

10 to 16 Membrane Reverse Osmosis Systems



System shown with options

Standard Features Include:

- Electronic Control box**
- Digital TDS Monitor (Permeate)
- Concentrate Recycle Valve
- Flowmeters (3)
- Powdercoated carbon steel frame
- Stainless Steel Centrifugal Pump
- 5 Micron Prefilter
- Throttle Valve
- Concentrate Pressure Gauge
- Low Pressure Protection
- Inlet Solenoid Valve
- High Rejection TFC Membrane
- SS Pressure Vessel
- SS Concentrate Control Valve
- Fiberglass Pressure Vessel
- Auto Flush
- First Array Pressure Gauge
- Prefilter Out Pressure Gauge

System Designed Based on max TDS1000 PPM and Water Temperature of 77F/25C

Con-Serv Manufacturing custom designs systems depending on the flow Requirements, Footprint, and options requested

Model CSRO	10x440	12x440	14x440	16x440
Production (GPM)	12.5	15	17.5	20
# of Membranes (4" x 40")	10	12	14	16
Recovery/ (without Recycle)	55%	55%	55%	55%
Motor (HP) 220V/460V 60HZ	5	5	7.5	7.5
Amps (Full Load) (460V) 3PH	11	11	14	14
Inlet	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Permeate Outlet	1"	1"	1"	1"
Concentrate Outlet	1"	1"	1"	1"
	Length	Width	Height	Weight
	(in)	(in)	(in)	(lb)
Unit Dimensions				
CSRO 10x440	73	48	58	758
CSRO 12x440	73	48	58	808
CSRO 14x440	73	58	58	858
CSRO 16x440	73	58	58	930

**50HZ available