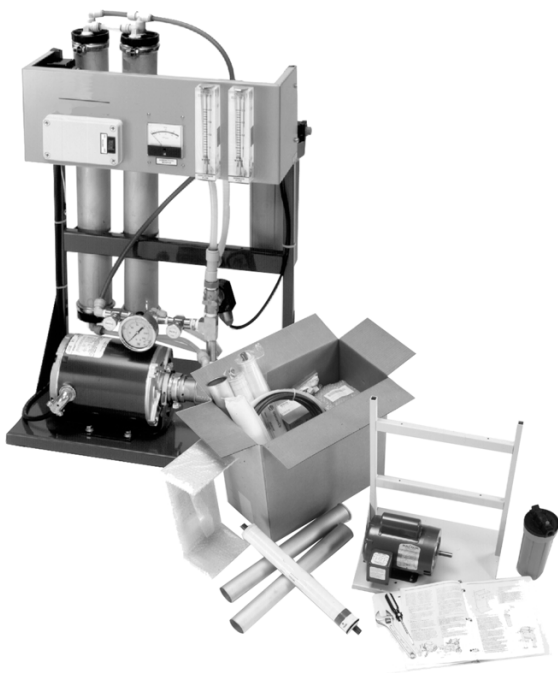


# EZ2 Kit, 60 Hz

## FACT SHEET

Reverse Osmosis Machine 375 to 2535 gallons per day



**Figure 1: EZ-2 Kit 60 Hz**

When you mention reverse osmosis (RO), Veolia is the first name to come to mind. Our E-series RO machines (Figure 1) are designed for durable operation, high-quality product water production, easy installation, and straightforward control.

### General Properties

#### Typical Applications

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

#### Standard Economy Features

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

#### Deluxe (DLX) Features – In addition to ECN Features

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

**Table 1: Operating Parameters**

<b>Operating Pressure</b>	200-220 psig
<b>Maximum Recovery</b>	50%
<b>Nominal Rejection</b>	95-98%
<b>Operating Temperature</b>	55-85 °F (12-29 °C)
<b>Minimum Inlet Pressure</b>	30 psig
<b>Design Temperature</b>	77 °F (25 °C)

**Table 2: Materials of Construction**

<b>Frame</b>	Painted carbon steel
<b>Membrane Elements</b>	AG2521TM or AG2540TM
<b>Membrane Housing</b>	Stainless Steel
<b>Tubing</b>	Polyethylene

**Table 3: Pump and Motor**

<b>Pump Type</b>	Rotary vane
<b>Motor</b>	1-phase, ODP, 110 VAC

**Table 4: EZ2 Specifications - 60 Hz**

Model		E2-0375	E2-0750	E2-1125	E2-1690	E2-2535
Part Number	ECN	1226221	1226229	1226231	1226239	1226244
	DLX	1226222	1226230	1226232	1226240	1226245
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 <sup>3</sup> /hr)	(0.07)	(0.11)	(0.20)	(0.27)	(0.40)
Concentrate Rate	gpm	0.6-0.3	1.0-0.5	1.8-0.9	2.4-1.2	3.7-1.8
	(m <sup>3</sup> /hr)	(0.13-0.07)	(0.22-0.11)	(0.40-0.20)	(0.5-0.27)	(0.80-0.40)
<b>Pump and Motor</b>						
RO Motor	HP (KW)	0.5 (0.37)	0.5 (0.37)	0.75 (0.55)	0.75 (0.55)	0.75 (0.55)
<b>Membrane Elements</b>						
Membrane Model		AG2521TM	AG2521TM	AG2521TM	AG2540TM	AG2540TM
Number of elements		1	2	3	2	3
Array		1	1-1	1-1-1	1-1	1-1-1
<b>Piping</b>						
Inlet	inch (cm)	.38 (0.95)	.38 (0.95)	.38 (0.95)	.38 (0.95)	.38 (0.95)
Permeate	inch (cm)	.38 (0.95)	.38 (0.95)	.38 (0.95)	.38 (0.95)	.38 (0.95)
Concentrate	inch (cm)	.38 (0.95)	.38 (0.95)	.38 (0.95)	.38 (0.95)	.38 (0.95)
<b>Approximate Overall Dimensions</b>						
Height	inch (cm)	30 (76)	30 (76)	30 (76)	30 (76)	30 (76)
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)
<b>Approximate Shipping Weight</b>						
	lbs	50	55	60	75	85
	(kg)	(20)	(25)	(30)	(35)	(40)

**Veolia Water Technologies**  
 Please contact us via:  
[www.veoliawatertechnologies.com](http://www.veoliawatertechnologies.com)

