



DI WATER GENERATOR

shark



The latest generation machines for your water purification requirements.

- Specialised P.L.C control with mimic panel
- Fully Equipped and Customisable
- Auto membrane flush with permeate water
- Low Energy Consumption
- High Flow Low-Energy Membranes
- Low Maintenance
- Integrated Space Saving Design

FLUID SCIENCE **shark** DI WATER GENERATOR

SHARK 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 semi-conductor, boiler feed, pharmaceutical, municipal, water reuse, food processing, bottling and a wide variety of other applications for water purification.

Experience greater savings with lower maintenance and operation costs when you install a SHARK Reverse Osmosis System. SHARK integrated commercial reverse osmosis systems are a durable piece of equipment which, with the correct care and maintenance will last for many years.

SHARK 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 700 litres/hr as shown in the specifications tables.

Technical Specification

Specifications \ Models		Shark 1.5T	Shark 2T	Shark 2.5T	Shark 3T	Shark 4T	Shark 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		Shark 7T	Shark 9T	Shark 12T	Shark 16T	Shark 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				

minimum operating temperature 5°