

Merkür Series

Reverse Osmosis Water
Treatment Systems



Merkür Series Reverse Osmosis Water Treatment Systems

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

Standard Features

- 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 Flow meter
- Permeate Water Flow meter
- Waste Water Flow meter
- 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

TECHNICAL FEATURES*

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

Slica Tolerance: Max.. 25 ppm

Iron Tolerance: Max.. 0.2 ppm

SDI< 5

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