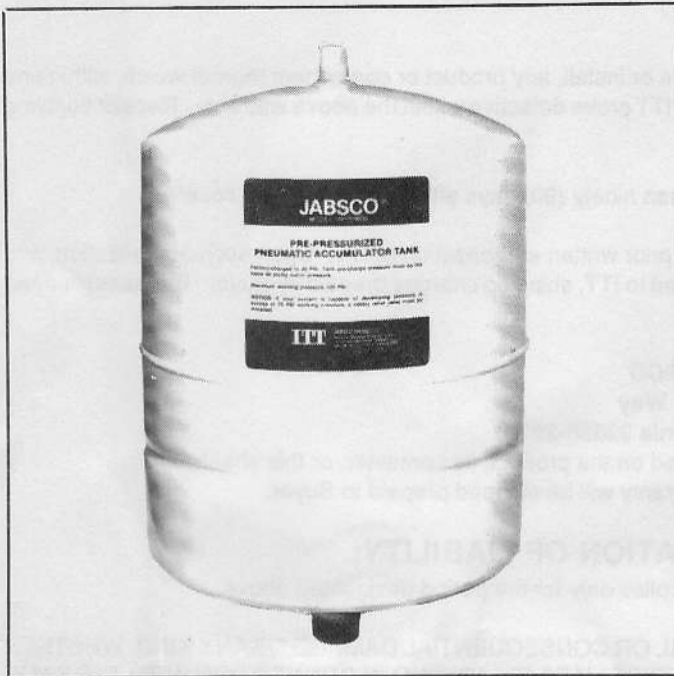


PAR[®]

Model 18810-0000

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

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.)

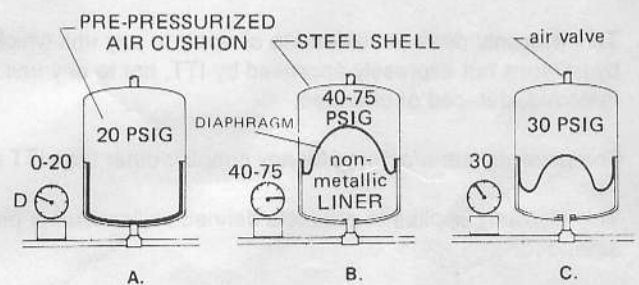
PRECHARGE PRESSURE

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.**

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



- A. Factory installed precharged air cushion.
- B. When pump starts, water enters the reservoir. At maximum pressure, system is filled. Pump shuts off.
- C. 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.

One Year Limited Warranty

A. LIMITED WARRANTY: ITT warrants that at the time of shipment, the products manufactured by ITT and sold hereunder shall be in conformity with applicable written specifications and descriptions referred to or set forth herein, free from defects in material and workmanship, merchantable, and suitable for a particular purpose, provided such is implied by State law under the circumstances of this sale.

B. WARRANTY ADJUSTMENT:

1. ITT agrees to repair or furnish a replacement for, but not to remove or install, any product or component thereof which, within one (1) year from date of purchase, shall upon test and examination by ITT prove defective within the above warranty. Receipt verifying purchase date is required to obtain adjustment.
2. Buyer shall notify ITT of any defect within this warranty no later than ninety (90) days after the defect is discovered.
3. No product will be accepted for return or replacement without the prior written authorization of ITT. Upon such authorization, and in accordance with instructions from ITT, the product will be returned to ITT, shipping charges prepaid by Buyer. Products returned to ITT will be addressed as follows:

ITT JABSCO
1485 Dale Way
Costa Mesa, California 92626-3998

Or to such alternate locations as may be designated on the product, its container, or this sheet.
Repair or replacement made under this warranty will be shipped prepaid to Buyer.

C. EXCLUSIONS FROM WARRANTY AND LIMITATION OF LIABILITY:

1. The foregoing warranty is limited solely as set forth herein and applies only for the period designated above.
2. ITT SHALL NOT BE LIABLE FOR ANY LOSS, DAMAGE, SPECIAL OR CONSEQUENTIAL DAMAGE OF ANY KIND, WHETHER BASED UPON WARRANTY, CONTRACT, NEGLIGENCE, OR STRICT LIABILITY ARISING IN CONNECTION WITH THE SALE, USE, OR REPAIR OF THE PRODUCT.
3. THE MAXIMUM LIABILITY OF ITT IN CONNECTION WITH THIS WARRANTY SHALL NOT IN ANY CASE EXCEED THE CONTRACT PRICE FOR THE PRODUCT CLAIMED TO BE DEFECTIVE OR UNSUITABLE.
4. This warranty does not extend to any product manufactured by ITT which has been subjected to misuse, neglect, accident, improper installation, or use in violation of instructions furnished by ITT.
5. This warranty does not extend to or apply to any unit which has been repaired or altered at any place other than ITT's factory, or by persons not expressly approved by ITT, nor to any unit the serial number, model number, or identification of which has been removed, defaced or changed.
6. Components manufactured by any supplier other than ITT shall bear only that warranty made by the manufacturer of that product.
7. This warranty applies to products defined as "consumer products" by the Consumer Product Warranties Act as from time to time amended.

D. CONSUMER RIGHTS: This warranty gives you specific legal rights, and you may have other rights which vary from state to state. Some states do not allow exclusion or limitation of damages.

STANDARD WARRANTY: If the products manufactured and sold hereunder are not Consumer Products, the warranty extended to Buyer shall be as set forth in subparagraphs (A), (B), and (C), **EXCEPT THAT ALL EXPRESS OR IMPLIED WARRANTIES OR MERCHANTABILITY OR SUITABILITY FOR ANY PARTICULAR PURPOSE ARE EXCLUDED.**

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