



IXC SERIES

Commercial RO Systems



OUR REVERSE OSMOSIS SYSTEMS are designed to operate with high productivity, automatic operation and low maintenance.

Built in a vertical module using cutting-edge technology materials and accessories at a lower investment cost that will give a greater competitive advantage.

Multiple membrane options, make it a versatile system in the range of flow from 2,100 to 9,600 GPD and with 99% rejection of minerals.

ROA-IXC-2SS-B



ROA-IXC-4SS-B



STANDARD FEATURES

- Electrical Power Supply:** 120V & 220V
- Membrane Housing:** Stainless Steel 304 or FRP (optional)
- Pump:** Multistage Goulds
- Solenoid valve:** NC, 120V brass (BSV-34110V & BSV-10110V)
- Connectors:** High Pressure Quick Connectors
- Flow Meters:** Panel Mount 5 GPM/10 GPM
- Pressure Gauges:** 0-100 PSI and 0-300 PSI glycerine filled
- Waste Valve & Recirculation:** Stainless Steel 316, Needle Valve (NV-12SS316)
- Filter Housings:** HF5-20BLBK34PR or HF45-20BLBK10PR
- Cartridge:** 5 Micron Polyspun Sediment
- Safety Device:**
 - Selector Switch 2 positions (OFF/AUTO)
 - Electrical Contactor: 24 Amps
 - Thermal Relay: 24 Amps
 - Low Pressure Switch: Yellow LED type (Range: 4-12Psi)
 - Power indicator light: Green LED type
- Frame:** Standard Steel with powder coated finish
- RO Membranes:** Hydron: High Rejection Membrane
- Controller:** Aquatrol Controller (EC-100):
 - Time Delay
 - Level Switch
 - On/Off
 - Fast Flush (optional)
 - Water Quality (TDS Meter in ppm)



SPECIFICATION

MODEL:	ROA-IXC-1SS-B	ROA-IXC-2SS-B	ROA-IXC-3SS-B	ROA-IXC-4SS-B
PRODUCTION (GPD)	2,100-2,400*	4,200- 4,800*	6,300-7,200*	8,400-9,600*
MEMBRANE	4" x 40" (1)	4" x 40" (2)	4" x 40" (3)	4" x 40" (4)
PRODUCT (GPM)	1.45 - 1.6	2.9 - 3.2	4.3 - 4.8	5.8 - 6.4
FEED FLOW	5 GPM	8 GPM	10 GPM	20 GPM
% RECOVERY	50-60 %	50-60%	50-60 %	50-60 %
HIGH PRESSURE PUMP	1.5 HP	1.5 HP	1.5 HP	3.0 HP
INLET PORT	3/4"	3/4"	1"	1"
PRODUCT OUTLET PORT	1/2"	1/2"	3/4"	3/4"
WASTE OUTLET PORT	1/2"	1/2"	3/4"	3/4"
SYSTEM DIMENSIONS	20" x 20" x 47"	20" x 20" x 47"	25" x 20" x 47"	25" x 20" x 47"
WEIGHT	176 lbs	187 lbs	218 lbs	242 lbs
ELECTRICAL POWER SUPPLY	120 o 220 V	120 o 220 V	120 o 220 V	220

* The system production rate is based on minimum feed water quality below 1,000 PPM, feed water temp 77 °F, and SDI < 5. Use a suitable pretreatment capable of removing all membrane damaging substances.