



River Pump

PRESSURE TANK SYSTEM[®]

AUTOMATIC MEMBRANE PRESSURE TANK



**PRESSURE TANK
SYSTEM 50 L/6 BAR**

USE SITES

- family houses
- holiday housing
- farm use

Suitable for use in connection with the following pump types:

- submersible pumps
- dry installation pumps
- ejector pumps

FEATURES

- easy to install, versatile placement options, pipe direction can be chosen freely
- saves work and costs at installation sites
- membrane pressure tanks are made of stainless steel
- easy maintenance

STRUCTURE

The pressure tank system includes a stainless steel membrane pressure tank, floor or wall mount for the tank, adjustable pressure switch, pressure gauge, relief valve, 5-way pipe fitting and in 50 l and 120 l tank systems, a metal-reinforced pressure hose to be connected to the pump or pipes.

ACCESSORIES

The accessories ready for delivery include a motor-circuit switch, plastic pipe fittings, cable between the electric motor and pressure switch, stopcock between the tank and ejector pump and, as necessary, metal-reinforced hoses.



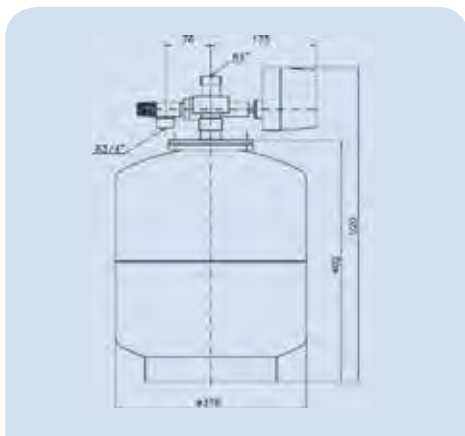
**PRESSURE TANK
SYSTEM 25 L/6 BAR**

Type	HVAC CODE	Tank size	Tank standard pressure	Standard ¹⁾ capacity	Pressure switch adjustment range	Fitting sizes pressure hose	in the grid
25/6	4761044	25 l	8 bar	8 - 9 l	2 - 6 bar	it 1"	it 1"
25/6 with a wall mount	4761050	25 l	8 bar	8 - 9 l	2 - 6 bar	it 1"	it 1"
50/6	4761056	50 l	6 bar	16 - 18 l	2 - 6 bar	it 1"	it 1"
50/6 with a wall mount	4761051	50 l	6 bar	16 - 18 l	2 - 6 bar	it 1"	it 1"
50/10	4761049	50 l	10 bar	16 - 18 l	4 - 12 bar	it 1"	it 1"
120/6	4761058	120 l	6 bar	38 - 43 l	2 - 6 bar	it 1"	it 1"

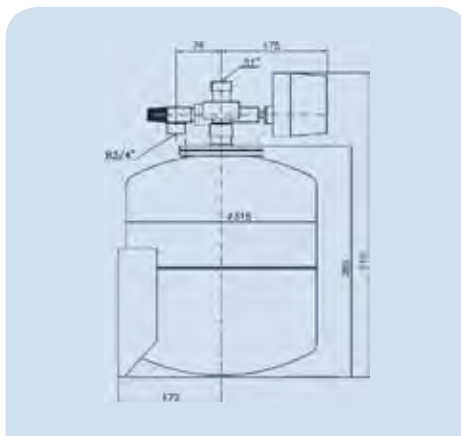
¹⁾ In order to maintain the capacity, the pre-charge pressure must be checked and, if necessary, increased according to the user instructions.

RIVER PUMP PRESSURE TANK SYSTEM®

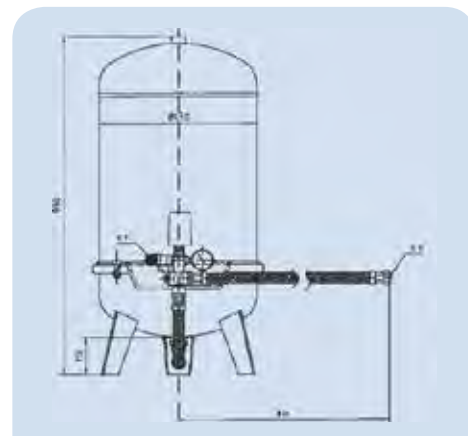
The attached figures show the key installation dimensions.



