

PureWaterMachine™

by VERTEX

NEW Improved



Green Machine™ Supreme w/ Revtex™ 1:1 Low Waste-Water Membrane

Water-Wise and Eco-Friendly

- Only 1 gal. of water wasted for each gal. of fresh water produced – 85% less water sent to drain
- Revtex 1:1 membrane specifically designed to fit standard membrane housings
- Tank fills 4 times faster
- No electricity needed
 - powered by brine water flow
- Eco-Friendly Greenblock® filtration media
- 4 and 5-stage versions available

The **Vertex GreenMachine™ Supreme** models are 4 and 5-stage undersink Reverse Osmosis filter systems that use the new **Revtex 1:1** high-efficiency 50 GPD RO membrane to send less water to the drain – only 1 gallon of water is wasted for each gallon of fresh-water produced. The improved membrane design and special material make this 50% recovery rate possible at typical municipal water pressure of 40-100 psi. And Now with the added Energy-Recovery-Valve the waste-water is reduced by up to 85%. The NSF and WQA certified Greenblock® Carbon block filters are manufactured using a process which significantly reduces harmful green-house gas emissions.



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 quick connect 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	PT-4GRS
5 stage Supreme RO system with permeate pump	PT-5GRS
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
Protekk Water Tray and Leak Detector	LDDT-1218
Replacement Filters Sediment	SF-4007
GreenBlock Carbon (2 per 5-stage)	CF-4100
GAC inline	IF-4103
Revtex 50 GPD membrane	MAD-4230

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 taste

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