

# PureWaterMachine™

by VERTEX



**NEW**

## Green Machine *Supreme*

### *Water-Wise and Eco-Friendly*

- 85% less water sent to drain
- Tank fills 4 times faster
- No electricity needed
  - powered by brine water flow
- Eco-Friendly Greenblock® filtration media
- 4 and 5-stage versions available

With the ongoing drought conditions here in the southwest, it is more important than ever to use water wisely and eliminate wasting water whenever possible. We have added 3 new models to our standard **GreenMachine** line that use less water and have a smaller carbon footprint by using the high performance environmentally friendly Greenblock® filtration media. The original **GreenMachine** 4-stage RO system reduces waste water by 50%. We added the 5-stage version with more Greenblock filtration media to be twice as green. And Now the **GreenMachine** Supreme models (both 4 and 5-stage) add an Energy-Recovery-Valve to reduce waste water up to 85%.

 **VERTEX**  
WATER PRODUCTS

# Green Machine Systems

## Standard Features

- Uses city water pressure to operate the RO membrane
- 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
- 1 year limited warranty

The **Vertex GreenMachines™** are 4 and 5-stage undersink Reverse Osmosis filter systems that use high-performance and environmentally friendly Greenblock® filtration media while reducing waste-water to the drain. The NSF and WQA certified Greenblock filters are made using eco-friendly coconut-shell greencarbon™ that is manufactured using a process which significantly reduces harmful green-house gas emissions. The RO membrane removes an average of 95% of the dissolved solids from the incoming water while sending up to 85% less wastewater to the drain.\* The Green Machine fits under most sinks and makes clean, great tasting water whenever you need it, eliminating the need for bottled water and the negative environmental impact associated with it.

## ORDERING

4 stage Supreme RO system with permeate pump	<b>PT-4GS</b>
4 stage RO system	<b>PT-4G</b>
5 stage Supreme RO system with permeate pump	<b>PT-5GS</b>
5 stage RO system	<b>PT-5G</b>
with Air Gap Faucet (meets many city's requirements)	add /AG
with 3/8-inch Tubing to Faucet	add /3/8
with Metal Tank	add /MT
<b>Protekk Water Tray and Leak Detector LDDT-1218</b>	
Use with any standard sump system	

\* Supreme models only

## 4 Stage Supreme



### PT-4GS Specifications:

**Stage 1 Sediment Filter** 5 micron Polyspun 2.5" dia. x 9.75" takes out suspended solids such as dirt, rust, sand, and pipe scale

**Stage 2 Greenblock® Activated Carbon Block Filter** 5 Micron, 2.5" dia. x 9.75": removes chlorine, bad tastes and odors..

**Stage 3 Reverse Osmosis Membrane** Filmtec 50 GPD TFC @ 65 PSI differential: removes dissolved solids to .0001 micron

**ERV Energy Recovery Valve**

**Stage 4 Carbon Post Filter** In-Line, Granular Activated Coconut Carbon, 2" dia. x 10": polishes water for best tast

**Tank** 4.0 Gallon Plastic Tank pre-pressurized with Butyl Bladder

**Weight:** 25 lb. **Dimension:** 14"L x 7"D 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; Temp, 40 to 100° F; pH Range, 3 to 10; Turbidity – less than 1.0 NTU; TDS, 1500 ppm max

## 5 Stage Supreme



### PT-5GS Specifications:

**Stage 1 Sediment Filter** 5 micron Polyspun 2.5" dia. x 9.75" takes out suspended solids such as dirt, rust, sand, and pipe scale.

**Stage 2 Greenblock® Activated Carbon Block Filter** 5 Micron, 2.5" dia. x 9.75": removes chlorine, bad tastes and odors.

**Stage 3 Greenblock® Activated Carbon Block Filter** 5 Micron, 2.5" dia. x 9.75": for increased chlorine, chloramine and VOC reduction

**Stage 4 Reverse Osmosis Membrane** Filmtec 50 GPD TFC @ 65 PSI differential: removes dissolved solids to .0001 micron

**ERV Energy Recovery Valve**

**Stage 5 Carbon Post Filter** In-Line, Granular Activated Coconut Carbon, 2" dia. x 10": polishes water for best taste

**Tank** 4.0 Gallon Plastic Tank pre-pressurized with Butyl Bladder

**Weight:** 25 lb. **Dimension:** 15.5"L x 7"D 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; Temp, 40 to 100° F; pH Range, 3 to 10; Turbidity – less than 1.0 NTU; TDS, 1500 ppm max

Authorized Dealer