

PURE WATER

Series PWR2511 Commercial Reverse Osmosis Systems

Watts Pure Water Series PWR2511 reverse osmosis (RO) systems provide permeate rates from 150 to 1200 gallons per day (568 to 4542 liters per day). 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. Our systems are built to meet your flow requirements on startup and continue to meet that same requirement for years of service.



PWR25113021

Standard Features

- Stainless steel wall mount frame
- Inlet solenoid valve
- 10" prefilter
- ½ HP motor
- Brass pump
- 2 ½" liquid filled pump pressure gauge
- Fiberglass reinforced plastic membrane housings
- Concentrate needle valve
- Concentrate recycle needle valve
- Stainless steel product check valve
- Off / Auto product pressure switch
- Tank level and pretreatment interlock inputs
- Low-pressure protection with auto reset
- Prefilter Pressure Gauges
- Product and concentrate water flow meters

System comes standard with concentrate fast flush (auto-flush).

⚠ 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)	150	250	600	1200
Quality (average membrane rejection)	98 %	98 %	98 %	98 %
Recovery (user adjustable)	15 - 75 %	15 - 75%	15 - 75 %	25 - 75 %
Membrane Size	2.5" x 14"	2.5" x 21"	2.5" x 40"	2.5" x 40"
Number Of Membranes	1	1	1	2
Prefilter (system ships with one 5 micron cartridge)	10"			
Feed Water Connection	½" NPT			
Product Water Connection (tubing OD)	¾"			
Reject Water Connection (tubing OD)	¾"			
Feed Water Required (maximum)	2.4 gpm			
Feed Water Pressure (minimum)	20 psi			
Drain Required (maximum)	2.4 gpm			
Electrical Requirement	120 VAC 60 Hz 8 amps			
Motor Horse Power	½			
Dimensions W x H x D (approximate)	22" x 32" x 12"		22" x 52" x 12"	
Shipping Weight (estimated pounds)	50	50	60	70

Ordering Information

MODEL	DESCRIPTION
PWR25111011	150 Gallon Per Day Reverse Osmosis System With Auto Flush
PWR25112011	250 Gallon Per Day Reverse Osmosis System With Auto Flush
PWR25113011	600 Gallon Per Day Reverse Osmosis System With Auto Flush
PWR25113021	1200 Gallon Per Day Reverse Osmosis System With Auto Flush
PWR2864	Optional Stainless Steel Leg Kit For All Models

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

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