

Part Numbers

PWP-250WM

PWP-500WM

PWP-1000WM

PWP-1500WM

PWP-2000WM

PRODUCT NAME:

Wall Mount Reverse Osmosis System

STANDARD FEATURES:

- Manual On and Off Control Switch
- White Powder Coated Aluminum Frame
- 5 Micron Sediment Pre-Filter
- Single O-Ring Filter Housings
- Brass Rotary Vane High Pressure Pump
- ODP High Efficiency Carbonator Motor
- Low Energy Membranes
- Concentrate Flow Meter
- PVC Membrane Housings
- Permeate Flow Meter
- Feed Low-Pressure Switch
- Feed Solenoid Valve
- 316 Stainless Steel Concentrate Valve
- 0-300 psi Pump Pressure Gauge
- 0-100 psi Pre-Filter Pressure Gauge
- John Guest push/pull fittings with locking safety clips

Overview

PWP Wall Mount Reverse Osmosis Systems are designed for easy filter and membrane servicing, as well as for higher recovery rates and minimal energy consumption, while offering higher flow rates and contaminant rejection levels.

PWP standard water purification systems can be used in a variety of applications and can also be customized for use with higher TDS levels.

System capacities range from 250 to 4000 gallons per day and include an expandable design that allows for many options and upgrades for most applications.

The easy-mount bracket allows for alignment and mounting of a lightweight support bracket and securing of a Wall Mount Reverse Osmosis System.

PWP Wall Mount Reverse Osmosis Systems offer greater savings, lower maintenance and operation costs.



PWP-2000 Wall Mount Reverse Osmosis System

| Specifications | PWP-250 | PWP-500 | PWP-1000 | PWP-1500 | PWP-2000 |
|--------------------------|--|--|--|--|--|
| Production (gpd) | 250 | 500 | 1000 | 1500 | 2000 |
| Connections | | | | | |
| Feed | 3/4 in FNPT | 3/4 in FNPT | 3/4 in FNPT | 3/4 in FNPT | 3/4 in FNPT |
| Permeate | 3/8 in Tube | 3/8 in Tube | 3/8 in Tube | 3/8 in Tube | 3/8 in Tube |
| Concentrate | 3/8 in Tube | 3/8 in Tube | 3/8 in Tube | 3/8 in Tube | 3/8 in Tube |
| Membranes | | | | | |
| Membranes per Vessel | 1 | 1 | 1 | 1 | 1 |
| Membrane Quantity | 1 | 2 | 3 | 2 | 3 |
| Membrane Size | 2521 | 2521 | 2521 | 2540 | 2540 |
| Vessels | | | | | |
| Vessel Array | 1 | 1:1 | 1:1:1 | 1:1 | 1:1:1 |
| Vessel Quantity | 1 | 2 | 3 | 2 | 3 |
| Pumps | | | | | |
| Pump Type | Positive Displacement | Positive Displacement | Positive Displacement | Positive Displacement | Positive Displacement |
| Motor (HP) | 1/3 | 1/3 | 1/2 | 3/4 | 3/4 |
| Electrical | | | | | |
| Standard Voltage | 110/220V, 50/60Hz, 1 PH | 110/220V, 50/60Hz, 1 PH | 110/220V, 50/60Hz, 1 PH | 110/220V, 50/60Hz, 1 PH | 110/220V, 50/60Hz, 1 PH |
| System Dimensions | | | | | |
| L x W x H (in / cm) | 10 x 38 x 38 / 25.4 x 96.52 x 96.52 | 10 x 38 x 38 / 25.4 x 96.52 x 96.52 | 10 x 38 x 38 / 25.4 x 96.52 x 96.52 | 10 x 38 x 45 / 25.4 x 96.52 x 114.3 | 10 x 38 x 45 / 25.4 x 96.52 x 114.3 |
| Weight (lb / kg) | 60 / 27.22 | 65 / 29.48 | 70 / 31.75 | 95 / 43.09 | 135 / 61.24 |

* Product Flow rates and recovery are based on equipment test parameters

** Does not include operating space requirements

*** Treatment ability of the RO system is dependent on feed water quality. Performance projections must be run for each installation.

† Low temperatures and high feed water TDS levels will significantly affect systems production capabilities. Computer projections should be run for individual applications which do not meet or exceed minimum and maximum operating limits.