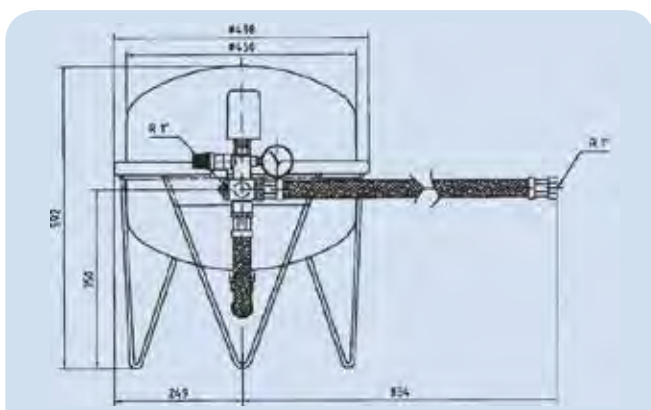
Pressure tank system 25/6



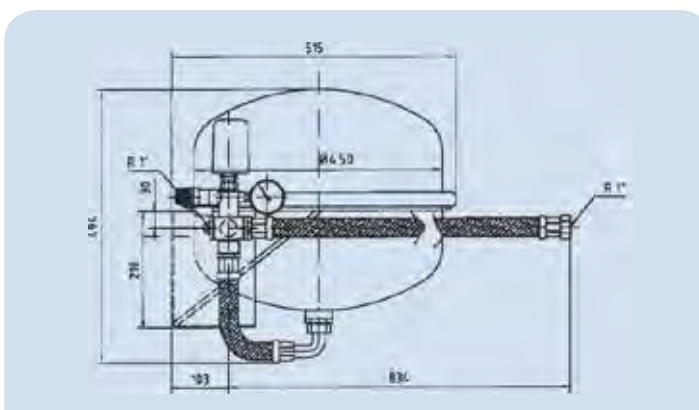
Pressure tank system 25/6
with a wall mount



Pressure tank system 120/6

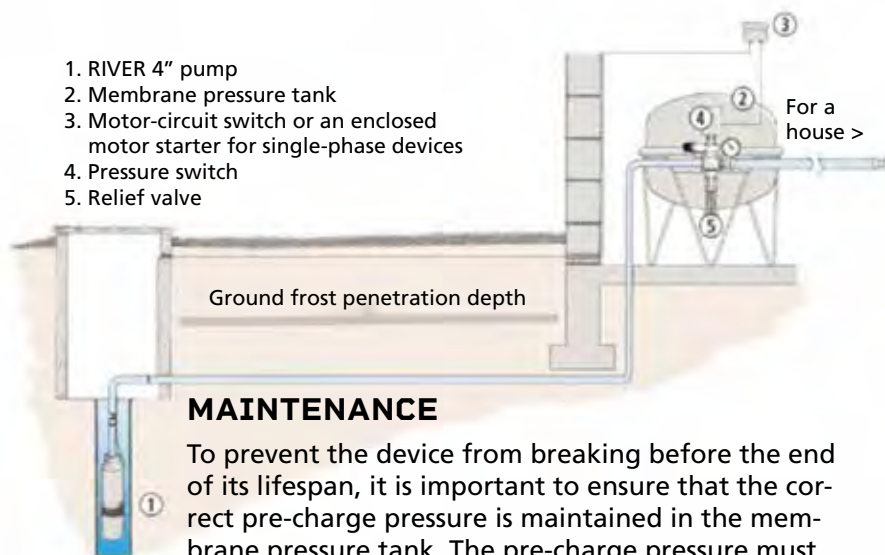


Pressure tank system 50/6 and 50/10



Pressure tank system 50/6 with a wall mount

1. RIVER 4" pump
2. Membrane pressure tank
3. Motor-circuit switch or an enclosed motor starter for single-phase devices
4. Pressure switch
5. Relief valve



MAINTENANCE

To prevent the device from breaking before the end of its lifespan, it is important to ensure that the correct pre-charge pressure is maintained in the membrane pressure tank. The pre-charge pressure must be checked at least once per year. In the 25 l and 50 l tanks, the correct pre-charge pressure is 0.1–0.2 bar lower than the initial pressure and in the 120 l tank, it is 0.1–0.2 bar higher than the initial pressure.

INSTALLATION

The pressure tank system must be installed in a space that is as dry as possible and where the temperature does not go below zero. The installation space should have a drain in case of potential leakages.

The tank must be placed in a way that it is possible to check and increase the pre-charge pressure through the air valve.

The pressure tank system of a dry-installation pump can be placed either next to the pump or separately further from the pump.

The pump motor must be protected from overloading and phase failures with a motor-circuit switch unless the motor has a built-in protector.