

OKTA SERIES

REVERSE OSMOSIS SYSTEMS

Powerful and Efficient Water Treatment Technology

OKTA Series industrial reverse osmosis systems provide a high-capacity solution for your water treatment needs. They effectively remove chemical contaminants, salts, invisible particles, and microorganisms, ensuring clean and pure water.



ADVANTAGES

High Efficiency:	Advanced membrane technology for maximum filtration performance.
Modular Design:	Customizable options for different capacities.
Low Operating Costs:	Optimized energy consumption and long-lasting components.
Automation & Remote Control:	PLC control systems and remote monitoring options.



APPLICATION AREAS

Industrial Facilities: Food, textile, chemical, and metal industries

Energy Sector: Thermal and hydroelectric power plants

Municipal & Drinking Water Treatment

Shipyards & Seawater Treatment Systems

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Model	Capacity 20 °C m³/h	Membrane Type	Membrane Quantity	Standard Productivity
OKTA-03000	3	8x40	3	% 60
OKTA-04000	4	8x40	4	% 60
OKTA-06000	6	8x40	6	% 60
OKTA-08000	8	8x40	8	% 70
OKTA-10000	10	8x40	10	% 70
OKTA-12000	12	8x40	12	% 75
OKTA-15000	15	8x40	15	% 75
OKTA-18000	18	8x40	18	% 75
OKTA-24000	24	8x40	24	% 75
OKTA-30000	30	8x40	30	% 75
OKTA-36000	36	8x40	36	% 75
OKTA-42000	42	8x40	42	% 75
OKTA-48000	48	8x40	48	% 75
OKTA-60000	60	8x40	60	% 75
OKTA-72000	72	8x40	72	% 75
OKTA-96000	96	8x40	96	% 75

Design can be changed depend on water quality.

Operation Pressure is 10-15 bar. TDS is 1500 ppm.



STANDARD FEATURES

HFT membrane housing	Product water and waste water flow meters
HFT 8" membrane	Product water conductivity indicator (0-2000 Microsiemens)
Oven painted carbon steel chassis	Auto flush valve
PVC cartridge filter between RO 3000 - RO 18000	High pressure pump (SS304)
RO 24000 and above stainless cartridge filter	Manometers
Low and high pressure line piping U-PVC (RO 1000-RO 30000 between)	Tank and pump suitable for capacity in systems with CIP + Rinse
Low and high pressure line piping U-PVC/AISI 304 stainless (between RO 36000-RO 96000)	Antiscalant unit not included
Pump outlet and waste line regulating valve	Card or PLC panel option
Low pressure and high pressure process	Automatic valves with electric actuation

OPTIONAL

Card Board Excluding CIP	SS304 Stainless Chassis
Card Board Including CIP	GRUNDFOS Pump
PLC Board CIP Included	HFT Membrane Housing
High Pressure Line SS304	Peak Membrane Housing