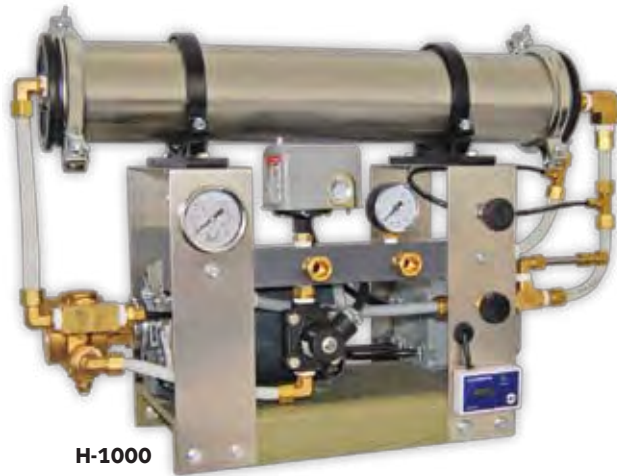


H-SERIES

Light Commercial Reverse Osmosis Systems



- ▶ Available in 700 gpd, 1000 gpd and 1800 gpd configurations.
- ▶ Compact, horizontal profile ideal for tight spaces and under-counter installation.
- ▶ Corrosion resistant stainless steel frame and vessels.
- ▶ 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.

For high recovery, low wastewater systems, see the Green by Design® H-Series specifications. Available in 700 gpd and 1,500 gpd.

SYSTEM SPECIFICATIONS

Model Number	H-700	H-1000	H-1800
Production Rate (gpd)	700	1000	1800
Number of Membranes	1	1	1
Electrical Supply	110/220v, 50-60 Hz		
Motor Rating	3/4 HP		
Pump	100 gph	325 gph	325 gph
Dimensions	13"H x 40"W x 11"D	19"H x 28"W x 11"D	19"H x 50"W x 11"D
Weight (lbs)	52	54	61

Based on membrane performance at 77°F, 500ppm TDS, 120 psig and 33% recovery. Membrane performance may vary ±15%.

OPERATING SPECIFICATIONS

Feed Pressure	15-100 psi
Max Operating Pressure	200 psi
Max Chlorine (continuous)	<0.1 ppm
Max Temperature	100°F
Max Total Dissolved Solids	5,000 ppm
pH Range	3-10
pH Range (optimum)	5-8
Turbidity	<1.0 NTU
Silt Density Index	<5.0
Iron	0 ppm
Hydrogen Sulfide	0 ppm
Manganese	0 ppm

Applications

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

System Upgrades

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



Remote bypass box option



Filtration array option