

1 to 4 Membrane Reverse Osmosis Systems

Standard Features Include:

Control Box (includes, Dry Contacts, on/off switch
Pretreatment Lockout, Tank Level Shut Off, Auto –
Restart, Function Lights, Low Pressure Protection)

**The most flexible and reliable
controls in the market**

Slimline Aluminum Frame

5 Micron Prefilter

SS Inlet Solenoid Valve

SS or FRP Pressure Vessel

SS Concentrate Control Valve

SS Braided High Pressure Hoses

SS Multi-Stage Centrifugal Pump

High Rejection TFC Membrane

Throttle Valve

Concentrate Pressure Gauge

Flowmeters (Permeate, Concentrate)



Optional Features

Digital TDS Monitor (on Permeate)
Concentrate Recycle Package w/flow meter
First Array Pressure Gauge
Prefilter In/Out Pressure Gauges
Auto Flush w/Stainless Steel Solenoid Valve
Physical Water Conditioner
pH meter on permeate
ORP Meter on feed

**Packed with Features
for optimum control
and performance**

****3-Phase & 50HZ available**

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

Model CSRO	1X440	2X440	3X440	4X440
Production (GPM / m3/hr)	1.25/.28	2.5/.57	3.75/.85	5/1.14
# of Membranes (4" x 40")	1	2	3	4
Recovery/ (without Recycle)	22%	35%	45%	55%
Motor (HP)	1	1	1.5	1.5
Amps (Full Load) 115VAC 1P	(16)	(16)	(20)	20
Amps (Full Load) 230VAC 1P	(8)	(8)	(10)	(10)
Inlet	3/4"	3/4"	3/4"	3/4"
Permeate Outlet	1/2"	1/2"	1/2"	3/4"
Concentrate Outlet	3/4"	3/4"	3/4"	3/4"
	Length	Width	Height	Weight
	(in/cm)	(in/cm)	(in/cm)	(lb/kg)
Unit Dimensions				
CSRO 1X440	32/81.3	21/53.4	54/137.2	142/64.5
CSRO 2X440	32/81.3	21/53.4	54/137.2	174/79.1
CSRO 3X440	32/81.3	21/53.4	54/137.2	206/93.6
CSRO 4X440	32/81.3	21/53.4	54/137.2	238/108.2