



Factory-Tested
Commercial & Residential
RO Systems



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About Newterra

A Global Water Technology Leader

Newterra is recognized as a leader in the development of modular treatment solutions for water, sewage, wastewater and groundwater remediation for industrial, municipal, land development, commercial & residential markets. Our heritage of innovation in providing clean water solutions dates all the way back to 1863. Over that time, **Newterra** has grown to over 200 people and we've installed thousands of treatment systems – some of which operate in the most extreme conditions on the planet.

Full Control from Start to Finish

At **Newterra**, we take full control of virtually every aspect of the treatment systems we build – from process design and engineering to manufacturing, installation, operations and ongoing parts & service support. That also includes manufacturing our own MicroClear® UF membranes in **Newterra's** ISO 9001:2008 certified facility. This award-winning approach ensures **Newterra** treatment systems meet our high standards for quality and on-time delivery.

200+
Employees

40+
Professional
Engineers

10,000+
Installations
Worldwide



Brockville, Canada



Langgöns, Germany



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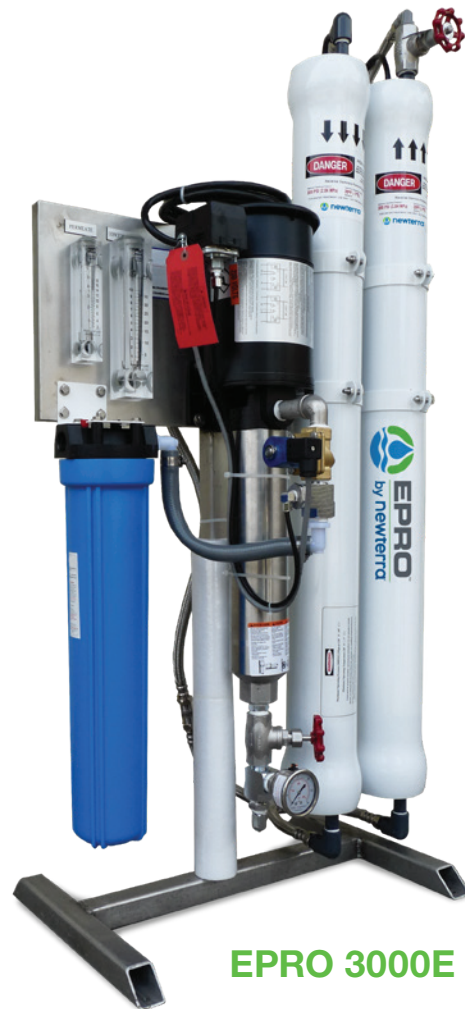
EPRO™ E – Reverse Osmosis (RO) Systems for Residential and Commercial Applications

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.

- 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 **40% 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 3000E



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Technical Specifications (Standard on EPRO E Systems)

- **Product flow rate:** 1,200 to 3,000 GPD¹ (5.7 to 11.36 m³/day)
- **Purification rate:** up to 99.4%²
- **Recovery rate:** up to 40%³
- 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 ³ / 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.

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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