



EPRO™ WM Reverse Osmosis Systems For Residential & Commercial Applications

EPRO™ WM (wall mount) 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 4500WM



800.828.2447 | 941.480.9101 | eprowater.com

Technical Specifications (Standard on EPRO WM 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
- **Lightweight aluminum frame**
- Automatic feed water shutoff
- Stainless steel centrifugal pump
- Brass rotary vane high-pressure pump on EPRO 600WM and 1200WM
- Flow meters for product and discarded water
- Liquid-filled pressure gauges
- Electronic control with low flow switch
- 5 micron sediment pre-filter
- Fiberglass reinforced plastic or Stainless Steel pressure vessels
- Concentrate control
- 110 V or 220 V single phase 60 Hz motor

Dimensions (Fully Assembled)

- W x D x H: 35"x18"x52" (90cm x 46cm x 132cm)

Warranty

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

Options

- Auto flush
- Digital TDS monitor
- Recycle flow meter and valve
- Coldwater and high-efficiency membranes
- 220 V single phase 50 Hz motor
- 220 V 3-phase 60Hz motor
- Other options are available – please consult your local EPRO Representative

EPRO WM 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 600WM | 600 / 2.3 | 180 / 1342 | 1/2" | 2.5" x 40" / 1 | 25% | 1/3 |
| EPRO 1200WM | 1200 / 4.5 | 180 / 1342 | 1/2" | 2.5" x 40" / 2 | 40% | 1/2 |
| EPRO 1500WM | 1500 / 5.7 | 180 / 1342 | 3/4" | 4" x 40" / 1 | 25% | 1 |
| EPRO 3000WM | 3000 / 11.4 | 180 / 1342 | 3/4" | 4" x 40" / 2 | 40% | 1 |
| EPRO 4500WM | 4500 / 17.0 | 180 / 1342 | 3/4" | 4" x 40" / 3 | 40% | 1.5 |
| EPRO 6000WM | 6000 / 22.7 | 180 / 1342 | 3/4" | 4" x 40" / 4 | 50% | 1.5 |
| EPRO 8000WM | 8000 / 30.3 | 180 / 1342 | 1" | 4" x 40" / 5 | 50% | 3 |
| EPRO 10000WM | 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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