

JABSCO

a xylem brand

Model 18810-0000

Pressure Accumulator Tank

INSTALLATION AND OPERATION MANUAL



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

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.

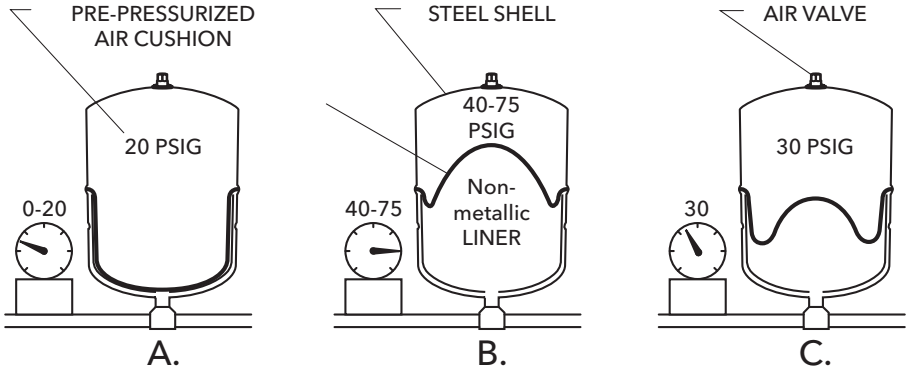


CAUTION: Do not overpressure tank. Pressures over 75 psi (5.2 bar) may rupture tank and cause personal injury or property damage.

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.



WARNING:

Do not use tank if it presents some damage.



NOTICE: END OF LIFE PRODUCT DISPOSAL.

Handle and dispose of all waste in compliance with local laws and regulations.

WARRANTY

XYLEM LIMITED WARRANTY WARRANTS THIS PRODUCT TO BE FREE OF DEFECTS AND WORKMANSHIP FOR A PERIOD OF 1 YEAR FROM DATE OF MANUFACTURE. THE WARRANTY IS EXCLUSIVE AND IN LIEU OF ANY AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES, GUARANTEES, CONDITIONS OR TERMS OF WHATEVER NATURE RELATING TO THE GOODS PROVIDED HEREUNDER, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED AND EXCLUDED. EXCEPT AS OTHERWISE PROVIDED BY LAW, BUYER'S EXCLUSIVE REMEDY AND SELLER'S AGGREGATE LIABILITY FOR BREACH OF ANY OF THE FOREGOING WARRANTIES ARE LIMITED TO REPAIRING OR REPLACING THE PRODUCT AND SHALL IN ALL CASES BE LIMITED TO THE AMOUNT PAID BY THE BUYER HEREUNDER. IN NO EVENT IS SELLER LIABLE FOR ANY OTHER FORM OF DAMAGES, WHETHER DIRECT, INDIRECT, LIQUIDATED, INCIDENTAL, CONSEQUENTIAL, PUNITIVE, EXEMPLARY OR SPECIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF PROFIT, LOSS OF ANTICIPATED SAVINGS OR REVENUE, LOSS OF INCOME, LOSS OF BUSINESS, LOSS OF PRODUCTION, LOSS OF OPPORTUNITY OR LOSS OF REPUTATION. THIS WARRANTY IS ONLY A REPRESENTATION OF THE COMPLETE LIMITED WARRANTY. FOR A DETAILED EXPLANATION, PLEASE VISIT US AT www.xylem.com/en-us/support/, CALL OUR OFFICE NUMBER LISTED, OR WRITE A LETTER TO YOUR REGIONAL OFFICE.

RETURN PROCEDURE

Warranty returns are conducted through the place of purchase. Please contact the appropriate entity with a receipt of purchase to verify date.



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