

PureWaterMachine™

by VERTEX

Commercial Water Purification

For whole house supply, water stores, boiler water and process water

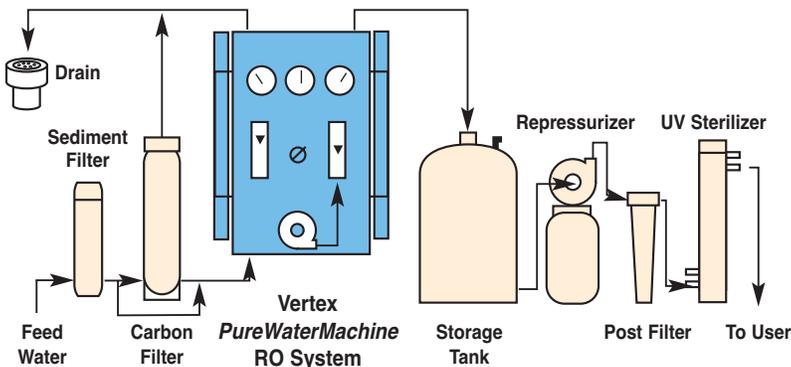
Built on a sturdy free-standing powder coated steel frame, these use commercial size RO membranes which typically removes 95% of the TDS. These systems are designed to handle up to 2500 ppm TDS, with an estimated 3-year life for the RO membrane. All models come with sediment and carbon prefilters. Pre-treatment is required by the user for larger flow rates and hard water. See schematic below.

Features

- TFC reverse osmosis membranes with stainless steel housings
- Positive displacement pump with motor
- Feed water solenoid valve
- Product water flow meter, product water TDS sensor
- Brine control with manual needle valve
- Pressure gauges for supply water and pump inlet
- Membrane flush system
- Low pressure shut down switch



PWM-600



System Rating* Gal/Day	Pressure PSI Oper./Max	Height Inches	Width Inches	Depth Inches	Inlet/Outlet Connection Size		Weight Pounds	Motor HP 115/60	RO Membrane	Order Number
600	125/175	38	24	14	3/4" NPT	3/8" tube	66	1/2	2521 x 2	PWM-600
1200	125/175	38	24	14	3/4" NPT	3/8" tube	86	1/2	4021 x 1	PWM-1200
1800	150/300	52	28	19	3/4" NPT	1/2" NPT	120	1	4040 x 1	PWM-1800

*System rating based on engineering constraints for proper flow at membrane surface.

Typical configuration shown. Water Analysis and conditions must be provided to properly size the system.



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