



EPRO™ SW – Reverse Osmosis (RO) Systems for Residential and Commercial Applications

EPRO™ SW systems are designed to maximize water purification efficiency and produce high-quality clean water from tap water, brackish water, and **seawater**. After removing impurities such as salts, bacteria, and dissolved solids, clean water is supplied through existing taps (faucets) for use in residences and commercial applications.

Features

- Complete RO systems with efficient, high quality pumps, motors, and membranes for **energy savings and low maintenance**
- Up to **99.8%** purification rate² provides **clean water** and improved wash/rinse characteristics, reducing service cost of equipment and appliances by removing harmful chemicals and minerals
- Up to **45% recovery** rates³ minimize water waste
- Compact, preassembled design enables **installation in under 2 hours**, limiting start-up costs and space requirements

Applications

- Desalination and Purification of home, business, or commercial use water supply
- Laundries and cleaners
- Misting, humidification
- Nurseries, greenhouses



EPRO 6000SW



800.828.2447 | 941.480.9101 | eprowater.com

Technical Specifications (Standard on EPRO SW Systems)

- **Product flow rate:** from 1000 to 6000 GPD¹ (3.8-22.7 m³/day)
- **Purification rate:** up to 99.8%²
- **Recovery rate:** approx. 45%³
- **Pump:** Danfoss ultra-quiet 2205 duplex stainless steel
- **Other standard features:**
 - 2205 duplex stainless steel high-pressure piping
 - Automatic feed/source shutoff
 - Low pressure switch
 - High pressure relief safety valve
 - Product TDS meter
 - Liquid-filled pressure gauges
 - Permeate flush
 - 1 micron sediment pre-filter
 - 208-230/460 V 3 phase 60 Hz TEFC motor

Dimensions (Fully Assembled)

- W x D x H: 33"x34"x66" (84cm x 86cm x 168cm)

Warranty

- **One year** limited manufacturer's warranty on parts & labor

Options

- Chemical dosing mechanism
- 208-230/460 V 3 phase 50 Hz TEFC motor
- Other options are available – please consult your local EPRO Representative

EPRO SW Specifications						
System	Flow Rate (GPD / m ³ / day)	Max. Operating Pressure (PSI / kPa)	Inlet Size (inches)	Membrane Dimensions / Quantity	Nominal Recovery (without recycle)	Motor Horsepower
EPRO 1000SW	1000 / 3.8	900 / 6307	3/4"	4" x 40" / 1	14%	3
EPRO 2000SW	2000 / 7.6	900 / 6307	3/4"	4" x 40" / 2	24%	3
EPRO 3000SW	3000 / 11.4	900 / 6307	3/4"	4" x 40" / 3	32%	5
EPRO 4000SW	4000 / 15.1	900 / 6307	1"	4" x 40" / 4	38%	7.5
EPRO 5000SW	5000 / 18.9	900 / 6307	1"	4" x 40" / 5	42%	7.5
EPRO 6000SW	6000 / 22.7	900 / 6307	1"	4" x 40" / 6	45%	10

Important

Specifications are subject to change without notice. Systems shown with options. Contact your **EPRO** Representative for the latest options and specifications.

Stated rates are based on 60Hz application and feed water TDS of 35,000 PPM at 77° F (25° C). While all EPRO systems are equipped with an integral pre-filter, a separate and properly sized multimedia filter (or equivalent pre-treatment equipment) should be used to protect the RO pump and membranes from coarse particles. Please ask your local representative about the selection of appropriate pre-treatment equipment.

¹ Varies with size of system.

² Based on membrane manufacturer's specifications. Actual purification rates will vary with system configuration and feed/source water quality.

³ Recovery rates will vary with system configuration and feed/source water quality. Systems without waste water recycling will have lower recovery rates.

Water should be tested before consumption.



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