

CRO Series 500 – 8000 Reverse Osmosis Systems



Commercial
RO Systems

	Design				Rejection and Flow Rates				Connections			Membranes			Vessels		Pumps			Electric	Size ³	
	Configuration	Feed Water Source ¹	System Recovery ²	System Recovery with Recycle	Nominal Salt Rejection	Permeate Flow Rate	Concentrate Flow Rate (Minimum)	Concentrate Recycle Flow Rate	Feed Connection	Permeate Connection	Concentrate Connection	Per Vessel	Quantity	Size	Array	Quantity	Type	HP	RPM @ 60Hz	Standard Voltage	Dimensions (LxWxH in inches)	Weight (Lbs)
CRO-500	Single Pass	TDS <2000 ppm	26%	50% – 75%	98.5%	.34 gpm	1.00 gpm	Up to 1.00 gpm	3/4" FNPT	1/2" MNPT	1/2" FNPT	1	2	2521	1:1	2	Multi-Stage	1/2 HP	3450	120V 1Ph 60 Hz 9 Amps	18x18x55	110
CRO-1000	Single Pass	TDS <2000 ppm	41%	50% – 75%	98.5%	.69 gpm	1.00 gpm	Up to 1.00 gpm	3/4" FNPT	1/2" MNPT	1/2" FNPT	1	3	2521	1:1:1	3	Multi-Stage	1/2 HP	3450	120V 1Ph 60 Hz 9 Amps	18x18x55	115
CRO-2000	Single Pass	TDS <2000 ppm	32%	50% – 75%	98.5%	1.39 gpm	3.00 gpm	Up to 5.00 gpm	3/4" FNPT	1/2" MNPT	1/2" FNPT	1	1	4040	1	1	Multi-Stage	1/2 HP	3450	120V 1Ph 60 Hz 9 Amps	18x18x55	130
CRO-4000	Single Pass	TDS <2000 ppm	47%	50% – 75%	98.5%	2.78 gpm	3.00 gpm	Up to 5.00 gpm	3/4" FNPT	1/2" MNPT	1/2" FNPT	1	2	4040	1:1	2	Multi-Stage	1/2 HP	3450	120V 1Ph 60 Hz 9 Amps	18x18x55	135
CRO-6000	Single Pass	TDS <2000 ppm	58%	50% – 75%	98.5%	4.17 gpm	3.00 gpm	Up to 5.00 gpm	3/4" FNPT	1" MNPT	1/2" FNPT	1	3	4040	1:1:1	3	Multi-Stage	1 HP	3450	220V 1Ph 60 Hz 14.2 Amps	18x18x55	155
CRO-8000	Single Pass	TDS <2000 ppm	65%	50% – 75%	98.5%	5.56 gpm	3.00 gpm	Up to 5.00 gpm	3/4" FNPT	1" MNPT	1/2" FNPT	1	4	4040	1:1:1:1	4	Multi-Stage	1 HP	3450	220V 1Ph 60 Hz 14.2 Amps	18x18x55	180

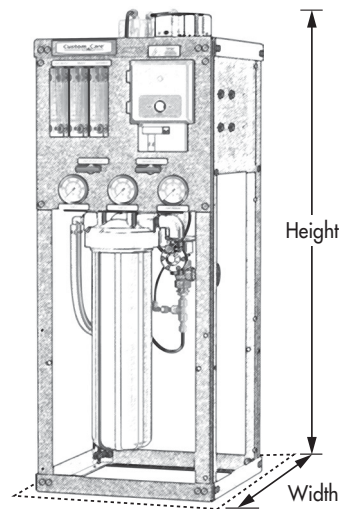
¹ Pretreatment recommended.

Test Parameters: Static pressure test for 5 minutes.

² Lower water temperature and high TDS feed water levels will significantly affect system's production capabilities.

³ Does not include operating space requirements.

NOTE: Shipping weight is dry.



Operating Limits

Design Temperature	77° F
Max/Min Feed Temperature	85°/40° F
Max/Min Ambient Temperature	120°/40° F
Max/Min Feed Pressure (psi)	85/45
Max Operating Pressure (psi)	150
Max SDI Rating	<3
Max Turbidity NTU	1
Max Free Chlorine, ppm	0
Max TDS, ppm	2000
Max Hardness GPG	0
Max/Min pH (continuous)	11/5
Max/Min pH (cleaning 30 Min.)	12/2