

R-1500



Light Commercial Reverse Osmosis System

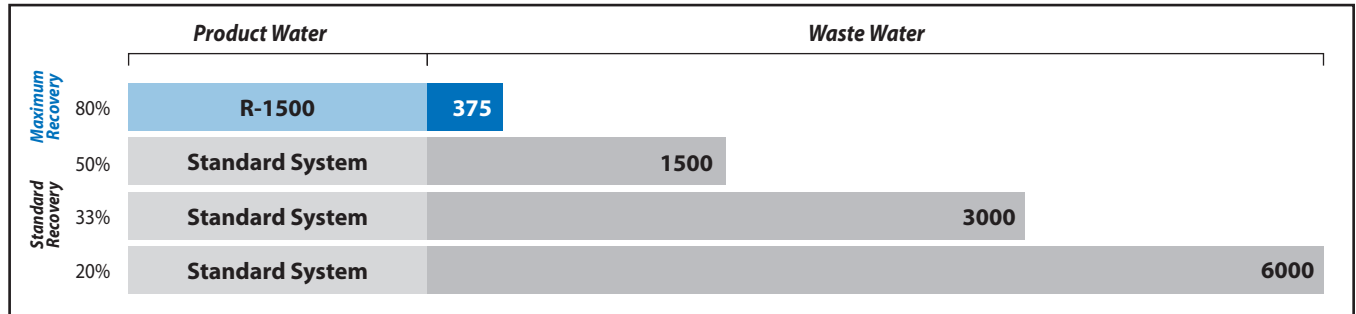


- ▶ High efficiency 1500 gpd system maximizes RO production and reduces waste water.
- ▶ Compact, vertical design mounts securely to tank.
- ▶ Easy to service filter configuration.
- ▶ Efficient operation extends life of pump, motor and low pressure switch and reduces service calls.
- ▶ Corrosion resistant stainless steel vessel and powder coated frame.
- ▶ 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.
- ▶ Flush valve for easy, no-mess startup or post-filter flush and depressurization.
- ▶ Quiet operation.
- ▶ Quality checked and wet tested before shipment.
- ▶ Manufactured in the USA.

Applications

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

R-1500 SYSTEM REDUCES OVERALL WATER USAGE



- ▶ The R-1500 reduces waste water to 375 gallons for every 1500 gallons of product water.

SYSTEM SPECIFICATIONS

Model Number	R-1500
Production Rate (gpd)	1500
Number of Membranes	1
Product-to-Waste Ratio	4 : 1
Electrical Supply	110/220V, 50-60Hz
Motor Rating	3/4 HP
Pump	325 gph, brass
Prefilter, Postfilter	20" carbon block
Mineralizing Filter	100% calcite
Dimensions	16"W x 16"D x 30"H
Weight (lbs)	95

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%.



Remote bypass box option

OPERATING SPECIFICATIONS

Feed Pressure	25-100 psi
Feed Water	Softened municipal
Max Operating Pressure	150 psi
Max Hardness	<3 grains
Max Chlorine (continuous)	0.8 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

- ▶ Softener
- ▶ Chemical injection
- ▶ Remote bypass box
- ▶ Product storage tank
- ▶ Deionization
- ▶ Ozonation
- ▶ UV treatment