FLUID SCIENCE LTD
specialists in liquid solutions

DI WATER GENERATOR
barracuda

The latest generation machines for your water purifying requirements.

- **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 barracuda DI WATER GENERATOR

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

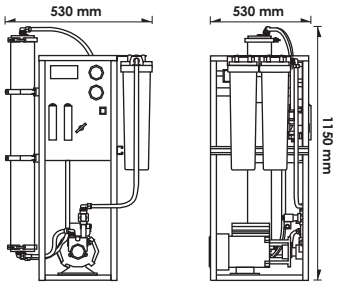
Experience greater savings with lower maintenance and operation costs when you install a BARRACUDA Reverse Osmosis System. BARRACUDA compact commercial reverse osmosis systems are a durable piece of equipment which, with the correct care and maintenance will last for many years.

BARRACUDA 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		Barracuda 2000	Barracuda 3000	Barracuda 4000
Capacity	GPD / LPH	2000 / 300	3000 / 500	4000 / 700
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
Membrane Housing	Material	High pressure FRP end port type		
	Size X Unit	4040 x 1	4040 x 2	4040 x 2
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		64 KG	75 KG	107 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