

# 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

<b>High Efficiency:</b>	Advanced membrane technology for maximum filtration performance.
<b>Modular Design:</b>	Customizable options for different capacities.
<b>Low Operating Costs:</b>	Optimized energy consumption and long-lasting components.
<b>Automation &amp; Remote Control:</b>	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

**OKTA SERIES REVERSE OSMOSIS SYSTEMS**

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