

WaterStation

Advanced 7 Stage Water Filtration System



Improving water,
one family at a time.



Certified Performance and Reliability

The 7 stage water filtration system delivers high quality drinking water affordably.

Features

- ➔ Revolutionary 7 stage, pivot cartridge design fits easily into most under-sink cabinet areas
- ➔ Unique 7 stage filtration reduces many water contaminants including:
 - Total dissolved solids (TDS)
 - Taste and odour
 - Lead
- ➔ The system comes with
 - Designer air gap faucet
 - Quick connect fittings for easy, secure installation
 - 4.4 gallon water storage tank
 - High capacity 7 stage filters
- ➔ Components tested and verified for structural integrity
- ➔ Limited Lifetime Warranty – refer to owner's manual for more information.



Specifications

		Specification	Function
First Stage	Sediment Filter	5 Micron Sediment Filter, 10" Length	Removes suspended particles in water such as dirt or sediment. Reduces the particles 8 times smaller than what the naked eye can see.
Second Stage	Granular Activated Carbon Filter	10 Micron GAC Filter, 10" Length	Removes chlorine from the water to protect TFC membrane.
Third Stage	Carbon Block Filter	5 Micron Carbon Block Filter, 10" Length	Removes taste & odor from water.
Fourth Stage	TFC Membrane	100 TFC* GPD Membrane, 10" Length	Removes TDS from water.
Fifth Stage	Ceramic Filter	0.5 Micron Ceramic Filter, 10" Length	Removes fine dirt particles from the water. This provides an added particulate reduction to 0.5 micron.
Sixth Stage	pH Boost Filter	pH Boost Filter 10" Length	Increase pH of water†. Add minerals to improve the flavour of water so it is not "flat tasting."
Seventh Stage	Carbon Block Filter	5 Micron Carbon Block Filter, 10" Length	Removes taste & odor from water.
Storage Tank	Metal	4.4 Gallon / 14.4 L Storage Capacity	Storage for Product Water

Membrane Production Rate: 100 GPD**

TDS Rejection Rate: 99%***

* TFC refers to reverse osmosis membrane constructed from a THIN FILM COMPOSITE

** Nominal product water ratings are based on the following conditions: Supply TDS of 250 ppm conditioned tap water, 50 psi, 77° F, pH 8 and 15% recovery with outlet to atmosphere

*** Rejection percentages are dependant on the supply conditions and the substance being measured

† The processed water from TFC membrane has low pH and is aggressive and tends to dissolve substances with which it is in contact.

This system is not intended to be used for the treatment of water that is microbiologically unsafe or of unknown quality.

Disclaimer: The performance of a reverse osmosis membrane is highly dependant upon pressure, temperature and TDS.

The actual volume of product water and rejection percentage will vary with differences and the test conditions that membrane ratings are based upon.

Pressure Regulator is recommended for feed water pressures exceeding 100 psi.

Conditions For Use

Source Water Supply Profile		Chemical Parameters	Max mg/L
Community / Private	Chlorinated / Non-Chlorinated	Hardness (CaCO ₃)	< 350 (20 gpg)
PH Range	3.0 - 11.0	Iron (Fe)	< 0.1
Maximum TDS Level	< 2000 ppm	Manganese (Mn)	< 0.05
Turbidity	< 1.0 NTU	Hydrogen Sulfide (H ₂ S)	0.00
Maximum SDI	< 4.0	Residual Chlorine (Cl ₂)	< 2.0
Pressure	50 - 100 psi ††	NTU - Nephelometric Turbidity Unit SDI - Silt Density Index	
Temperature	4 - 38° C		

†† Booster Pump is required if the inlet pressure of the water is below 50 psi.



IAPMO R & T Certified against CSA B483.1 (Tested for structural integrity, material safety (including toxicological evaluation), life cycle of auto shut-off valve, check valve).