



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, pre-assembled 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

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 shut-off**
- 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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