



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

EPRO™ systems are designed to maximize water purification efficiency. Available models offer a choice of flow rates and configurations for removal of impurities such as bacteria and dissolved solids from tap water or brackish water. Purified high-quality 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 **99.4%** 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 **80% recovery** rates³ minimize water waste
- Compact, preassembled design enables **installation in under 2 hours**, limiting start-up costs and space requirements

Applications

- Purification of home water supply
- Carwash rinse water (for spot-free shine)
- Laundries and cleaners
- Food and beverage production, bottling
- Pharmaceutical production/laboratories
- Paint and assembly
- Electronics fabrication
- Boiler & cooling tower makeup water
- Misting, humidification
- Nurseries, greenhouses
- Commercial printing



EPRO 8000



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Technical Specifications (Standard on EPRO Systems)

- **Product flow rate:** from 600 to 10,000 GPD¹ (2.3-37.9 m³/day.)
- **Purification rate:** up to 99.4%²
- **Recovery rate:** up to 80%³
- **Automatic feed water valve shutoff**
- Stainless steel centrifugal pump
- Flow meters for product and discarded water
- Liquid-filled pressure gauges
- 5 micron sediment pre-filter
- Fiberglass reinforced plastic or Stainless Steel pressure vessels
- Concentrate control valve
- 110 V or 220 V single phase 60 Hz motor

Dimensions

- W x D x H: 26"x20"x53" (66cm x 51cm x 135cm)

Warranty

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

Options

- Auto flush
- Electronic control with low flow switch
- Digital TDS monitor
- Recycle flow meter and valve
- Coldwater and high-efficiency membranes
- 208-230/480 V 3-phase 60 Hz motor
- Other options are available – please consult your local EPRO Representative

EPRO 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 600	600 / 2.3	180 / 1342	1/2"	2.5" x 40" / 1	25%	1/3
EPRO 1200	1200 / 4.5	180 / 1342	1/2"	2.5" x 40" / 2	40%	1/2
EPRO 1500	1500 / 5.7	180 / 1342	3/4"	4" x 40" / 1	25%	1
EPRO 3000	3000 / 11.4	180 / 1342	3/4"	4" x 40" / 2	40%	1
EPRO 4500	4500 / 17	180 / 1342	3/4"	4" x 40" / 3	40%	1.5
EPRO 6000	6000 / 22.7	180 / 1342	3/4"	4" x 40" / 4	50%	1.5
EPRO 8000	8000 / 30.3	180 / 1342	1"	4" x 40" / 5	50%	3
EPRO 10000	10000 / 37.9	180 / 1342	1"	4" x 40" / 6	60%	3

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 500 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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