



DESSALATOR SPECIFICATION SHEET

SOLO 100 120 / 230 / 400 V AC

Application:

The SOLO can be operated with AC power supplied by a generator.

Options:

This model is only available in Remote Control version. The Remote Control model is modular and the control panel can be mounted independently from the other major components.

Size:

Horizontal Control Panel:	L 320mm x H 200mm x D 130mm
Pump and Motors Assembly:	L 460mm x W 310mm x H 230mm
Control box :	in 12V or 24V (to be incicated on your order) Pulley 85 – Drive belt 13x725
Sea Water Pre-filter:	H 410mm x D 200mm x W 340mm Standard 10 inch, 5 micron water filter
Membrane Assembly:	L 700mm x 245mm x 150mm

Power consumption:

High pressure pump/motor unit:	1.1KW at 120, 230 or 400 V AC (with 30 μ F Capacitor)
120V:	9A continuous (32A starting). A 32A circuit breaker is supplied.
230V:	5A continuous (10A starting). A 10A circuit breaker is supplied.
400V:	3A continuous (5A starting). A 5A circuit breaker is supplied..

Module Elements of the Watermaker:

- Pre-filter assembly with fresh water rinse solenoid valve and key for the filter
- High pressure motor/pump assembly mounted on fixing base
- Membrane assembly comprises; three tubes containing three 25.21 membranes, end plates and retaining rods and associated high pressure hose connections and fresh water delivery connectors
- Front panel. comprising electric control box (fixed behind the front panel) with electronic controller, high pressure gauge, graduated medical flow-meter, pressure sensor, salinity probe, hour meter and operating status indicator lights.

Accessories included:

- 1/2" thru-hull scoop type skin fitting with sea-cock and strainer
- High pressure hoses \varnothing 8mm – 8 m
- 2 pre-installed high pressure connectors and 2 to be fitted on installation (adapter supplied)
- Blue production hose \varnothing 8/10mm: 8m
- 1 spare pre-filter element (5 microns, 10 inch)

Cable:

Cable supplied: 2 x 6m of 3x1.5mm² for AC power supply to panel and AC motor feed

Working pressure: Between 60 and 65 Bars. Dessalator pressure gauge is marked with a green zone (registered design).

Weight: 45 kg, boxed up: 60 kg