



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

EPRO™ E systems are designed to maximize water purification efficiency and produce high-quality clean water from tap water or brackish water. After removing impurities such as 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 **99.4%** purification rate<sup>2</sup> provides **clean water** and improved wash/rinse characteristics, reducing service cost of equipment and appliances by removing harmful chemicals and minerals
- Up to **40% recovery** rates<sup>3</sup> 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 1500**



## Technical Specifications (Standard on EPRO E Systems)

- **Product flow rate:** 1,200 to 3,000 GPD<sup>1</sup> (5.7 to 11.36 m<sup>3</sup>/day)
- **Purification rate:** up to 99.4%<sup>2</sup>
- **Recovery rate:** up to 40%<sup>3</sup>
- Automatic feed/source water shutoff valve
- Liquid-filled pressure gauges
- Flow meters for product and discarded water
- 5 micron sediment pre-filter
- 110/220 V 1 phase 60 Hz TEFC motor

## Dimensions (Fully Assembled)

- W x D x H: 24"x18"x55" (61cm x 46cm x 140cm)

## Warranty

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

## Options

- Coldwater membranes (when using cold water source)
- 110/220 V 1 phase 50Hz TEFC motor
- Other options are available – please consult your local EPRO Representative

EPRO E Specifications

System	Flow Rate (GPD / m <sup>3</sup> / day)	Max. Operating Pressure (PSI / kPa)	Inlet Size (inches)	Membrane Dimensions / Quantity	Nominal Recovery (without recycle)	Motor Horsepower
EPRO 1500E	1500 / 5.7	180 / 1342	3/4"	4" x 40" / 1	25%	1
EPRO 3000E	3000 / 11.4	180 / 1342	3/4"	4" x 40" / 2	40%	1

## 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.

<sup>1</sup> Varies with size of system.

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

<sup>3</sup> 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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