



DI WATER GENERATOR dolphin



The latest generation machines for your water purifying needs.

- **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**

FLUID SCIENCE **dolphin** DI WATER GENERATOR

DOLPHIN Reverse Osmosis Systems feature an excellent pre-treatment design with high quality components to offer high performance. DOLPHIN systems are designed for high recovery rates and minimum energy consumption.

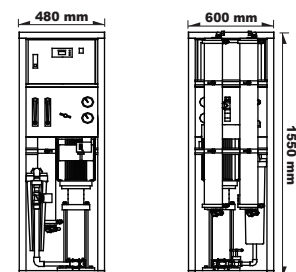
Experience greater savings with lower maintenance and operation costs when you install a DOLPHIN Reverse Osmosis System. DOLPHIN compact commercial reverse osmosis systems are a durable piece of equipment which, with the correct care and maintenance will last for many years.

DOLPHIN 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.

Technical Specification

Specifications \ Models		Dolphin 2000	Dolphin 3000	Dolphin 4500	Dolphin 6000	Dolphin 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

Dimensions



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