

PureWaterMachine™

by VERTEX

High Efficiency System

4 stage RO with permeate pump

Standard Features

- Increases efficiency without electricity
- Fills the tank up to 5 times faster
- 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 with JACO compression fittings
- 1 year limited warranty

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

TANK

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

Specifications: Shipping Weight: 25 lb.
Dimension: 14" L x 6" 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

PT-4.0/PP



Use the Use the **VERTEX PT-4.0/PP** where the water pressure is marginal (30-45 psi) and/or the TDS is high, and there is no power available for a booster pump. The non-electric permeate pump, which is placed after the flow restrictor in the brine discharge line, recovers pressure energy from the brine and forces product water to the storage tank. This reduces the membrane back pressure and increases its efficiency allowing the tank to fill up to 5 times faster. The tank pressure is brought to 90% of the inlet pressure, increasing the flow from the faucet. The autovalve is replaced by the permeate pump. The system comes complete ready to install with connection hardware, tubing, faucet and instruction manual.

This pump can be added to an installed unit to improve performance.

ORDERING INFORMATION

4 stage Reverse Osmosis with Permeate Pump Kit only	PT-4.0/PP PP-5006
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-100

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