

# 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

## REVERSE OSMOSIS (RO2)

APPLICATION TABLE						
ITEM	UNIT					
Model No.		RO2-0375	RO2-0750	RO2-1125	RO2-1690	RO2-2535
Part No.	STD	932251	932259	932261	932269	932274
Part No.	DLX	932252	932260	932262	932270	932275
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	1/2	1/2	1/2	3/4	1/2
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	3/8	3/8	3/8	3/8	3/8
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