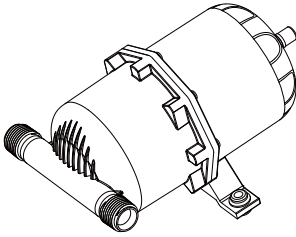


PRESSURIZED ACCUMULATOR TANK INSTALLATION & OPERATION



FEATURES

- Internal bladder
- Smoother 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

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 in-let/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

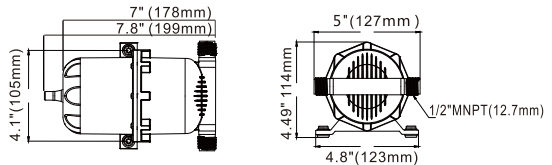
Internal bladder pre-pressurized to 10 psi (0.7 bar).

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

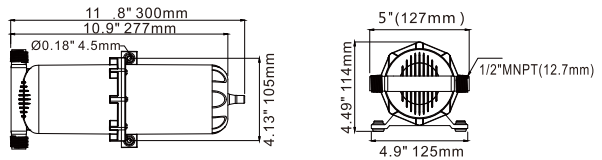
IMPROVES MOST AUTOMATIC WATER SYSTEMS

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.

DIMENSIONS



SFAT-075-125-01



SFAT-100-125-01

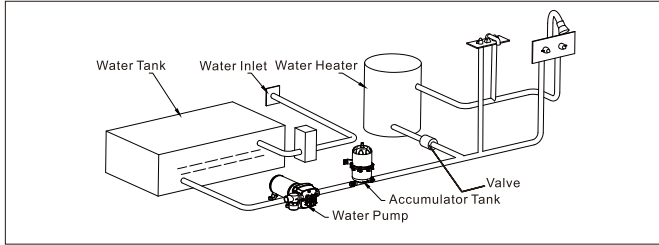
PRODUCT SPECIFICATIONS

Model	Internal Volume	Pre-charge Pressure	Max Operating Pressure	Air Fill Valve	Inlet/Outlet Dia	Weight	Dimensions	Approve
SFAT-075-125-01	0.75L (25.3 FL.OZ)	10PSI/0.7BAR	125PSI/8.6BAR	Standard auto-motive style tire valve	1/2" MNPT	360g	8.1"(205mm) x 4.6"(116mm)	CE, ROHS
SFAT-100-125-01	1.0L (33.8 FL.OZ)	10PSI/0.7BAR	125PSI/8.6BAR	Standard auto-motive style tire valve	1/2" MNPT	480g	12"(300mm) x 4.6"(114mm)	CE, ROHS

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-out pressure is reached.