

PURE WATER

Series PWR4011 Commercial Reverse Osmosis Systems

Watts Pure Water Series PWR4011 reverse osmosis (RO) systems are constructed from the toughest of materials. We use stainless steel pumps, piping, and mounting panels to ensure system longevity. RO Membrane housings are constructed of fiberglass reinforced plastic for superior chemical resistance.

Our conservative design approach ensures that the RO membranes are operated according to the membrane manufacturer's guidelines. This reduces the potential for membrane fouling that often occurs on systems with undersized pumps.



PWR40113022

Standard Features

- Stainless steel wall mount frame
- Fiberglass reinforced plastic membrane housings
- 4 ½" X 10" Pre-filter
- Multi-stage centrifugal pump
- Automatic inlet valve
- Low-pressure shutdown with automatic restart
- Tank level input
- Pretreatment interlock input
- Adjustable reject recycle
- Prefilter pressure gauges
- Liquid filled pump discharge pressure gauge
- Product flow meter
- Reject flow meter
- Product check valve
- Product sample valve
- Stainless steel high-pressure piping

⚠ WARNING

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Performance

Maximum Productivity (gallons per day)	1800	3600	5400
Quality (typical membrane percent rejection)	98 %	98 %	98 %
Recovery (adjustable)	15 - 75 %	25 - 75 %	35 - 75 %
Membrane Size	4" x 40"		
Number Of Membranes	1	2	3
Prefilter (system ships with one 5 micron cartridge)	10" BB		
Feed Water Connection	1" NPT		
Product Water Connection (tubing OD)	½"	½"	⅝"
Reject Water Connection (tubing OD)	½"		
Feed Water Required (at 50% recovery)	2.5 gpm	5 gpm	7.5 gpm
Feed Water Pressure (minimum)	20 psi		
Drain Required (maximum)	10 gpm		
Electrical Requirement (other voltages available)	230 VAC 60 Hz 6 amps	230 VAC 60 Hz 6 amps	230 VAC 60 Hz 9 amps
Motor Horse Power	1	1	1.5
Dimensions L x H x D (approximate)	49" x 53" x 15"		

Ordering Information

MODEL	DESCRIPTION
PWR40113012	1800 gallon per day RO with stainless steel valves and fittings
PWR40113022	3600 gallon per day RO with stainless steel valves and fittings
PWR40113032	5400 gallon per day RO with stainless steel valves and fittings

NOTICE

- Maximum production based on a feed water of 77°F, SDI < 3, 1000 ppm TDS, and pH 8. Individual membrane productivity may vary (± 15%). May be operated on other feed waters with reduced capacity.
- Percent rejection is based on membrane manufacturer's specifications; overall system percent rejection may be less.



A Watts Water Technologies Company

USA: Tel: (800) 224-1299 • Fax: (978) 794-1848 • Watts.com/PureWater

Canada: Tel: (905) 332-4090 • Fax: (905) 332-7068 • Watts.ca/PureWater

Latin America: Tel: (52) 81-1001-8600 • Fax: (52) 81-8000-7091 • Watts.com/PureWater