

H-SERIES



Light Commercial Reverse Osmosis Systems



H-1500-GBD



H-700-GBD

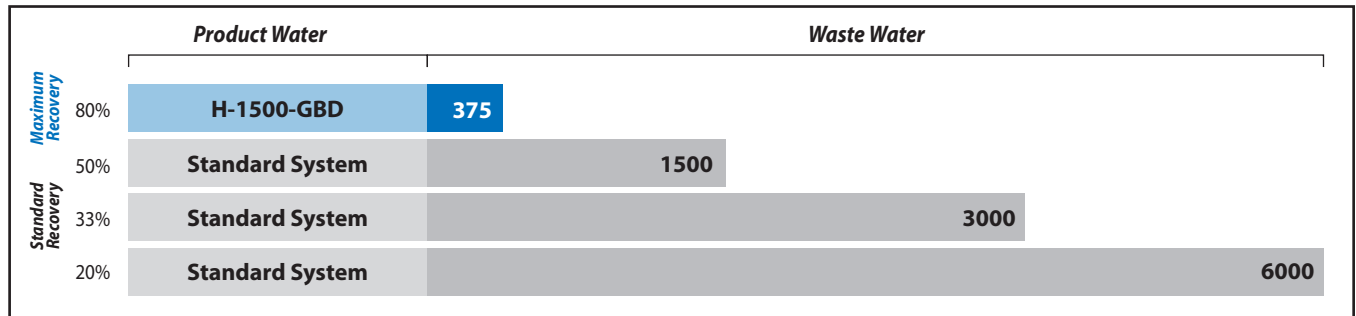
Applications

- ▶ Water vending
- ▶ Whole house
- ▶ Beverage kiosk
- ▶ Hydroponics
- ▶ Lab process
- ▶ Commercial food preparation
- ▶ Ice machine
- ▶ Car wash
- ▶ Bakery process
- ▶ Greenhouse
- ▶ Misting system

- ▶ High recovery, low waste water system design available in 700 gpd and 1,500 gpd configurations.
- ▶ Compact, horizontal profile ideal for tight spaces and under-counter installation.
- ▶ Corrosion resistant stainless steel frame and vessels.
- ▶ Integrated TDS monitor measures product water quality.
- ▶ Blending valve for customized product water TDS levels.
- ▶ Stainless steel recirculation valve for accurate recovery adjustment.
- ▶ Factory-set brine flow.
- ▶ System and tank pressure gauges.
- ▶ Low pressure switch for pump protection when feed pressure is insufficient.
- ▶ Quality checked and wet tested before shipment.
- ▶ Manufactured in the USA.

Standard H-Series system configuration available in 700 gpd, 1000 gpd and 1800 gpd.

H-SERIES-GBD SYSTEMS REDUCE OVERALL WATER USAGE



- ▶ The H-1500-GBD reduces waste water to 375 gallons for every 1500 gallons of product water.
- ▶ The H-700-GBD reduces waste water to 175 gallons for every 700 gallons of product water.

SYSTEM SPECIFICATIONS

Model Number	H-700-GBD	H-1500-GBD
Production Rate (gpd)	700	1500
Number of Membranes	2	1
Product-to-Waste Ratio	4:1	
Electrical Supply	110/220v, 50-60 Hz	
Motor Rating	3/4 HP	
Pump	165 gph	325 gph
Dimensions	19" H x 29" W x 11" D	19" H x 28" W x 11" D
Weight (lbs)	52	54

Based on membrane performance with softened water at 77°F, 500ppm TDS, 120 psig, <3 grains hardness and 80% recovery. Membrane performance may vary ±15%.



OPERATING SPECIFICATIONS

Feed Pressure	15-100 psi
Feed Water	Softened municipal
Max Operating Pressure	150 psi
Max Hardness	<3 grains
Max Chlorine (continuous)	<0.1 ppm
Max Temperature	100°F
Max Total Dissolved Solids	1,000 ppm
pH Range	3-10
pH Range (optimum)	5-8
Turbidity	<1.0 NTU
Silt Density Index	<5.0
Iron, Manganese, Hydrogen Sulfide	0 ppm

System Upgrades

- ▶ TDS monitor
- ▶ Chlorine removal
- ▶ GAC postfiltration
- ▶ Chemical injection
- ▶ UV treatment
- ▶ Remote bypass box
- ▶ Tank float switch
- ▶ Repressurization
- ▶ Softener
- ▶ Sediment filtration
- ▶ Remineralization
- ▶ Deionization
- ▶ Ozonation
- ▶ Product storage tank
- ▶ Tank pressure switch