



### GENERAL CHARACTERISTICS

- High quality and corrosion resistant materials of construction
- Strength and reliability of the hydraulic high pressure lines made of SS AISI 316L
- Suitable for a continuous and heavy duty operation and designed to stand up industrial demands
- Electrical Panel board complete of digital control system and mimic diagram
- Easiness of the running operation and maintenance
- High versatility in case of variation of the chemical characteristics of the feed water
- Compact space-saving construction
- Equipped with all accessories to link up a cleaning system for membranes
- Visual displays monitoring the treated water's flow rate, pressure and conductivity
- Automation of the operating phases through digital electronic systems
- Automatic flushing system of the membranes
- Easily upgraded to a bigger plant



## Technical Characteristics

Model	Flow Rate (*) l/h	Installed Power kW	Operating Pressure bar	Dimensions cm (LxWxH)	Recovery %*	Weight Kg
HD2	2000	3 - 4	10 - 18	190x101x172	45 - 60	340
HD3	3000	4 - 5,5	10 - 18	190x101x172	50 - 75	375
HD4	4000	5,5 - 7,5	10 - 18	290x101x172	50 - 75	435
HD6	6000	5,5 - 7,5	10 - 18	290x101x172	50 - 75	575

Available feed tension: 380-400V/3+N/50Hz or 380-400V/3+N/60Hz

(\*The production and the recovery factor might vary depending on the temperature and salt content variations of the feed water)

### STANDARD EQUIPMENT

- Stainless steel skid
- Inlet solenoid valve
- Adjustable differential pressure switch
- Three-phase electrical motor and multi stage centrifugal high pressure pump
- Command and control system
- Electric panel board with microprocessor SIRIO for fully automatic operation
- Flow meters on the permeate, concentrate and re-circulation lines
- Antiscalant dosing pump
- Pressure and flow rate adjustment valves
- 8" membranes and pressure vessel
- Microprocessor conductivity meter with thermo-compensation of the temperature
- Blending circuit
- System for the recirculation of the concentrate water
- Flushing circuit

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