

DESALINATOR VILLAGE MARINE LTM-1800

Reference: 90-6076



Desalinator Village Marine Watermaker LTM-1800

Desalinator Village Marine LTM-1800 three phase desalinator with 380 V power supply and 50 Hz frequency. The Village Marine LTM-1800 desalinator has a capacity of 205 litres/hour.

The LTM-1800 Village Marine Desalinator offer high quality Parker Village Marine engineered components with simple manual operation. Driven by AC motors, the modular configuration is ready to mount modules for flexible installation options. Integrated into each LTM unit is a control manifold, which includes a regulator and a bypass valve.

Desalination is a process that takes away mineral components from saline water. More generally, desalination refers to the removal of salts and minerals from a target substance, as in soil desalination, which is an issue for agriculture.

Saltwater is desalinated to produce water suitable for human consumption or irrigation. The by-product of the desalination process is brine. Desalination is used on many seagoing ships and submarines. Most of the modern interest in desalination is focused on cost-effective provision of fresh water for human use. Along with recycled wastewater, it is one of the few rainfall-independent water sources.

Village Marine LTM-1800 desalinator is easy to maintain. The pre-filters are easily accessible and can be replaced in minutes. The desalinator is also equipped with an alarm system that alerts the user when maintenance is required.

Prefilters are designed to remove large particles from seawater before it is sent to the reverse osmosis membrane. Prefilters must be replaced regularly, according to the manufacturer's instructions.

Some specifications of the LTM-1800 Desalinator

- Powder coated mounting brackets included
- 5 micron of cleanable prefilter
- The control manifold pressure regulator ensures constant pressure and prevents over- or under-pressurization of the unit. Adjustable to allow operation in brackish or fresh water
- High-quality spiral wound TFC reverse osmosis membranes with spiral wound
- Magnetic drive thrust pump
- Stainless steel pressure gauges filled with glycerine
- High pressure piston pump with 316 stainless steel head
- Acrylic flowmeter for production monitoring

Technical characteristics:

Phase type: Three-phase
Power supply: 380 VDC
Frequency: 50 Hz
Flow rate: 284 Lt/h
Weight: 76 Kg

If you are looking for another desalinator similar to the Village Marine LTM-1800 then you can browse our entire catalogue dedicated to [marine desalinators](#).

Images and technical data are not binding.

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Technical Sheet

Phase	Three phase
Frequency (Hz)	50
Feed Type	380 V
Capacity (Lt/h)	284
Weight (Kg)	76