

MANUFACTURING

Self Contained Reverse Osmosis With Atmospheric storage and Dispensing pump



Shown with options

Standard Features Include:

- Inlet Solenoid Valve
- Reverse Action Low Pressure Switch (auto restart)
- High Rejection TFC Membranes (standard or cold water)
- Powder Coated Aluminum Frame
- Stainless Steel Braided Hoses
- S/S or FRP Pressure Vessels
- Sediment Pre-filter
- Rotary Vane High Pressure Pump
- Stainless Steel Concentrate Control Valve
- 110 or 220 VAC Single Phase 60 Hz
- Concentrate Pressure Gauge
- Installed on a 65 Gallon Atmospheric Tank
- Tank Level Controller
- Dispensing Pump: 1/20 hp Self-priming Pump (3.4 gpm @ 30 psi)
- Flow Meters (permeate/concentrate)

Options Available:

- Digital TDS Meter
- Extra Pressure Gauges
- Stainless Steel Pump
- Dispensing Pump Upgrade (11 gpm @ 30 psi)

The CSARO System was designed to meet low flow applications in a minimal space. Permeate water is dispensed from a hose bib on the front panel via a Self priming pump. The Ro system replenishes the 65 Gallon storage tank automatically. On/Off operation is controlled by level controls in the tank.

Model CSARO	1AX221	1AX240	2AX240
Production (GPM / m3/hr)	.17/.386	.42/.096	.84/.19
GPD (24 hour)	250	600	1200
# of Membranes	1 (2.5 x 21")	1 (2.5 x 40")	2(2.5 x 40")
Recovery/ (without Recycle)	20%	26%	40%
Motor (HP)			
110V/220V 60HZ	1/3	1/2	1/2
Amps (Full Load)			
(110V/220V) 1PH	(7.2/3.6)	(9.8/4.9)	(9.8/4.9)
Inlet	1/2"	1/2"	1/2"
Permeate Outlet	1/2"	1/2"	1/2"
Concentrate Outlet	1/2"	1/2"	1/2"
Permeate Storage Capacity (Gallons)	65	65	65
	Length	Width	Height
	(in/cm)	(in/cm)	(in/cm)
Unit Dimensions			
1AX221	34/86.4	32/81.3	54/137.2
1AX240	34/86.4	32/81.3	64/162.6
2AX240	34/86.4	32/81.3	64/162.6