



60 Hz

E2 Series Reverse Osmosis Machine 375 to 2535 gallons per day

When you mention reverse osmosis (RO), Osmonics is the first name to come to mind. Our E-series RO machines are designed for durable operation, high quality product water production, easy installation and straightforward control.

Applications include (but not limited to):

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

Standard Economy Features

- 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

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

Materials of Construction

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

Pump and Motor

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

Deluxe (DLX) Features - In addition to ECN Features

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

E2 Specifications

60 Hz

Model		E2-0375	E2-0750	E2-1125	E2-1690	E2-2535
Part Number	ECN	1226251	1226259	1226261	1226269	1226274
	DLX	1226252	1226260	1226262	1226270	1226275
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
	(m ³ /h)	(0.07)	(0.11)	(0.20)	(0.27)	(0.40)
Concentrate Rate	gpm	0.3-0.2	0.5-0.3	0.9-0.6	1.2-0.8	1.8-1.2
	(m ³ /h)	(0.07-0.04)	(0.11-0.07)	(0.20-0.13)	(0.27-0.18)	(0.40-0.27)
Pump and Motor						
Pump Motor		←	Procon Series 2 or 3	→	Procon Series 4 or 5	
	HP (KW)	0.5 (0.37)	0.5 (0.37)	0.5 (0.37)	0.75 (0.56)	0.75 (0.56)
Membrane Elements and Filters						
Number of 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
Piping						
Inlet, Permeate, & Concentrate	Inch (cm)	0.38 (0.95)	0.38 (0.95)	0.38 (0.95)	0.38 (0.95)	0.38 (0.95)
Approximate Overall Dimensions						
Height	Inch (cm)	30 (76)	30 (76)	30 (76)	51 (130)	51 (130)
Width	Inch (cm)	18 (46)	18 (46)	18 (46)	18 (46)	18 (46)
Depth	Inch (cm)	15 (38)	15 (38)	15 (38)	15 (38)	15 (38)
Approximate Weight						
	lbs	50	55	60	75	85
	(kg)	(20)	(25)	(30)	(35)	(40)

For More Information:

Call **Osmonics Process Water Group** at **(952) 933-2277** or **(888) 898-6766**, or visit **www.osmonics.com**



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