



# ROS-IXC SERIES

## Commercial RO Systems



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

Built in a vertical design configuration using cutting edge technology, high grade materials and durable accessories, Tritton IXC systems combine performance and quality while keeping you competitive in the marketplace.

With its multiple membrane options, Tritton IXC systems give you a product range of 2,100 to 15,600 gpd with a 99% rejection rate.

ROS-IXC-2SS-T



ROS-IXC-4SS-T



### STANDARD FEATURES

- Electrical Power Supply:** 220 V - 1 PH
- Membrane Housing:** Stainless Steel 304 or FRP (optional)
- Pump:** Multistage Pump
- Solenoid valve:** NC, 120V brass (BSV-34110V or BSV-10110V)
- Connectors:** High Pressure Quick Connectors
- Flow Meters:** Panel Mount 5 GPM/10 GPM /16GPM (According to model)
- Pressure Gauges:** 0-100 PSI and 0-300 PSI glycerine filled
- Waste & Recirculation Valve:** Stainless Steel 316, Needle Valve (NV-12SS316)
- Filter Housings:** HF5-20BLBK34PR, HF45-10BLBK10PR & HF45-20BLBK10PR (According to model)
- Cartridge:** 20", 5 Micron Polyspun Sediment
- Safety Device:**
  - Selector Switch 2 positions (OFF/AUTO)
  - Electrical Contactor: 24 Amps
  - Thermal Relay: 24 Amps
  - Low Pressure Switch
  - Power indicator light: Green LED type
- Frame:** Standard Steel with powder coated finish
- RO Membranes:** Hydron: High Rejection Membrane (BW-4040)
- Controller:** Aquatrol Controller (EC-100):
  - Time Delay
  - Level Switch
  - Off/Auto
  - Fast Flush (optional)
  - TDS Sensor (read in ppm) to monitor product water quality



### SPECIFICATIONS

MODEL:	ROS-IXC-1SS-T	ROS-IXC-2SS-T	ROS-IXC-3SS-T	ROS-IXC-4SS-T	ROS-IXC-6SS-T
PRODUCTION (gpd)	2,100-2,400*	4,200- 4,800*	6,300-7,200*	8,400-9,600*	14,400-15,600*
MEMBRANE (qty)	4" x 40" (1)	4" x 40" (2)	4" x 40" (3)	4" x 40" (4)	4" x 40" (6)
PRODUCT (gpm)	1.45 - 1.6	2.9 - 3.2	4.3 - 4.8	5.8 - 6.4	10 - 10.8
FEED FLOW (gpm)	5	8	10	20	25
% RECOVERY RANGE	50-60 %	50-60%	50-60 %	50-60 %	50-60 %
HIGH PRESSURE PUMP CAPACITY	MAX 15 gpm	MAX 15 gpm	MAX 15 gpm	MAX 25 gpm	MAX 25 gpm
INLET PORT	3/4"	3/4"	1"	1"	1"
PRODUCT OUTLET PORT	1/2"	1/2"	3/4"	3/4"	1"
WASTE OUTLET PORT	1/2"	1/2"	3/4"	3/4"	1"
SYSTEM DIMENSIONS	20" x 28" x 60"	20" x 28" x 60"	25" x 28" x 60"	25" x 28" x 60"	25" x 50" x 47"
ELECTRICAL POWER SUPPLY	220V	220V	220V	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.