ROS SERIES

Commercial Reverse Osmosis System

Reliable, Scalable RO Systems for Commercial & Industrial Demands

- **World Class Manufacturing Facility**
- **Advanced Membrane Technology**
- **Precision Manufacturing Tolerances**
- **Made in the USA**



FEATURES:

- Dual TDS Meter
- 0-300psi Pump Pressure Gauge
- Powder Coated Aluminum Frame
- Stainless Steel Permeate Flow Meter
- Dual 0-100psi Pre-Filter Pressure Gauges
- 304 Stainless Steel Membrane Housings
- 100-Series Reverse Osmosis Membranes
- 304 Stainless Steel, IP65 Rated Solenoid Valve
- Computer Controller with Low Pressure Alarm
- 15psi / 30psi Low Pressure Switch, 40/60psi Tank Pressure Switch
- Stainless Steel Concentrate Flow Meter with Integrated Needle Valve
- Stainless Steel Concentrate Recirculate Flow Meter with Integrated Needle Valve
- 4.5” X 10” (250, 500) / 4.5” X 20” (1000, 2000) White Filter Housings (Made in the USA)

Quality Water Treatment Products — Yesterday. Today. And Tomorrow.

NorthBay EQUIPMENT SERVICE & SALES

ROS SERIES

MODEL	ROS-250	ROS-500	ROS-1000	ROS-2000
110V 60Hz	ROS25010	ROS50010	ROS100010	ROS200010
220V 60Hz	ROS25011	ROS50011	ROS100011	ROS200011
FLOW SPECIFICATIONS				
Production Capacity gpm/lpm	.17 gpm .64 lpm	.34 gpm 1.28 lpm	.69 gpm 2.61 lpm	1.38 gpm 5.22 lpm
Recovery Range	35%	50%	35%	50%
Max Feed T.D.S.	2000	2000	2000	2000
MEMBRANES & VESSELS				
Membrane	100-2521	100-2521	100-4021	100-4021
Membrane Qty.	1	2	1	2
Membrane Size	2521	2521	4021	4021
Nominal Rejection	98.5%	98.5%	98.5%	98.5%
Vessel Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Vessels	1	2	1	2
Array	1	1:1	1	1:1
PRE-FILTERS				
Size	4.5" X 10"	4.5" X 10"	4.5" X 20"	4.5" X 20"
Type	Sediment	Sediment	Sediment	Sediment
Micron	5	5	5	5
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Type	Block	Block	Block	Block
Micron	10	10	10	10
Material	Coconut Carbon	Coconut Carbon	Coconut Carbon	Coconut Carbon
PUMP & MOTOR				
Pump Type	Vane	Vane	Vane	Vane
Pump Material	Low Lead Brass	Low Lead Brass	Low Lead Brass	Low Lead Brass
Motor HP (60Hz)	1/3	1/3	3/4	3/4
Motor Type	Carbonator	Carbonator	Carbonator	Carbonator
ELECTRICAL				
Phase	1	1	1	1
Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Amp Draw 110V	7	7	11	11
Amp Draw 220V	4	4	7	7
CONNECTIONS				
Feed	3/4" FNPT	3/4" FNPT	3/4" FNPT	3/4" FNPT
Permeate	3/8" QC	3/8" QC	1/2" QC	1/2" QC
Concentrate	3/8" QC	3/8" QC	1/2" QC	1/2" QC
WEIGHT & DIMENSIONS				
L" X W" X H"	15 3/4" X 25" X 31"	15 3/4" X 25" X 31"	21 3/4" X 25" X 31"	21 3/4" X 25" X 31"
Weights (lbs.)	80	90	110	120

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