



Self Contained Pressurized Reverse Osmosis Systems

The **CSPRO** System was designed to meet low flow applications, which require, the use of, a minimal amount, of floor space. Permeate water is stored and dispensed, from a bladder tank, via a plumbing connection/hose bib located, on the front bottom, of the tank. Typical dispensing pressures range from 20 to 50 psi. with the standard tank draw down being 6.9 gallons.

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 High Pressure Hoses
- S/S or FRP Pressure Vessels
- Sediment Pre-filter
- Brass Rotary Vane High Pressure Pump
- Stainless Steel Concentrate Control Valve
- 110 or 220 VAC Single Phase 60 Hz
- Concentrate Pressure Gauge
- Tank Pressure Gauge
- 6.9 Gallon Draw Down Bladder Tank
- Flowmeters (permeate/concentrate)

Model CSPRO	1PX221	1PX240	2PX240
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/230V) 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"
Pressure Tank (gallon draw down)	6.9	6.9	6.9
		Length	Width
		(in/cm)	(in/cm)
Unit Dimensions			
1PX221		28/71.12	18/45.7
1PX240		28/71.12	18/45.7
2PX240		28/71.12	18/45.7

Optional Features Available:

- Digital TDS Meter
- Stainless Steel Pump
- Extra Pressure Gauges
- Larger Draw Down Tanks: