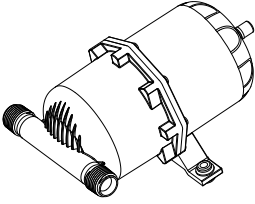


PRESSURIZED ACCUMULATOR TANK

INSTALLATION & OPERATION

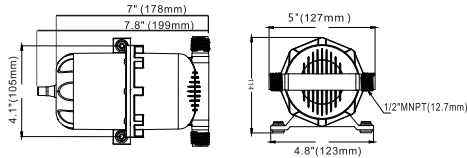


PRODUCT SPECIFICATIONS

internal volume: 0.75 L (23.5 oz)
 Pre-charge pressure: 10 psi (0.7 bar)
 Max operating pressure: 125 psi (8.6 bar)
 Air fill valve: standard automotive style tire valve
 Inlet/Outlet Dia: 1 / 2" MNPT
 Weight: 360g
 Dimensions: 8.1" (205 mm) × 4.6" (116 mm)
 Approve: CE

FEATURES

Internal bladder
 Smoother, more even flow
 Quieter water system
 Longer pump life
 Easily fitted to new or existing systems
 Compact size
 1/2" MNPT port fittings
 Mounting point for optional pressure switch
 Food grade materials.



IMPROVES MOST AUTOMATIC WATER SYSTEMS

This accumulator tank is intended for installation in any pumped water system controlled by a pressure switch. The tank can serve as a storage vessel as well as a pulsation dampener for pressurized fluid. The accumulator tank smooths water flow and reduces on/off switch cycling of the pump by lessening the variation in pressure and flow between the pump and the system discharge points. The even flow of water gives better control of hot water temperature with systems using instant water heaters.

TYPICAL INSTALLATION

Disconnect power supply to pump. Open the faucet or appliance discharge valve. Tank installs anywhere in-line on discharge side of pump. Fasten hose to inlet/outlet fittings securely with hose clamps. Failure to do so may result in flooding and/or equipment damage. Restore water supply, then restore power supply. Allow water to flow through pump and out final discharge point in order to eliminate air from system. Tank may be mounted in any position. To remove the tank from the system, always disconnect power source to the pump, and open a faucet or appliance to safely vent water under pressure.

WARNING

Read instruction manual before installing or operating the pump, do not use to pump gasoline, petrol or fluids with flash point below 37° C (98° F). explosion or death may occur.

Do not over pressurize tank. Pressures over 125 psi (8.6 bar) may rupture tank and cause personal injury.

IMPORTANT

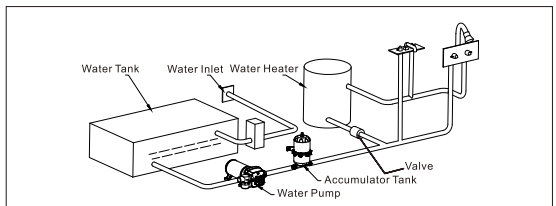
Internal bladder pre-pressurized to 10 psi (0.7 bar)

Before use adjust air pressure in tank 3 psi (0.2 bar) below water pump switch cut in pressure.

PRE-CHARGE PRESSURE ADJUSTMENT

The accumulator tank is pre-charged at 10 psi (0.7 bar). If your pump's electric pump cut-in pressure is significantly different, you may adjust the tank pressure to better suit your particular installation.

To increase air pressure in tank, shut pump off, open a faucet to relieve system pressure, and adjust pre-charged pressure using ordinary tire gauge and tire pump at valve in end of tank. Pressure should be checked regularly. To check tank pressure: turn off power to water pump, open a faucet to relieve pressure. Check tank pressure, adjust if necessary. Close faucet and turn on power to pump.



HOW THE PRESSURE ACCUMULATOR WORKS

- A. Factory installed pre-charged 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 starts and runs until cut-off pressure is reached.