



tigerexped

TEX4425
V.1 EN

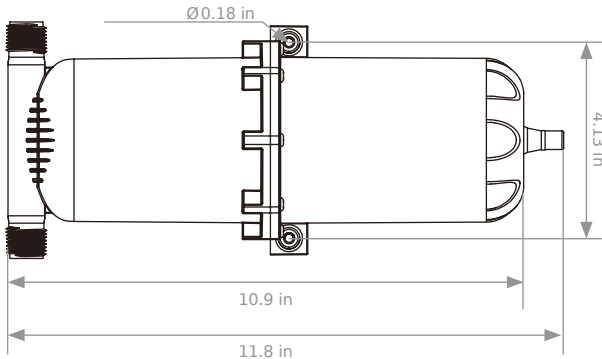
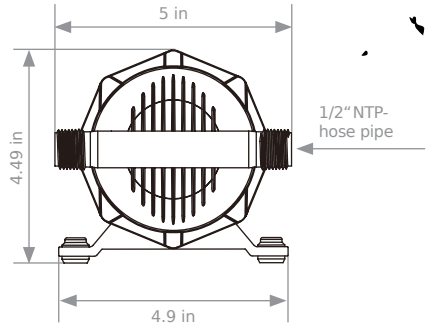
ACCUMULATOR TANK
1.0 Liter

water

PRODUCT SPECIFICATIONS



Model	1.0
Volume	1.0 l (25.3 fl oz)
Inlet pressure	0.7 bar (10 psi)
Maximum working pressure	8.6 bar (125 psi)
Air Inflator Valve ..	Standard automotive tire valve
Inlet/outlet	Ø1/2" MNPT
Weight	520 g
Certifications	CE, ROHS



- internal gas pressure pad
- quieter water system
- smoother flow
- longer pump life
- compact dimensions
- 1/2" connections including 10 mm hose connection fittings
- easy to integrate into new or existing systems

INSTALLATION & OPERATION

tigerexped accumulator tank ensures a more even water flow, reduces the pump cycles and thus to protects the water pump. Overall smoother operation of the pressure water system in recreational vehicles, boats and yachts.

The tigerexped water product line also includes pumps and fittings.

DANGER!



Before putting the tanks into operation, please read and observe the operating instructions! Do not use for petrol, diesel or liquids with a flash point below 37°C (98°F) to avoid accidents and personal injury!

Do not over pressurize the tank. Pressures over 8.6 bar (125 psi) can rupture the tank and also result in serious injury!

IMPROVES MOST PRESSURE WATER SYSTEMS

This accumulator tank is intended for installation in water systems controlled by a pressure switch. The tank can serve both as a storage tank and as a pulsation dampener for pressurized water.

The accumulator tank provides smoother water flow and reduces pump on/off cycles by reducing pressure and flow fluctuations between the pump and the system outlet points. This reduces noise when operating the pressurized water system. The smooth water flow also allows better control of the hot water temperature in systems with instantaneous water heaters.

▲ IMPORTANT! Pre-pressurized to 0.7 bar (10 psi).

Before use, adjust the air pressure in the tank to 3 psi (0.2 bar) below the cut-in pressure of the water pump switch.

INSTALLATION

First, disconnect the water pump from the power supply and open the water tap or the outlet valve of the device.

The tank can be installed anywhere and in any position on the output side of the pump. If there is a pressure reducer in the system, the tank should be installed on the high pressure side. To do this, screw the hose fittings included with the tank on the inlet and outlet side of the tank and fasten the water hose to the nozzles with suitable clamps. Perform these tasks carefully to avoid leaks and thus water damage.

Restore the water supply and then the power supply. To purge air from the system, turn on the pump and open the faucet.

Removing the tank from the system always involves unplugging the pump and opening a faucet to safely drain pressurized water.

SETTING THE PRESSURE

The accumulator tank is pre-pressurized to 10 psi (0.7 bar). If the pump cut-in pressure varies significantly, the tank pressure can be adjusted to better match the given installation.

To increase the air pressure in the tank, turn off the pump and open a faucet to relieve system pressure. Now set the pre-pressure with an ordinary tire pressure gauge and a tire pump at the valve on top of the tank.

The pressure should be checked regularly. To do this, turn off power to the water pump and open a faucet to relieve the pressure. Check tank pressure and adjust if necessary. The tap can now be closed again and the pump switched on again.

HOW THE PRESSURE WATER TANK WORKS

When the pump starts, water enters the reservoir. The system is filled to maximum pressure, then the pump shuts off.

When a faucet is opened, the pressure in the air chamber forces water into the system. The pump will remain off until the minimum pressure is reached, then the pump will start and run again until the cut-out pressure is reached.