

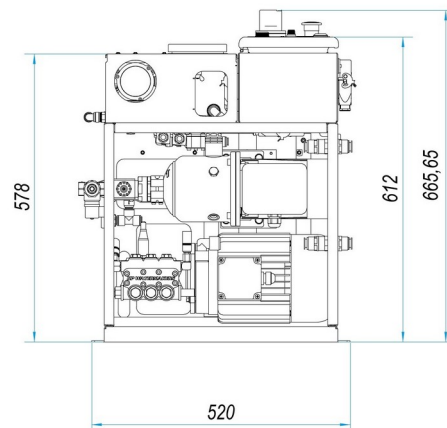
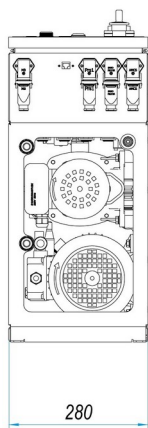
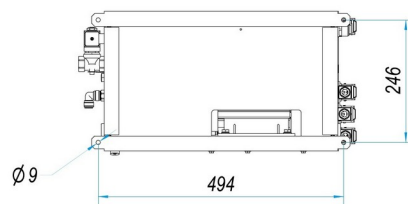
High Pressure Pump
(600 hours maintenance free)



Axial Pump
(6000 hours maintenance-free)



Part-NET and BiBi® port



Production 440 L/h

Available Voltages: 110V 60Hz - 230V 50Hz – 230V 60Hz – 380V 50Hz – 440V 60Hz

THIS UNIT CONSISTS OF THE FOLLOWING:

- 1 X Remote Control Panel
- 1 X HP VAL AUTOMATIC 3-WAY Flushing Valve
- 1 X HP RP TRONIC AUTOMATIC Pressure Regulation Valve (Patented)
- 1 X AISI 316 LOWARA 2HMS3 Feed Pump
- 1 X AISI 316 High Pressure Pump – DANFOSS NESSIE
- 4 X HPWATERMAKERS Carbon Fiberglass Pressure Vessels - 31530
- 4 X HPWATERMAKERS Osmotic Membranes - SW30 315-40
- 1 X Removable AISI 316 Electrical Control Panel
- 1 X PLC Control System – with settable parameters and DIAGNOSTIC SYSTEM*
- 1 X Pressure Control System (min 20 – max 60 bar), pump and membrane protection
- 1 X Salinity Control System (400uS) with timed alarm and automatic shutdown
- 1 X High Pressure Gauge
- 1 X Pressure Sensor
- 1 X Production Flow Meter
- 1 X Cartridge Pre-Filtration System (Activated carbon + 5 micron protection)

	HP V440
Hourly Flow Rate L/h	440
Nominal Hourly Flow Rate L/h	560
Daily Flow Rate L/day	10560
Nominal Daily Flow Rate L/day	13440
Product Conductivity uS	400
Installed Power kW	3
Total Weight Kg	94

Flow rates are calculated with a feed water TDS of 35000 ppm at 25°C and 60 Bar

	DIMENSIONS
Width	1136 mm
Height	450 mm
Depth	458 mm

	CURRENT DRAW AT 230V 50HZ
High Pressure Pump	12A
Low Pressure Pump	3A

	CONNECTIONS
Seawater Inlet	1"
Flushing Tank Inlet	½"
Concentrate Discharge	½"
Production	½"