



## HIXC 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-HIXC-255-8



ROA-HIXC-455-8



### STANDARD FEATURES

- Electrical Power Supply:** 120V&220V
- Membrane Housing:** Stainless Steel 304 or FRP *(optional)*
- Pump:** Multi-stage 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-1255316)
- Filter Housings:** HFH25-20BLBK34PR or HFH45-20BLBK10PR
- 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-700):
  - Time Delay
  - Level Switch
  - On/Off
  - Fast Flush *(optional)*
  - Water Quality (TDS Meter in ppm)



### SPECIFICATIONS

MODEL:	ROA-HIXC-1SS-B	ROA-HIXC-2SS-B	ROA-HIXC-3SS-B	ROA-HIXC-4SS-B
PRODUCTION (GPD)	2,100-2,400*	4,200- 4,800*	6,300-7,200*	8,400-9,600*
MEMBRANE	4"x40"(1)	4"x40"(2)	4"x40"(3)	4"x40"(4)
PRODUCT (GPM)	1.45-1.6	2.9-3.2	4.3-4.8	5.8-6.4
FEED FLOW	5GPM	8GPM	10GPM	20GPM
%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"x20"x47"	25"x 20"x 47"
WEIGHT	176 lbs	187 lbs	218 lbs	242 lbs
ELECTRICAL POWER SUPPLY	120 or 220V	120 or 220V	120 or 220V	220V

\*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.