

PureWaterMachine™

by VERTEX®

5-Stage RO w/Booster Pump

Booster pump provides needed pressure.

Standard Features

- Auto shut-off valve (conserves water)
- Flow restrictor – modified capillary
- Long reach, non-airgap faucet
- Feed water connector – threaded inlet adapter with metal ballvalve
- Drain clamp
- 1/4 inch flexible polyethylene tubing w/JACO compression fittings
- 2 year limited warranty

This 5-stage **Vertex PureWaterMachine** is designed to ensure premium water quality even when the water pressure is below 40-psi - common in well water systems. The booster pump provides a pressure of 80psi to the RO membrane to operate the system at peak efficiency. The additional Carbon Block filter is added to treat water containing high VOC's, high levels of chlorine, or where odor or taste is a problem. Two sediment filters and one carbon filter can be used where there is heavy sediment load. The system comes complete ready to install with connection hardware, tubing, faucet and instruction manual.



PT-4.0/5/P

IAPMO R&T
WATER QUALITY
PLATINUM SEAL
IAPMO RESEARCH AND TESTING

**CERTIFIED
REDUCED
CONTAMINANTS**

Arsenic,
Barium
Cadmium,
Chromium III & VI
Copper
Fluoride
Lead
Nitrate
Nitrite
Radium 226 & 228
Selenium
Turbidity
TDS

Tested for structural integrity, chemical extraction and reduction of contaminants

Specifications: Shipping Weight: 28 lb. Dimension: 15.5"L x 7"W x 18"H. Tank: 11 dia. x 15.5"H

Conditions of Use: Water must be microbiologically safe; System pressure, 40 min to 100 max psi; Temperature, 40 to 100° F; PH Range, 3 to 10; Turbidity – less than 1.0 NTU; TDS, 1500 PPM max

ORDERING

4 stage Reverse Osmosis	PT-4.0/5/P
Air Gap Faucet option	add /AG
3/8" Line to Faucet option	add /3/8
Self-piercing Saddle Valve option	add /SV
Quick Connect Fittings option	add /QC
Metal Tank option	add /MT
Filter Replacement Kit	FK-101

STAGE ONE

Sediment Filter, 5-Micron Polyspun Cartridge, 2 1/2" dia. x 9 3/4" long

STAGE TWO

Activated Carbon Block Filter
5 Micron, 2 1/2" dia. x 9 3/4" long

STAGE THREE

Reverse Osmosis Membrane, Filmtec
36 GPD TFC @ 65 PSI Pressure Differential

STAGE FOUR

Post-Filter, In-Line, Granular
Activated Carbon, 2" dia. x 10" long

STAGE FIVE

5 Micron Carbon Block Post Filter
Encapsulated 1/4 turn Twist-Off Cartridge

BOOSTER PUMP

Flow through diaphragm pump, 24 volt DC
115 VAC/24 VDC 60 Hz. Boosts system
pressure to 80 PSI

TANK

4.0 Gallon Plastic Tank (metal tank available),
Pre-pressurized with Butyl Bladder (2.5 gal.
water capacity when full)

Authorized Dealer