REVERSE OSMOSIS MACHINES

RO2 SERIES 375 to 2,535 gpd

Our RO2 machines are designed for durable operation, high quality product water production, easy installation and straightforward control.

APPLICATIONS

Process ingredient water• Safe drinking water • Spot free rinse water • Ion exchange pre-treatment • R & D lab use

OPERATING PARAMETERS

- Operating Pressure: 200-220 psig
- Maximum Recovery: 50%
- Nominal Rejection: 95-98%
- Operating Temperature: 55-85 °F
- Minimum Inlet Pressure: 30 psig
- Design Temperature: 77° F

PUMP AND MOTOR

- Pump
  Rotary Vane
- Motor
  1-Phase, ODP 110 VAC

MATERIALS OF CONSTRUCTION

- Frame : Painted carbon steel
- Membrane Elements: Desal AG2521TF or AG2540TF
- Membrane Housing: Stainless Steel
- Tubing: Polyethylene

STANDARD FEATURES (STD)

- 5-micron pre-filter
- Automatic inlet shut-off valve
- Remote machine on/off capability
- Operating pressure gauge
- Flow control center including concentrate and recycle valves

DELUXE FEATURES (DLX)
(IN ADDITION TO STD FEATURES)

- Low inlet pressure switch
- Conductivity meter
- Stainless steel pump
- Permeate and concentrate flow meters

Water King
WATER CONDITIONING

REVERSE OSMOSIS (RO2)

APPLICATION TABLE						
ITEM	UNIT					
Model No.		RO2-0375	RO2-0750	RO2-1125	RO2-1690	RO2-2535
Part No.	STD	ROM251	ROM259	ROM261	ROM269	ROM274
Part No.	DLX	ROM252	ROM260	ROM262	ROM270	ROM275
Recovery Range		33-50%	33-50%	33-50%	33-50%	33-50%
Permeate Rate	gpm	0.3	0.5	0.9	1.2	1.8
Concentrate Rate	gpm	0.3-0.2	0.5-0.3	0.9-0.6	1.2-0.8	1.8-1.2
Pump Motor	hp	½	½	½	¾	½
Procan Series		2 or 3	2 or 3	2 or 3	4 or 5	4 or 5
Number of Membrane Elements		1	2	3	2	3
Array		1	1-1	1-1-1	1-1	1-1-1
Membrane Element Model		AG2521TF	AG2521TF	AG2521TF	AG2540TF	AG2540TF
Inlet, Permeate, & Concentrate Pipe	inch	⅜	⅜	⅜	⅜	⅜
Height	inch	30	30	30	51	51
Width	inch	18	18	18	18	18
Depth	inch	15	15	15	15	15
Shipping Weight	lbs	50	55	60	75	85

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