

GRO Series

Hellenbrand's GRO Series Reverse Osmosis Systems



High Quality, Light Duty Industrial / Commercial Reverse Osmosis Systems

The GRO Series systems provide high quality water at a low cost. The base systems have optional packages to meet most facilities control and monitoring requirements.

GRO Series Benefits

- Dependable and simplistic operation
- High quality components
- Over two decades of RO design
- Full water production at low temperatures
- Low cost

Standard Features

- Product water check valve
- Recirculation loop for increased recovery
- Factory performance tested
- Automatic feed water shut-off valve
- Pre-filter pressure gauges
- Feed water low pressure protection
- Pre-filter and product water sample ports
- Product and reject flow meters (available on GRO1600-9600 only)
- Pretreatment lockout (available on GRO1600-9600 only)
- Reject Recirculation
- Thin film composite membranes
- Corrosion resistant stainless steel frame
- Rotary vane or multi-stage stainless steel centrifugal pumps depending on model
- Heavy duty, fiberglass RO pressure vessels (models with 4" vessels)
- Polyethylene or polypropylene tubing & fittings on product plumbing
- 5 Micron sediment pre-filter
- On-Off Switch
- Manual feed water shut-off valve
- Heavy duty concentrate control valve
- RO pump pressure gauge

Optional Features

- Auto restart
- Feed to product blend
- TDS Meter



The logo for Hellenbrand, featuring a stylized wave graphic above the brand name in a bold, italicized serif font.

GRO Series Specifications

<i>Model</i>	<i>Product</i>				<i>Reject</i>		<i>GPD Output</i>	<i>M3/D Output</i>	<i>Standard Recovery</i>
<i>Model</i>	<i>GPM</i>	<i>LPM</i>			<i>GPM</i>	<i>LPM</i>			
GRO 250	0.17	0.64					250	0.94	35%
GRO 500	0.34	1.28			0.52	1.97	500	1.9	40%
GRO 700	0.48	1.81			0.52	1.97	700	2.7	48%
GRO 1600	1.1	4.16			1.1	4.16	1,600	6.1	50%
GRO 3200	2.2	8.32			2.2	8.33	3,200	12.1	50%
GRO 4800	3.3	12.49			2.2	8.33	4,800	18.2	60%
GRO 6400	4.4	16.65			2.7	10.22	6,400	24.2	62%
GRO 8000	5.5	20.82			3	11.36	8,000	30.3	65%
GRO 9600	6.6	24.98			4.4	16.65	9,600	36.4	60%

Output is based on 50/60hz, 500 mg/l TDS, 70°F Temperature, 8.0pH.

<i>Model</i>	<i>Membrane Quantity</i>	<i>Membrane Size</i>	<i>Pump HP</i>	<i>Weight lb./kilo</i>	<i>Size (in.) LxWxH</i>		<i>Inlet Size</i>	<i>Product Size</i>	<i>Reject Size</i>
GRO 250	1	2.5" x 21"	1/3	50 / 23	17x26x20		3/8"	1/4"	1/4"
GRO 500	2	2.5" x 21"	1/3	58 / 26	17x26x20		3/8"	1/4"	1/4"
GRO 700	3	2.5" x 21"	1/3	66 / 30	17x26x20		3/8"	1/4"	1/4"
GRO 1600	1	4" x 40"	1	110 / 50	20x19x65		3/4"	1/2"	1/2"
GRO 3200	2	4" x 40"	1	130 / 59	20x19x65		3/4"	1/2"	1/2"
GRO 4800	3	4" x 40"	1.5	160 / 73	20x19x65		3/4"	1/2"	1/2"
GRO 6400	4	4" x 40"	1.5	185 / 84	20x19x65		3/4"	1/2"	1/2"
GRO 8000	5	4" x 40"	2	215 / 98	20x19x65		1	1/2"	1/2"
GRO 9600	6	4" x 40"	2	245 / 111	20x19x65		1	1/2"	1/2"

Product Improvement designs are subject to change without notice.



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