ROC SERIES

High-Capacity Reverse Osmosis

Engineered for Demanding Commercial & Industrial Applications



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

FEATURES:

- Goulds Stainless Steel Pump & TEFC Motor
- Dual TDS Meter
- Chemical Injection port & Electrical Outlet
- Computer Controller with Low Pressure Alarm
- 3/4” 4.5” X 20” White Filter Housing (Made in the USA)
- 100% Wet Tested and Preserved
- Compact Powder Coated Aluminum Frame
- Dual 0-100psi Pre-Filter Pressure Gauges
- Dual 0-300psi Pump & Concentrate Pressure Gauges
- Stainless Steel Permeate Flow Meter
- 100-Series Reverse Osmosis Membranes
- 304 Stainless Steel Membrane Housings
- 3/4” 304 Stainless Steel, IP65 Rated Inlet Solenoid Valve
- Stainless Steel Concentrate & Recirculate Flow Meters with Integrated Needle Valves
- 15/30psi Low Pressure Switch, 40/60psi Tank Pressure Switch

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

NorthBay EQUIPMENT SERVICE & SALES

ROC SERIES

MODEL	ROC-2000	ROC-4000	ROC-6000	ROC-8000
110V 60Hz 1Ph	ROC200010	ROC400010	N/A	N/A
220V 60Hz 1Ph	ROC200011	ROC400011	ROC600011	ROC800011
FLOW SPECIFICATIONS				
Production Capacity gpm/lpm	1.39 gpm 5.26 lpm	2.78 gpm 10.52 lpm	4.17 gpm 15.78 lpm	5.55 gpm 21.04 lpm
Recovery Range	35%-45%	50%	60%	50%-75%
Max Feed T.D.S.	2000	2000	2000	2000
MEMBRANES & VESSELS				
Membrane	100-4040	100-4040	100-4040	100-4040
Membrane Qty.	1	2	3	4
Membrane Size	4040	4040	4040	4040
Nominal Rejection	98.5%	98.5%	98.5%	98.5%
Vessel Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Vessels	1	2	3	4
Array	1	1:1	1:1:1	2:1:1
PRE-FILTERS				
Size	4.5" X 20"	4.5" X 20"	4.5" X 20"	4.5" X 20"
Type	Sediment	Sediment	Sediment	Sediment
Micron	5	5	5	5
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
PUMP & MOTOR				
Pump Type	7 Stage	7 Stage	10 Stage	10 Stage
Pump Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Motor HP (60Hz)	1	1	1 1/2	1 1/2
Motor Type	TEFC	TEFC	TEFC	TEFC
ELECTRICAL				
Phase	1	1	1	1
Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Amp Draw 110V	14	14	N/A	N/A
Amp Draw 220v	7	7	9	9
CONNECTIONS				
Feed	3/4" FNPT	3/4" FNPT	3/4" FNPT	3/4" FNPT
Permeate	1/2" QC	1/2" QC	1/2" QC	1/2" QC
Concentrate	1/2" QC	1/2" QC	1/2" QC	1/2" QC
WEIGHT & DIMENSIONS				
L" X W" X H"	22" X 26" X 53"	22" X 26" X 53"	22" X 26" X 53"	22" X 26" X 53"
Weights (lbs.)	110	120	140	160

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