

PWVRO SERIES VERTICAL RO SYSTEMS

2000/4000/6000/
8000/10,000 GPD



The PWVRO system is a compact, robust RO water purifier fully equipped with the instruments and controls needed for reliable long-term operation in a wide range of commercial, industrial, and residential applications.

MODELS

The PWVRO systems are available in small to mid-range model sizes of 2000, 4000, 6000, 8000, and 10,000 gallons per day (GPD) product water output.

STANDARD FEATURES

- **Frame** - welded tubular stainless steel
- **Membranes** - low energy, thin film (high rejection option)
- **Pump** - SS multi-stage centrifugal
- **Vessels/Filter Housings** - stainless steel
- **Electrical** - 208-220V 60Hz 1-phase
- **Valves** - brine and recirculation
- **Switches** - low feed pressure cut out
- **Control Systems** - microprocessor based
- **Standard Panel Instruments** - conductivity monitor, recirculation/brine/product flowmeters

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OPTIONS & ACCESSORIES

- Pureflush: flushes membrane with permeate
- High pressure: high pressure shutoff
- Blend valve: adds filtered water to permeate
- NANO membranes
- Special membranes
- Special pre/post filter
- Storage tanks and tank level controls
- Cleaning skids
- Integrated skids
- Repressurization systems
- Base frame and casters
- Anti-scalant/chemical injection
- 12,000 GPD system

SPECIFICATIONS

Model	PWV2000	PWV4000	PWV6000	PWV8000	PWV10000
Capacity	2000GPD	4000GPD	6000GPD	8000GPD	10000GPD
Membranes	1	2	3	4	5
Electrical	110/208-220V 60Hz 1 - Phase			208-220V 60Hz 1 - Phase	
Connections	3/4" FPT/1/2"QC/1/2"QC			3/4" FPT/1/2"QC/3/4"FPT	
Concentrate Rate	3GPM	3GPM	3GPM	6-9GPM	6-9GPM
Nominal Recovery	75%				
TDS Rejection	98%				
Motor	.75HP	1.0HP	1.0HP	1.5HP	2.0HP
Weight (Dry)	150lbs	170lbs	190lbs	220lbs	250lbs
Dimensions	22"W x 26"D x 49"H			28"W x 32"D x 49"H	

OPERATING PARAMETERS

Normal/Max Operating Pressure - 150/200psi	
Max Feed Temp - 110F	Feed pH - 3-10
Dechlorination Required if > 0.1ppm	Max Feed TDS - 5000 ppm