

PS-850X Commercial Reverse Osmosis System

The Premiere PS-850X four stage commercial reverse osmosis system is designed to treat 850 – 1,000 gallons of water per day for a variety of applications. It is highly productive with a 50% standard recovery rate which means significantly less water is wasted compared to other RO systems. It's recirculation valve also saves water by recycling the waste water back through the system to purify as much water as possible. The PS-850X commercial RO system is low maintenance and fully automatic for optimum performance. It also features innovative technology which lets you easily flush (clean) the membrane whenever it gets full of contaminants.

Features

Low waste water

- ✓ 50% standard recovery rate; even greater recovery rate when the recycle feature is used
- ✓ Recirculation valve recycles waste water back through the system to cut down on water waste
- ✓ 1:1 production ratio - For each gallon of RO water produced, only one gallon of water will go to drain making it a highly efficient reverse osmosis system

Fully Automatic

- ✓ Integrated, digital Aquatrol EC-100 controller
- ✓ Low pressure switch, contactor, level switch, manual-automatic selector switch, and TDS sensor to monitor water quality product
- ✓ Start timer delay - a 10 second delay helps detect problems with valve or voltage spikes to protect your system

Added Benefits

- ✓ Compact, lightweight design
- ✓ Easy installation - pre-plumbed, wired and assembled on electrostatic powder coated frame
- ✓ Booster pump for continuous operation regardless the incoming water pressure



Specifications

Operating capacity	850 – 1,000 gallons per day
Size	26" x 23" x 20"
Electrical supply	120 V
Min feed pressure	30 PSI
Inlet - outlet port	1/2" inlet, 1/2" outlet

Substance Reduction

Aluminum • Arsenic • Barium • Bicarbonate
Borate • Bromide • Cadmium • Calcium
Chloride • Chromate • Chromium • Copper
Cyanide • Detergent • Ferrocyanide
Flouride • Herbicides • Insecticides • Lead
Magnesium • Manganese • Mercury • Nickel
Nitrate • PCBs • Perchlorate • Phosphate
Potassium • Radium • Selenium • Silicate
Silver • Sodium • Spores • Strontium
Sulfate • Thiosulfate • Zinc



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