

Commercial & Industrial Reverse Osmosis Systems Available from BI Pure Water (Canada) Inc.

Commercial & industrial reverse osmosis systems are engineered to provide years of trouble-free service by including every necessary option for a successful installation. All systems include top-quality components and are manufactured using highly skilled personnel.



RO300G-FL, RO500G-FL



Units with 4" OD membranes



RO10800G-FL model for 10,800 GPD

Standard Features:

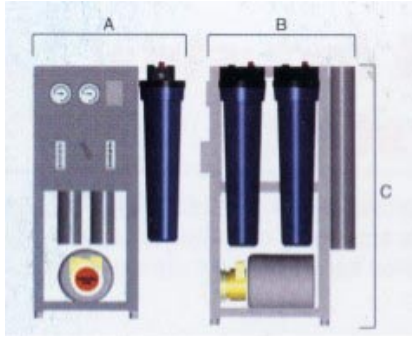
- High rejection thin film RO membranes
- Stainless steel frames (powder coated)
- Efficient, high pressure pumps & motors
- Electronic controls
- Continuous TDS monitoring
- Level controls (on / off)
- Flow meters (product water & concentrate)
- Pressure regulator valves
- Pressure gauges for inlet and concentrate
- Stainless steel membrane housings
- Automatic fast rinse flush
- Heavy-duty pressure tubing
- Product water flow meter
- Low pressure shut-off and restart
- Pre-filter housings & cartridges*
- Recycle lines on most models
- Starter motor box
- On / off switch
- Solenoid valves (pump & flush)
- Factory tested and sterilized
- Comprehensive limited warranty

* Pre-filtration required for models RO7200G-FL & RO10800G-FL

Specifications

Model.	GPD	LPM	Inlet Pipe	Membrane	No	Recycle Line	Recovery	Motor	Electrical
RO300G-FL	300	0.8	3/4" FNPT	2.5" x 21"	1	Yes	Up to 50%*	0.5 HP	110 v
RO500G-FL	500	1.3	3/4" FNPT	2.5" x 21"	2	No	22%	0.5 HP	110 v
RO100G-FL	1,000	2.6	3/4" FNPT	4" x 21"	1	Yes	Up to 50%*	1.0 HP	110 v
RO120G-FL	1,200	3.2	3/4" FNPT	4" x 40"	1	No	20%	1.0 HP	110 v
RO180G-FL	1,800	4.7	3/4" FNPT	4" x 40"	1	Yes	Up to 60%*	3.0 HP	230 v
RO360G-FL	3,600	9.5	3/4" FNPT	4" x 40"	2	Yes	Up to 60%*	3.0 HP	230 v
RO540G-FL	5,400	14.2	3/4" FNPT	4" x 40"	3	No	30%	3.0 HP	230 v
RO720G-FL	7,200	18.9	3/4" FNPT	4" x 40"	4	Yes	Up to 75%*	3.0 HP	230 v
RO10800G-FL	10,800	28.4	1" FNPT	4" x 40"	6	Yes	Up to 75%*	4.0 HP	230 v

* With recycle line



Dimensions

Model	A (Front)	B (Side)	C (Height)
RO300G-FL	20"	18"	37"
RO500G-FL	20"	18"	37"
RO100G-FL	20"	18"	37"
RO120G-FL	26"	18"	59"
RO180G-FL	26"	18"	59"
RO360G-FL	26"	18"	59"
RO540G-FL	26"	18"	59"
RO720G-FL	26"	18"	59"
RO10800G-FL	30"	24"	59"

Minimum Feed Water & Electrical Requirements

Model	Capacity (GPD)	Minimum Feed		Voltage / Hertz	Phase	Amps
		GPM	LPM			
RO300G-FL	300	2.0	15	110 v / 60 hz	Single	7
RO500G-FL	500	2.0	15	110 v / 60 hz	Single	7
RO100G-FL	1,000	4.5	35	110 v / 60 hz	Single	14
RO120G-FL	1,200	5.0	39	110 v / 60 hz	Single	14
RO180G-FL	1,800	9.3	72	230 v / 60 hz	Three	9
RO360G-FL	3,600	13.7	107	230 v / 60 hz	Three	9
RO540G-FL	5,400	13.9	108	230 v / 60 hz	Three	9
RO720G-FL	7,200	13.9	108	230 v / 60 hz	Three	9
RO10800G-FL	10,800	16.5	128	230 v / 60 hz	Three	12

Water Temperature Adjustments

Water Temp.	Production Factor*	
40	4	0.48
50	10	0.60
60	16	0.73
70	21	0.88
77	25	1.00
80	27	1.06
90	32	1.26

*Percent of rated production using thin film membrane.

Parts Description



1. Pre-filters
2. Power switch
3. High pressure pump
4. Solenoid valve (pump inlet)
5. Solenoid valve (auto flush)
6. Pressure regulator valve
7. Electronic control
8. Inlet pressure gauge
9. Concentrate pressure gauge
10. Recycle line flow meter
11. Permeate flow meter
12. Membrane housing
13. Membranes
14. Starter motor box
15. Recycle line (optional)
16. Low pressure switch
17. Power cord
18. Level switch connector for tank
19. Tube connector fittings



High rejection membranes are used for optimum performance. Rejection rates are typically 98% or more!

Limited Warranty

Commercial & Industrial Reverse Osmosis systems come with a limited warranty, covering material and workmanship for one year from date of installation, subject to user's compliance with manufacturer's operation and maintenance instructions. Membranes are excluded from this warranty, and seller's responsibility is limited to any warranty provided by membrane manufacturer. Seller shall not be liable for any special, incidental or consequential damages, and will at its option repair or replace any defective components. Warranty excludes o-rings, membranes, pre-filter cartridges, freight charges, labour to remove and reinstall equipment, use with sea water filtration, alterations and systems which do not have seller's identification label.

BI Pure Water (Canada) Inc.

#255 - 19358 - 96 Avenue, Surrey, BC V4N 4C1 Canada
 Phone: 604-882-6650 or 1-888-901-3111 Fax: 604-882-6659
www.bipurewater.com Info@bipurewater.com