

500 Reverse Osmosis System

Five Stage System with Single Cartridge Design

The ultra-compact **PuraFlow™ Drinking Water System** utilizes reverse osmosis technology and features a four stage prefilter, membrane, and postfilter design which is housed inside a single cartridge. A fifth stage post-polishing inline carbon filter is installed between the tank and faucet for even better tasting water.

The system includes a non-metallic faucet, a two gallon white storage tank, tubing, and quick connect fittings for a fast and easy installation.

- Stage 1** 20 Micron Sediment Prefilter
- Stage 2** GAC Prefilter
- Stage 3** 40 GPD (151.4 LPD) Thin Film Composite Reverse Osmosis Membrane
- Stage 4** Post Carbon Filter
- Stage 5** In-line GAC Postfilter



PF-02-1001

*Actual product may vary



5-stage **PuraFlow™ 500 Reverse Osmosis System**
Compared to a Typical 5-Stage Component System

More Water To The Tank, Less Water To The Drain

This single cartridge designed system takes advantage of cutting edge high flow membrane technology. In addition, a unique flow path gives the **PuraFlow™ Drinking Water System** a superior waste-to-product ratio. The combination of the two means more water to the tank and less water to the drain. The high flow membrane also ensures faster tank refilling.

Compact and Lightweight

The **PuraFlow™ Drinking Water System** has been designed to take up less space under the sink. The complete system including the tank is approximately the same height and width of a standard system's tank. The entire system is less than 14 inches in depth and can be lifted easily with one hand. The small footprint of this system makes it easier to install in cramped kitchen or bathroom cabinets.

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Feed Water Requirements

Pressure	40-80 psi (275 kPa – 552 kPa)
Temp	40°F – 100°F (4°C – 38°C)
TDS	<2000 mg/L
Turbidity	<1 NTU
SDI	<5
pH	4 – 8
Chlorine	<1.0 mg/L

Feed water must be potable, municipal water. Must be free of potential membrane foulants such as Iron, Hydrogen Sulfide and Manganese.

Performance Specifications

Part # PF-02-1001	Membrane
Production	40 GPD (151 LPD)
TDS Rejection	95%
Waste to Product	2.5:1

Tested at 60 psig (4 bar), 500ppm TDS municipal water, 77°F (25°C).

Dimensions and Shipping Weight

Width	Height	Diameter	Weight
9.72" W (24.7 cm)	15.38" H (39.1 cm)	13.75" D (34.9 cm)	11 lbs. (5 kg.)

Saves Time and Money

With only one main cartridge and one inline carbon filter, the PuraFlow™ Drinking Water System saves time when servicing and money on service calls and replacement cartridges.



Exploded View
PF-02-1001

Pre-Plumbed

No preliminary tank or unit assembly is required. The tank, faucet, feed and drain lines are pre-plumbed in the unit and tested at the factory. Final onsite installation is faster and simpler.

Fast Flow

The PuraFlow™ Drinking Water System incorporates 3/8" (9.5mm) tubing for faucet and tank connections. This larger diameter tubing ensures a fast flow from the faucet.