

PURE WATER

Series PWR4021 Commercial Reverse Osmosis Systems

Watts Pure Water Series PWR4021 reverse osmosis (RO) systems combine rugged design and high output with small space requirements and ease of service. We use fiberglass reinforced plastic membrane housings for superior corrosion 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.



PWR40213063

⚠ WARNING

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

Standard Features

- Powder coated steel frame
- Fiberglass reinforced plastic membrane housings
- 4 1/2" X 20" Pre-filter
- Heavy-duty multi-stage centrifugal pump
- Automatic inlet valve
- Low-pressure shutdown with delayed automatic restart
- Tank level input
- Pretreatment interlock input
- Adjustable reject recycle
- Prefilter pressure gauges
- Liquid filled pump discharge, and reject pressure gauges
- Product, reject, and reject recycle flow meters
- Product check valve
- Electronic controller with product water conductivity meter, and alarm output
- Programmable concentrate flush (Auto flush)

Performance

Maximum Productivity (gallons per day)	3600	5400	7200	9000	10,800
Quality (typical membrane percent rejection)	98 %				
% Recovery (adjustable)	25 - 75	36 - 75	42 - 75	46 - 75	50 - 75
Membrane Size	4" x 40"				
Number Of Membranes	2	3	4	5	6
Prefilter (systems ship with one 5 micron cartridge)	20" BB				
Feed Water Connection	1" FNPT				
Product Water Connection	¾" FNPT				
Reject Water Connection	¾" FNPT				
Feed Water Required (GPM at 50% recovery)	5	7.5	10	12.5	15
Feed Water Pressure (minimum)	20 psi				
Drain Required (maximum)	15 gpm				
Electrical Requirement (other voltages available)	230 VAC, 3-phase, 60 Hz, 15 amps				
Motor Horse Power	5				
Dimensions W x D x H (approximate)	51" x 18" x 57"				
Shipping Weight (estimated pounds)	400	500	600	700	800

Ordering Information

MODEL	DESCRIPTION
PWR40213023	3600 GPD Reverse Osmosis System with Micro Processor Control and Auto Flush
PWR40213033	5400 GPD Reverse Osmosis System with Micro Processor Control and Auto Flush
PWR40213043	7200 GPD Reverse Osmosis System with Micro Processor Control and Auto Flush
PWR40213053	9000 GPD Reverse Osmosis System with Micro Processor Control and Auto Flush
PWR40213063	10,800 GPD Reverse Osmosis System with Micro Processor Control and Auto Flush

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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