



# DESSALATOR SPECIFICATION SHEET

## D200 in 120, 230 or 400V

**Application: Intensive use – Earth application**

### Versions :

- Remote control with (Please specify when ordering):
  - Horizontal front panel: L 41 cm x H 24 cm x D 15 cm
  - or vertical: L 22 cm x H 43,5 cm x D 15 cm (separated electric box)
- High pressure motor unit 2,2 KW: L 46cm x W 32,5 x H 30
- compact
  - ABS frame in L: L 56 cm x H 36 cm x D 48 cm

### Elements of the water maker:

- Basket pre filter:
  - Either a brass pre filter (directly installed on the hull valve)
  - or a plastic pre filter (preceding the pre pump – water line in the middle of the basket)
- Low pressure pump: 300 Watts (to be installed under the water line) with a condenser 12.5 Micro farads (except threephased model)
- Double pre filtration container with rinsing solenoid valve: filters in 10 inches, 25 and 5 microns, H 41cm x W 37cm x D 15 cm and key for the pre filter
- High pressure motor unit: 2.2 KW with 2 condensers 2x30 Mfds parallel or 1 condenser of 60 Micro farads (except threephased model)
- 1 membrane unit (25.40 membrane) – Dimensions : L 116 cm x 24 cm including three tubes, three membranes, 2 flasks, 1 full membrane end cap fitting with segment, 2 full membrane end cap fittings, 1 tapped membrane end cap fitting with segment and two tapped membrane end cap fittings, 8 straps, 2 interconnectors, screws.
- Front panel
- Electric box (fixed behind the front panel) with electronic controller (except vertical front panel)
- Manometers (high and low pressure) fixed on the front panel
- Graduated medical flowmeter (fixed on the front panel)
- Pressure captor
- Analyse probe
- Operating time meter
- 3 indicator lights

### Supplied accessories:

- Hull valve with strainers in  $\frac{3}{4}$
- High pressure hoses  $\varnothing$  8mm – 8 m
- 2 mounted high pressure connectors and 2 to be mounted (with adaptor)
- Capillary hose  $\varnothing$  4mm - 6m
- Blue production hose  $\varnothing$  8/10mm : 6m
- Replacement filters 25 and 5 microns (1 of each)
- 2 floats

### Consumption, pre pump included:

120V: 22 A continuously (3 x 22 A when starting). A D 32A circuit breaker is supplied. Cable: 3x4mm<sup>2</sup>  
230V: 16 A continuously (3 x 16 A when starting). A D 25A circuit breaker is supplied. Cable: 3x2,5mm<sup>2</sup>  
400V: 5,2 A continuously (3 x 5,2 A when starting). A D 10A circuit breaker is supplied. Cable: 4x2,5mm<sup>2</sup>

**Working pressure:** Between 60 and 65 Bars. Dessalator manometer with green zone (model registred)

**Weight:** 65 kg, boxed up: 75 kg

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