

The OptiPure W-Series is a compact, wall-mounted, Advanced Membrane Separation System. This system utilizes a selective rejection membrane that reduces the Total Dissolved Solids in the water 85-90% with virtually all of the hardness minerals rejected. The OptiPure W-Series System includes prefiltration, storage tank and postfilter in an easy-to-install package.

The system also removes foul tastes, odors, scale-causing minerals, chlorine, chlorides, sulfates and many other contaminants, yet leaves a trace of minerals to prevent the problems associated with very pure water with little or no total dissolved solids. (e.g. RO, distilled or deionized water.)

Compact, Wall-Mount design with remote tank provides flexibility and requires very little floorspace. Optional tank capacities include 5, 10, 25 and 50 gallons of optimized water storage.

Pump driven for reliable performance under any conditions. The OptiPure W-Series utilizes a pump to feed the selective rejection membranes to provide consistent production of up to 200 gallons of optimized purity water/day. The small, efficient diaphragm pump boosts the line pressure to 80 psi allowing a tank full shut-off of 60 psi. The wall-mount system includes the prefilters, pump, membrane and post-filter allowing in an easy to install package that maximizes installation flexibility. Tanks are sealed to the atmosphere and are equipped with a pressurized bladder that can provide a consistent outlet water pressure between 40 and 60 psi.

The OptiPure W-Series is manufactured by:
The FilterXpress div. of Procam Controls, Inc.
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OptiPure[®]
Foodservice Filtration Systems

***The ideal solution for
Espresso Machines or Flash Steamers
where high TDS is an issue.***



OptiPure W-Series

**Optimum Purity Water
for low volume
applications.**

OptiPure W-Series Specifications

Model	Dimensions	Tank
OPW100/05	15" wide x 10" deep x 15" high	5 gal. 13" dia. x 18" high
OPW100/10	15" wide x 10" deep x 15" high	10 gal. 15" dia. x 32" high
OPW100/25	15" wide x 10" deep x 15" high	25 gal. 22" dia. x 36" high
OPW100/50	15" wide x 10" deep x 15" high	50 gal. 26" dia. x 46" high
OPW200/10	15" wide x 10" deep x 25" high	10 gal. 15" dia. x 32" high
OPW200/25	15" wide x 10" deep x 25" high	25 gal. 22" dia. x 36" high
OPW200/50	15" wide x 10" deep x 25" high	50 gal. 26" dia. x 46" high

Operating Parameters:

Production: OPM100	100 gpd*, 4.16 gph (378 lpd, 15.8 lph)
OPM200	200 gpd*, 8.33 gph (756 lpd, 31.5 lph)
Typical TDS Rejection:	85-90% (e.g. 350 ppm before, 53 ppm after)**
Feed Temperature:	40-100°F (4-38°C)
Feed Pressure:	0-75 psi at 0.5 gpm

*Production measured at 77°F.

**Higher (98%+) Rejection RO membranes available for very high TDS
Rejection of scale forming minerals is typically >95% on standard SRM

Electrical: 115 VAC, 60 hz, 2A

Feedwater Inlet: 3/8" OD Polyethylene Tubing. (10' of tubing included)
User provides a 1/2" FPT connection of water supply with full-flow ball valve. A 1/2" MPT x 3/8" Speedfit tubing adapter is included in installation package.

Drain Line: 1/4" OD Polyethylene tubing (10' of tubing included)

Product Output: 3/8" OD Polyethylene tubing (10' of tubing included)

Pretreatment: OPW100 - 2 @ 252-20110 Carbon Prefilters
OPW200 - 2 @ 252-20120 Carbon Prefilters

Post-Treatment: 1 @ 252-20110 Carbon Filter for Taste & Odor Removal.

Tank Construction:

NSF Listed for RO Water Storage. Steel Tank with polyethylene liner, designed for storage of pure water. Butyl diaphragm design provides minimal rubber/water contact and allows for long life with complete water discharge. Steel tank has appliance-like finish.

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OptiPure Features & Benefits

❖ **Compact, Wall-Mount Design with Remote Tank.** Minimal space is required. Remote tank allows for maximum flexibility and avoids heavy water tanks on wall.

❖ **Selective Rejection Membranes.** Isolates and removes the specific contaminants that are detrimental to the equipment without removing all of the conductivity needed for level probes and ingredient water.

❖ **High Efficiency, High Flow Booster Pump.** Ensures maximum production independent of feed water pressure. Low energy consumption and run-dry capability provides a reliable, cost-efficient pump with the ability to take abuse.

❖ **Simple Installation.** All of the components are included and connections are clearly marked. Literally takes less than a couple of hours to install. Reduces installation costs, minimizing initial investment.

❖ **Low-Voltage Operation.** Everything after the power supply is 24VAC for lower operating and service costs plus increased safety.

❖ **Provides Water with Near Zero Hardness.** Eliminates the scaling potential of water while leaving trace minerals for optimal ingredient water. Conductivity level probes will still function due to remaining TDS. **Equipment life is greatly extended and service costs related to descaling are eliminated.**

❖ **High Capacity Prefiltration and Conservative Membrane Flux.** More than double the prefiltration and membrane surface area of competitors small RO systems. This greatly extends membrane life and reduces maintenance, down-time and costly service calls.