



DESSALATOR SPECIFICATION SHEET

D1000 in 400V

Application: Intensive use – Earth application

Elements of the water maker:

- Brass basket Pre filter
- Brass low pressure pump: Threephased 1,5 KW (to be installed under the water line) 2,2 amps (6 amps when starting for each phase)
- Liparit pre filter
- Double stainless steel pre filtration container, 5 folded filters in 20 inches 5 microns
- High pressure motor pump unit: 7,5 KW
- Pressure captor
- 1 membrane unit (40.40 membrane) – Dimensions : L 130 cm x 50 cm including 4 tubes, four membranes, 2 flasks , 4 full membrane end cap fittings, 2 tapped membrane end cap fittings with segment and 2 tapped membrane end cap fittings, 10 straps, 3 interconnectors, stainless steel screws.
- Electrical housing including:
 - contactors
 - D25 protection circuit breaker
 - Emergency stop button
 - Low power supply
 - Electronic controller (specific controller)
 - Manometres (high and low pressure) fixed on the front panel
 - Graduated medical flowmeter (fixed on the front panel)
 - Operating time meter
 - Analyse probe
 - Solenoid valve
 - 3 indicator lights

Supplied accessories:

- High pressure hoses Ø 8-12mm – 8m
- Rilsan Production hose Ø 8-10 mm – 8m
- 2 mounted high pressure connectors and 2 to be mounted (supplied tool)
- Capillary hose Ø 4 – 6m
- Replacement filters 25 and 5 microns (5 of each)
- 2 floats

Consumption:

400V threephased: 12 A continuously (3 x 27 A when starting)

Pre pump: 3x4A

Cable: 4x6mm²

Dimensions :

Control housing: L 300 cm x H 400 cm x D 205 mm

High pressure motor pump unit:L 100cm x H 54cm x D 65 cm

Membrane unit: Length 1220 mm, width 465 mm, Height 160 mm

Weight: Gross: 220 kg net 200 kg in 3 parcels

ADDITIONAL HARDWARE NEEDED FOR THIS APPLICATION: According to the installation, please plan for an immersed pump and tanks for storage and decanting, miscellaneous hoses.

