



### FEATURES

Fully assembled water pressure set with pump, pressure switch, accumulator tank and strainer.

- Ideal for up to four outlets
- Pump and Accumulator Tank mounted on one bracket for rapid and easy installation by boatbuilder and boat owner alike
- Run dry ability
- Smooth even flow
- Thermal overload protection
- ISO 8846 MARINE (Ignition Protection)
- Connections for 19mm (3/4") hose tail
- Shipping weight per unit 5.4 kg (12 lbs)



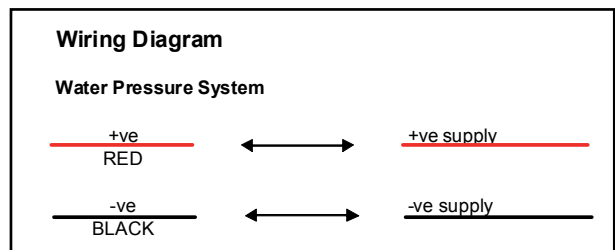
**Explosion hazard. Do not pump gasoline, solvents, thinners or other flammable liquids. To do so can cause an explosion resulting in injury or death.**

### INSTALLATION INSTRUCTIONS

The WPS Single Stack System should be fixed securely to a flat surface in any suitable location within the vessel where it remains accessible for routine maintenance. The unit should be installed within the pipework system after the water tank and before the pipeline divides to serve the hot water heater or other outlets. Connect the pipe from the water tank to the pump inlet. Connect the outlet pipework to the discharge on the accumulator tank.

### ELECTRICAL CONNECTIONS

Using the table below select the correct cable size. Cable run is the total length of the cable from the positive battery terminal to the pump and back to the negative terminal.



The electrical circuit should be protected with an overcurrent protection device in the positive lead.

Model No	WPS Model	Voltage	Cut in Pressure	Cut out Pressure	Amp DRAW (A) @ 10psi	Maximum Fuse Size*	Cable Length	Minimum Wire Size
52520-1000	31620-7005	12V	1.7 bar (25psi)	2.8 bar (40psi)	6	15	Up to 6m	2.5mm <sup>2</sup>
							6 - 11m	4mm <sup>2</sup>
							Over 11m	6mm <sup>2</sup>

\* customer supplied, not included with pump

## OPERATIONAL INSTRUCTIONS

- Check level of water in tank
- Open all faucets hot and cold
- Switch pump on and wait for hot water tank and water lines to fill
- Close each faucet as flow becomes steady and free of air (Close cold water faucet first). Pump should shut off soon after closing the last faucet.
- Pump is now ready for automatic operation. It will start when faucet is open.
- It is advisable to run the pump for 2 minutes on the first installation to flush fresh water through the pump.



Do not over pressurise system, maximum working pressure is 3 bar (45psi)

## SERVICING/WINTERISATION

The following points should be noted when servicing or winterising the system:

- Inlet filter should be cleaned periodically
- To re-pressurise the accumulator tank, the pump must be switched off with the outlet taps open. Using an air pump pressurise the tank to 18psi (1.2bar)
- If pump will be inoperative for a considerable time, turn off circuit to the pump and bleed system by opening faucets.
- When winterising the system, empty the tank and leave the taps open, and switch off the pump.

Please follow instructions in the separate datasheet (water pressure system) for servicing and maintenance of this pump.

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**xylem**  
Let's Solve Water

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