

# PureWaterMachine™

by VERTEX

## Commercial Water Purification

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

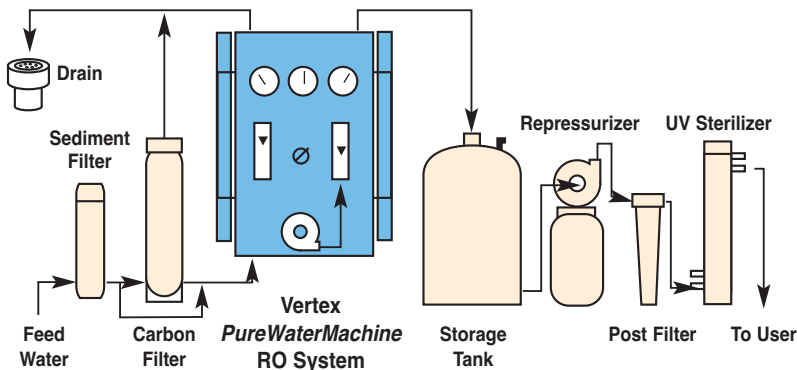
Built on a sturdy free-standing powder coated steel frame, these use commercial size RO membranes which typically removes 95% of the TDS. These systems are designed to handle up to 2500 ppm TDS, with an estimated 3-year life for the RO membrane. All models come with sediment and carbon prefilters. Pre-treatment 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*<br>Gal/Day | Pressure<br>PSI<br>Oper./Max | Height<br>Inches | Width<br>Inches | Depth<br>Inches | Inlet/Outlet<br>Connection Size |           | Weight<br>Pounds | Motor HP<br>115/60 | RO<br>Membrane | Order<br>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.

Authorized Dealer



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