

## Reverse Osmosis Systems E8-LE Series 58,800 to 288,000 Gallons Per Day

Model: E8-180K  
Reverse Osmosis System



### FEATURES

- Low pressure spiral wound modules that feature turbulent flow for the ultimate in fouling resistance.
- Quiet, high efficiency pumps.
- Side-entry stainless steel housings for easy installation and maintenance.
- All stainless steel welding is done using tungsten inert gas (TIG).
- All components that come in contact with the product water are either inert plastic or stainless steel.
- Sanitization port for membrane sterilization.
- Panel mounted instrumentation for easy reading.
- Auto Flush system.
- Clean In Place (CIP) system.
- Inert wetted materials, which are compatible with peracetic acid-based sanitization agents.
- Pre-wired NEMA 4X/IP66 motor starter
- All components are factory tested.
- Built-in stainless steel 5-micron pre-filter cartridge housings.
- A wide variety of options to allow the E8-LE to be used in any application within the capacity of the system.
- Fast, responsive factory and dealer support on any problem or question.

**For More Information Please Call  
1(800)CAL-WATER - (800) 225-9283**

## OPTIONS

- Complete pH buffer system including chemical feed pump mounted on the unit, injection ports, and a day tank for acid.
- Panel mounted percent rejection meter.
- ECM-100 Solid-state controller/monitor.
  - Comprehensive alarm package with user adjustable limits and timers.
  - Central, easy to read alarm display w/status indicator lights.
  - RS-232 comm. Port to download data to a computer.
- **Cal Water support**, including service contracts. (Limited – OR – **Turnkey.**)

## SIZING AND SELECTION GUIDE

Osmonics E8 Model	Nominal GPD @ 77F	Recovery Range	Product gpm	Feed GPM @		Inlet Pipe Size	Elements		Pump HP	Dimensions			Shipping Weight
				66%	75%		No.	Array		H	W	D	
E8- 57K	56,800	66-75%	40	61	53	2"	8	1-1-1	15	72"	139"	40"	2600
E8- 72K	72,200	66-75%	50	76	67	2"	10	2-1-1	20	72"	139"	40"	3000
E8- 86K	86,000	66-75%	60	91	80	2"	12	2-1-1	20	72"	139"	40"	3100
E8- 108K	108,000	66-75%	75	114	100	2"	15	3-2	25	72"	139"	40"	3400
E8- 144K	144,000	66-75%	100	152	133	3"	20	3-2	40	72"	179"	40"	3500
E8- 180K	180,000	66-75%	125	189	167	3"	25	3-2	50	72"	219"	40"	3900
E8- 216K	215,800	66-75%	150	227	200	3"	30	3-2	50	72"	260"	40"	4000
E8- 288K	288,000	66-75%	200	303	267	3"	36	4-2	60	72"	260"	40"	4300

Minimum inlet pressure is 35 psi. Maximum chlorine or other oxidizer content is 0.5 ppm. Maximum inlet temperature is 90°F. Maximum turbidity is 5 NTU.

The **E8-LE Series** Reverse Osmosis (RO) units are high performance systems, that are reliable and highly energy efficient. They feature product to brine ratios that conserve water and reduce pre-treatment costs. They are equipped with the new Osmonics® low pressure membranes, and energy efficient pumps. The result is a series of RO systems that are environmentally friendly with low operating costs.

**Note:** With systems of this size and complexity, factory and dealer engineering are required for not only the RO unit, but also the necessary pre-treatment based on current and previous water analysis taken at the job site and post treatment and storage as dictated by customer water quality specifications. Consideration must also be taken of the logistics of the installation and the local infrastructure in general. This engineering and analysis must be done before a specific warranty can be issued, and will be included as an option in any quoted price.

**General Warranty:** All E8-LE controls are backed by a 1-year warranty. E8-LE pressure vessels have a 5-year warranty. All warranties are for parts and factory labor only, barring misuse or abuse. Warranties are specifically limited to the repair or replacement of the equipment. Membranes and other expendable items are not included in the equipment warranty, but may be covered under a separate service contract.

Cal-Water has been selling, installing and servicing water purification equipment since **1946**.

**Cal Water**, 1961 Petra Lane, Placentia, CA 92870  
**(800) CAL-WATER** (800) 225-9283  
 FAX: (714) 792-0794  
 Web Page / Email: [www.cal-water.com](http://www.cal-water.com)

Orange County (714) 835-7878  
 Los Angeles County (323) 663-8335  
 San Diego County (619) 457-8411