

Afg Water Treatment Technologies Ltd. Co.

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Reverse Osmosis Systems

Olympos Series - Sea Water Series



Olympos Series Reverse Osmosis Systems

- Seawater desalination system
- Membrane covers FRP
- TFC Spiral Wound Membranes 8" diameter
- AISI 316 or Duplex quality stainless steel high pressure pump
- 37 Epoxy painted Carbon Steel or AISI 304 quality stainless steel chassis (Optional AISI 316 quality stainless steel)
- Cartridge filtration with 5 micron precision
- Low pressure line U-PVC PN16
- High pressure line AISI 316TI or Duplex Stainless Steel
- Inlet electric actuated butterfly valve
- Low and high pressure switch
- Clean and waste water flow meters, glycerin manometers
- Product water conductivity indicator (0-2000µS/cm)
- Inlet and product water pH meter (optional)
- PLC Control, On-Off switch, alarm and status lights, 380V/50Hz/3ph, IP56 control panel

** Device images will vary depending on the model.

Olympos Series Reverse Osmosis System Features

MODEL	CAPACITY (m3/day)	SYSTEM EFFICIENCY (%)	NUMBER OF SHEATHES	MEMBRANE DIMENSIONS	NUMBER OF MEMBRANES
Olympos 880	100	40	2	8"x40"	8
Olympos 1280	150	40	3	8"x40"	12
Olympos 1880	250	40	3	8"x40"	18
Olympus 2480	300	40	4	8"x40"	24
Olympus 2580	350	40	4	8"x40"	24
Olympos 3080	400	40	5	8"x40"	30
Olympos 3680	500	40	6	8"x40"	36
Olympos 4280	700	40	2	8"x40"	42
Olympos 6080	800	40	6	8"x40"	36
Olympos 7280	1000	40	12	8"x40"	72
Olympos 11480	1500	40	19	8"x40"	114

- Inlet water TDS: 38,000 – 41,000 ppm
- Working pressure: 50 to 70 bar
- Inlet water pressure: 2 to 5 bar
- pH range: 6 – 8
- Max. Inlet water temperature = 30° C Max.
- There should be no Hydrogen Sulfide.
- There should be no turbidity (NTU <1)