



Merkur Series

RO Water Treatment Systems

Thanks to its high quality reverse osmosis membrane, this system treats water with an advanced technology and provides healthy, clean potable water.

- ST-37 Elektrostatic Paninted Carbon Steel Frame
- Easy to Move Mobile Design (Merkür 15K and above models)
- Pre-Filtration
- High Efficient A.O.Smith Membrane
- FRP Membrane Vessel
- Control Board
- Conductivity Meter
- RO Controller
- Indicators of Pump, Inlet Water and Permeate Water Pressure (Merkür 15K and above models)
- Inlet Water Flowmeter
- Permeate Water Flowmeter
- Waste Water Flowmeter
- Membrane Auto-Flush
- High and Low Pressure Switch
- Waste Water Regulating Valve
- Inlet Water Solenoid Valve
- Phase Control Relay (Merkür 15K and above models)
- Emergency Stop Button (Merkür 15K and above models)
- Rotative Pump (Merkür 2K, 5K, 10K)
- Stainles Steel Vertical Multistage Pump (Merkür 15K and above models)
- Packing: Wooden crate
- Optional: Antiscalant Dosage System

For the ideal performance the inlet water should be free of grease, hydrogen sulphate, oxidizing elements, microbiological contamination and turbidity.

PRODUCT CODE	MODEL	CAPACITY (L/day)	MEMBRANE	MEMBRANE QTY	VOLTAGE	PUMP	DIMENSIONS (mm)
5001902	MERKUR 2K	2000	40x21	1	220-240 V AC 50 Hz (Single phase)	0.24-0.75 kW	540x580x800
5001917	MERKUR 5K	5000	40x40	1	220-240 V AC 50 Hz (Single phase)	0.24-0.75 kW	530x530x1400
5001896	MERKUR 10K	10000	40x40	2	220-240 V AC 50 Hz (Single phase)	0.24-0.75 kW	530x530x1400
5001899	MERKUR 15K	15000	40x40	3	380-415V AC 50Hz (Triple phase)	0.75-2.2 kW	750x1000x1600
5001904	MERKUR 20K	20000	40x40	4	380-415V AC 50Hz (Triple phase)	0.75-2.2 kW	750x1000x1600
5001908	MERKUR 25K	25000	40x40	5	380-415V AC 50Hz (Triple phase)	0.75-2.2 kW	750x1000x1600
5001911	MERKUR 30K	30000	40x40	6	380-415V AC 50Hz (Triple phase)	0.75-2.2 kW	750x1000x1600
5002790	MERKUR 40K	40000	40x40	8	380-415V AC 50Hz (Triple phase)	0.75-2.2 kW	750x1120x1600

* Inlet Water TDS: 0-2000 ppm
 Inlet Water pH: 6-8
 Inlet Water Pressure: 2-5 bars

Inlet Water temperature: 10-25 °C
 Silica Tolerance: Max.. 25 ppm
 Iron Tolerance: Max.. 0.2 ppm

SDI < 5