

Model: ATLANTIC

**Piranha Reverse Osmosis Systems
(9000 - 120000 GPD / 1500 - 20000LPH)**



ATLANTIC Reverse Osmosis Systems

- ★ Specialised P.L.C. Control with Mimic Panel
- ★ Fully Equipped and Customisable
- ★ Automatic Membrane Flush with Permeate Water
- ★ Low Energy Consumption
- ★ High Flow Low-Energy Membranes
- ★ Low Maintenance
- ★ Integrated Space Saving Design

ATLANTIC RO Systems are designed to produce low dissolved solids water from tap or well water by using high efficiency reverse osmosis membranes. The RO product water is used in applications such as semiconductor, boiler feed, pharmaceutical, municipal, water reuse, food processing, bottling, and a wide variety of other applications for water purification.

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Specifications:

Specifications \ Models		Atlantic 1.5T	Atlantic 2T	Atlantic 2.5T	Atlantic 3T	Atlantic 4T	Atlantic 5T
Capacity	GPD / LPH	9000 / 1500	12000 / 2000	15000 / 2500	18000 / 3000	21000 / 3500	30000 / 5000
Working Pressure	PSI / BAR	150 – 200 PS					
Pre-Filtration		5 Micron Sediment Filters					
High Pressure Pump		Grundfos Multi-staged Centrifugal Pump					
Membrane	Material	T.F.C with FRP outer wrap					
	Size X Unit	4040 x 6	4040 x 8	4040 x 10	4040 x 12	8040 x 4	8040 x 6
Membrane Housing	Material	High pressure FRP end port type					
	Size X Unit	8040 x 3	8040 x 4	8040 x 5	8040 x 6	8080 x 2	8080 x 3
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		PLC control, overload breakers, LED indicators					

Specifications \ Models		Atlantic 7T	Atlantic 9T	Atlantic 12T	Atlantic 16T	Atlantic 20T
Capacity	GPD / LPH	42000 / 7000	54000 / 9000	72000 / 12000	96000 / 16000	120000 / 20000
Working Pressure	PSI / BAR	150 – 200 PSI				
Pre-Filtration		5 Micron Sediment Filters				
High Pressure Pump		Grundfos Multi-staged Centrifugal Pump				
Membrane	Material	T.F.C with FRP outer wrap				
	Size X Unit	8040 x 8	8040 x 9	8040 x 12	8040 x 16	8040 x 20
Membrane Housing	Material	High pressure FRP end port type				
	Size X Unit	8040 x 3	80120 x 3	80120 x 4	80160 x 4	80160 x 5
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		PLC control, overload breakers, LED indicators				

Flexible OEM/ODM Service

We have an extensive OEM/ODM service - to help you to customise your reverse osmosis system with capacity up to 200 M3 per hour, and see the project through to production with the help of our highly specialised OEM/ODM team.

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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