



MAIN FEATURES:

- Carriage frame made of stainless steel AISI-304.
- Rejected and recirculation water flow controllers.
- 3 glycerin-filled pressures gauges and 3 float flow meters.
- RO membranes holder made of epoxy fiberglass reinforced.
- Control panel with magnetothermic, circuit breaker and heat pump protection.
- Minimum inlet pressure luminous alarm.
- Conductivity probe with display.
- Automatic and programmable flushing with inlet water.
- Product tank maximum level control.
- 5 micron safety filter.

TECHNICAL SPECIFICATIONS

Reference:	A-720410		
Max. production:	50.000 litres/day (13.230 gallons/day)		
OPERATING CONDITIONS INLET WATER:	EQUIPMENT:		
Pressure:	2 – 8 bar	Electrical supply:	380VAC III; 50 Hz
Temperature:	15 – 25 °c	High pressure pump:	4 kW (5HP) Vertical multistage pump made of Stainless Steel.
Maximum TDS:	3.000 ppm	Carriage frame:	Stainless steel AISI 304
Maximum Turbidity:	1,0 NTU	Recovery:	75%
Maximum free chlorine:	< 0,05 ppm	Membranes holder:	5; (40x40) 300 psi
pH range:	5 – 9	Membranes:	10; (40x40)
TDS removal:	99,2%	Approx. Dimensions Large x Width x Height (mm)	2.500 x 850 x 1.480
Feed flow:	2,670 l/h	Approx. Weight (kg)	

TECHNICAL SPECIFICATIONS

MAIN COMPONENTS

Inlet electrovalve:	Automatic; PVC
Microfiltration:	Plastic
Hydraulic safety:	Inlet pressure switch (min. Pressure)
Flowmeters:	Permeate, reject and recirculation water
Pressure gauges:	Inlet pressure, pump pressure and reject pressure
Flow controller:	Steeple key made of AISI316. Reject and recirculation
Flushing electrovalve:	Automatic: Brass
Rejection hydraulic pipes:	PVC; PN 16
Conductivity probe:	Produced water

CONTROL

CONTROL		STATEMENT INDICATION	
Section:	✓	Service:	✓
Emergency stop:	✓	Flushing:	✓
Pump thermal protection:	✓	Inlet pressure:	✓
Manoeuvrings supply:	220VAC	Purmp Thermal protection:	✓
External stoppage:	✓	Full accumulation tank:	✓
Lighting indicators:	✓		

PARAMETERS CONFIGURATION

PARAMETERS CONFIGURATION		FLUSHING WITH INLET WATER	
Flushing duration:	✓	Cyclic automatic programmable:	✓
Hours of operation for flushing:	✓	Initial:	✓
		Stoppage when accumulation tank is full:	X
		Final:	X