



Designing, Manufacturing, and Supporting
Innovative Approaches to Clean Water Since 1863

EPRO™ Commercial Reverse Osmosis (RO) Systems



EPRO 21500

Electronic control functions include: low pressure shut down, low pressure auto restart, shut down on high storage tank, pretreatment shut down, system indicator lights- run, low pressure, storage tank full, and permeate TDS sensor.

RO has become the most economical and environmentally friendly way to purify water for an amazing array of applications requiring “better than tap water” water quality including:

- Spot-free rinsewater for carwashes
- Boiler & cooling tower makeup water
- Laundries and cleaners
- Nurseries and greenhouses
- Electronics fabrication
- Paint and assembly lines
- Food and beverage production & bottling
- Commercial printing
- Pharmaceutical production & laboratories
- Misting and humidification

Standard Features

- Carbon steel frame
- 316 SS multi-stage centrifugal pump
- High-rejection 4” TFC membranes
- FRP pressure vessels
- 5 micron sediment cartridge
- Concentrate control with recycle
- Permeate and concentrate flow meters
- Pre & post prefilter, 1st array, and concentrate gauges
- 230- 460/60Hz/3 phase TEFC motor
- Multi-function electronic control unit
- Pump throttle valve
- Sample ports: prefilter outlet, permeate, concentrate

Optional Features

- Configured systems with storage and repressurization
- TDS/conductivity sensor on RO feed water intake
- pH monitor/controller
- Auto-flush (with feed water), or permeate flush
- High TDS package
- Chemical dosing
- Interstage gauges
- Sample ports w/check valve on each pressure vessel



EPRO Medium RO's

EPRO™ reverse osmosis systems from Crane Environmental pioneered RO for homes and businesses in the mid 1970's and continue to purify millions of gallons per day in over 80 countries world-wide.

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EP0612-003



EPRO™
Reverse Osmosis Systems

System Specifications



EPRO 11500 (7x440)											
Production		3 rd Year Max		Element Size	Designed Recovery	Motor Horsepower (HP) (3 Phase)		Approx. Ship. Dimensions / Weight		Approx. Unit Dimensions / Weight	
GPD	m ³ /D	Operating Pressure	Inlet Size	/(Qty)	(without recycle)	60 Hz/220V Standard	50Hz/220V Standard	in. / lbs.	cm / kg.	in. / lbs.	cm / kg.
11,500	43.5	199	1.5"	4"x40" / 7	40%	5	4	48/73/58 800	122/186/147 363	37/64/66 700	94/163/166 320



EPRO 13000 (8x440)											
Production		3 rd Year Max		Element Size	Designed Recovery	Motor Horsepower (HP) (3 Phase)		Approx. Ship. Dimensions / Weight		Approx. Unit Dimensions / Weight	
GPD	m ³ /D	Operating Pressure	Inlet Size	/(Qty)	(without recycle)	60 Hz/220V Standard	50Hz/220V Standard	in. / lbs.	cm / kg.	in. / lbs.	cm / kg.
13,000	49.2	198	1.5"	4"x40" / 8	45%	5	5.5	48/73/58 850	122/186/147 386	37/64/68.5 730	94/163/174 330



EPRO 14500 (9x440)											
Production		3 rd Year Max		Element Size	Designed Recovery	Motor Horsepower (HP) (3 Phase)		Approx. Ship. Dimensions / Weight		Approx. Unit Dimensions / Weight	
GPD	m ³ /D	Operating Pressure	Inlet Size	/(Qty)	(without recycle)	60 Hz/220V Standard	50Hz/220V Standard	in. / lbs.	cm / kg.	in. / lbs.	cm / kg.
14,500	54.9	191	1.5"	4"x40" / 9	50%	5	5.5	48/73/58 900	122/186/147 408	37/64/68.5 775	94/163/174 350



EPRO 16000 (10x440)											
Production		3 rd Year Max		Element Size	Designed Recovery	Motor Horsepower (HP) (3 Phase)		Approx. Ship. Dimensions / Weight		Approx. Unit Dimensions / Weight	
GPD	m ³ /D	Operating Pressure	Inlet Size	/(Qty)	(without recycle)	60 Hz/220V Standard	50Hz/220V Standard	in. / lbs.	cm / kg.	in. / lbs.	cm / kg.
16,000	60.6	189	1.5"	4"x40" / 10	50%	5	5.5	48/73/58 950	122/186/147 431	37/64/68.5 830	94/163/174 375



EPRO 17500 (11x440)											
Production		3 rd Year Max		Element Size	Designed Recovery	Motor Horsepower (HP) (3 Phase)		Approx. Ship. Dimensions / Weight		Approx. Unit Dimensions / Weight	
GPD	m ³ /D	Operating Pressure	Inlet Size	/(Qty)	(without recycle)	60 Hz/220V Standard	50Hz/220V Standard	in. / lbs.	cm / kg.	in. / lbs.	cm / kg.
17,500	66.3	189	1.5"	4"x40" / 11	50%	5	5.5	48/73/58 1,000	122/186/147 454	37/64/68.5 880	94/163/174 400



EPRO 19000 (12x440)											
Production		3 rd Year Max		Element Size	Designed Recovery	Motor Horsepower (HP) (3 Phase)		Approx. Ship. Dimensions / Weight		Approx. Unit Dimensions / Weight	
GPD	m ³ /D	Operating Pressure	Inlet Size	/(Qty)	(without recycle)	60 Hz/220V Standard	50Hz/220V Standard	in. / lbs.	cm / kg.	in. / lbs.	cm / kg.
19,000	71.9	186	1.5"	4"x40" / 12	50%	7.5	7.5	48/75/58 1,050	122/191/147 476	37/64/68.5 950	94/163/174 430



EPRO 20500 (13x440)											
Production		3 rd Year Max		Element Size	Designed Recovery	Motor Horsepower (HP) (3 Phase)		Approx. Ship. Dimensions / Weight		Approx. Unit Dimensions / Weight	
GPD	m ³ /D	Operating Pressure	Inlet Size	/(Qty)	(without recycle)	60 Hz/220V Standard	50Hz/220V Standard	in. / lbs.	cm / kg.	in. / lbs.	cm / kg.
20,500	77.9	187	1.5"	4"x40" / 13	50%	7.5	7.5	48/75/58 1,150	122/191/147 522	37/64/68.5 990	94/163/174 450



EPRO 21500 (14x440)											
Production		3 rd Year Max		Element Size	Designed Recovery	Motor Horsepower (HP) (3 Phase)		Approx. Ship. Dimensions / Weight		Approx. Unit Dimensions / Weight	
GPD	m ³ /D	Operating Pressure	Inlet Size	/(Qty)	(without recycle)	60 Hz/220V Standard	50Hz/220V Standard	in. / lbs.	cm / kg.	in. / lbs.	cm / kg.
21,500	81.4	185	1.5"	4"x40" / 14	50%	7.5	7.5	48/75/58 1,250	122/191/147 567	37/64/68.5 1,050	94/163/174 475

Note: Specifications are subject to change without notice. Systems shown with options. Contact your Crane Environmental Representative for the latest options and specifications.

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