

Model: BEAUFORT
Piranha Reverse Osmosis Systems
(2000 - 8000 GPD / 300 - 1200 LPH)



BEAUFORT Reverse Osmosis Systems

- ★ Specialised Micro-Computer Controller
- ★ Fully Equipped and Customisable
- ★ High Recovery Rate
- ★ Low Energy Consumption
- ★ High Flow Low-Energy Membranes
- ★ Low Maintenance
- ★ Compact Space Saving Design

BEAUFORT Reverse Osmosis Systems feature an excellent pre-treatment design with high quality components to offer high performance. BEAUFORT systems are designed for high recovery rates and minimum energy consumption. Experience greater savings with lower maintenance and operation costs when you install a BEAUFORT Reverse Osmosis System.

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Product Description:

BEAUFORT compact commercial reverse osmosis systems are a durable piece of equipment which, with the correct care and maintenance will last for many years. BEAUFORT systems are part of a family of reverse osmosis units designed for operation with fresh and brackish feedwaters having TDS values below 2,000ppm. Models are available with permeate outputs of between 300 and 1000 litres/hr as shown in the specifications tables.

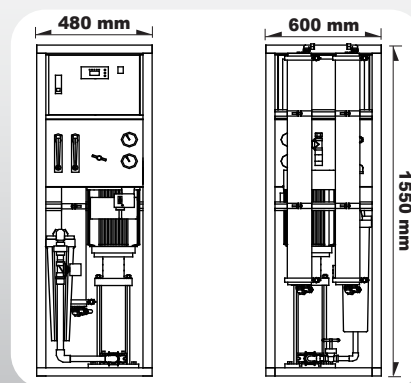
Specifications:

Specifications \ Models		Beaufort 2000	Beaufort 3000	Beaufort 4500	Beaufort 6000	Beaufort 8000
Capacity	GPD / LPH	2000 / 300	3000 / 500	4500 / 700	6000 / 1000	8000 / 1200
Working Pressure	PSI / BAR	150 - 200 / 10 - 14				
Pre-Filtration		(20" Filter Housing x 2) + (20" PP Cartridges 5u + 1u)				
Booster Pump		Rotary Van Pump + Motor (1HP)		Multi-staged Centrifugal Pump (3HP)		
Membrane	Material	T.F.C with FRP outer wrap				
	Size X Unit	4040 x 1	4040 x 2	4040 x 2	4040 x 3	4040 x 4
Membrane Housing	Material	High pressure FRP end port type				
	Size X Unit	4040 x 1	4040 x 2	4040 x 2	4040 x 3	4040 x 4
Flow Meters		Permeate / Concentrate				
Pressure Gauges		Feed water pressure / Booster pump outlet pressure gauges				
Water quality indicator		T.D.S meter with LCD				
Electrical Controls		Micro-computer control, overload breakers, LED indicators				
Frame		Electro-Polished Stainless steel 304				
Weight		87 KG	101 KG	113 KG	132 KG	145 KG

Feed Water Parameters:

Turbidity (SDI)	< 5
T.D.S.	< 2000 ppm
Temperature	+ 5 to + 40
Free Chlorine	0 ppm
pH	3 - 11
Iron	< 0.01 ppm

Dimensions:



Raw water source and quality is the key element that directly effect on the choice of pre-treatment equipment, pumps, piping, membranes...etc.

Please don't hesitate to send us your enquiry and see how we can help to meet your water treatment needs.

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