

# Tap Water Reverse Osmosis Systems

Residential

**PUREMATCH 100**  
**Series**

**Turn your tap water into a refreshing safe, and crystal  
clear water under-sink reverse osmosis system**



Reverse Osmosis is one of the most convenient and economical methods of reducing dissolved solids in potable drinking water. Reverse Osmosis is the process by which water molecules are forced, by water pressure, through a semipermeable membrane. Incorporating state-of-the-art and manufacturing techniques, the PureMatch 100-Series Reverse Osmosis Drinking Water System represent a new concept in compact under-the-sink drinking water technology. The system requires only simple inlet, product water and drain connections simplifying installation and reducing problems.

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#### STANDARD FEATURES

- + 25, 35, 50, 75 and 100 gallons per day output
- + 95% average salt rejection
- + 5 micron sediment pre filter
- + Pre and post carbon filter
- + Replaceable deluxe TFC spiral wound membrane
- + Easy installation and compact design
- + Attractive long reach faucet
- + 3.2 gallon metallic storage tank
- + Water saving auto shut off valve
- + FDA approved poly propylene made flat cap housing
- + Flow restrictor and steel check valve
- + Feed water connector
- + Drain saddle valve
- + 100% factory tested and sterilized ready for installation

#### AVAILABLE OPTIONS

- + RO unit with UV sterilizer (PM1-25/U, PM1-100/U)
- + RO unit with Booster Pump (PM1-25/P, PM1-100/P)
- + RO unit with UV and Booster Pump (PM1-25/P/U, PM1-100/P/U)



### Operating and Performance Specifications

Model		PM1-T25-3	PM1-T35-3	PM1-T50-3	PM1-T75-3	PM1-T100-3
System Rating	Production	25 ± 5 GPD	35 ± 5 GPD	50 ± 5 GPD	75 ± 5 GPD	100 ± 5 GPD
	TDS Reduction	95%	95%	95%	95%	95%
Water Pressure		40 - 125 psi	40 - 125 psi	40 - 125 psi	40 - 125 psi	40 - 125 psi
T.D.S (Maximum)		2,000 ppm	2,000 ppm	2,000 ppm	2,000 ppm	2,000 ppm
Temperature		41 - 104° F	41 - 104° F	41 - 104° F	41 - 104° F	41 - 104° F
pH		4 - 10	4 - 10	4 - 10	4 - 10	4 - 10
Hardness		< 10 GPG	< 10 GPG	< 10 GPG	< 10 GPG	< 10 GPG
Shipping Weight		37 Lbs	37 Lbs	37 Lbs	37 Lbs	37 Lbs

\* Specifications are subject to change without notice

Metric Units	Pressure (bar) = PSI / 14.5	Power (kW) = HP x 0.746	Weight (Kg) = lbs / 2.2	Dimensions (mm) = inch x 25.4
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#### System Performance:

Chlorine will damage a T.F.C. Membrane, the activated carbon prefilter will remove chlorine from the incoming water.

Change cartridge every 5 months, more often if the water contains more than 1 ppm chlorine.

Do not use this system where the feed water is micro biologically unsafe or with water of unknown quality without disinfection before or after the unit.



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Water and Wastewater Treatment Systems

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