



# DI WATER GENERATOR

## piranha



*The latest generation machines for your water purification 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 **piranha** DI WATER GENERATOR

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

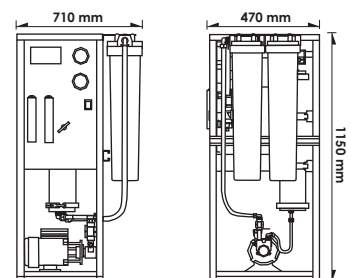
Experience greater savings with lower maintenance and operation costs when you install a PIRANHA Reverse Osmosis System. PIRANHA compact commercial reverse osmosis systems are a durable piece of equipment which, with the correct care and maintenance will last for many years.

PIRANHA 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		Piranha 300	Piranha 600	Piranha 800
Capacity	GPD / LPH	300 / 50	600 / 100	800 / 150
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 (½HP)		
Membrane	Material	T.F.C with FRP outer wrap		
	Size X Unit	2521 x 1	2521 x 2	4021 x 1
Membrane Housing	Material	UPVC SCH80 with reinforced end caps		Stainless Steel 304
	Size X Unit	2521 x 1	2521 x 2	4021 x 1
Flow Meters		Permeate / Concentrate		
Pressure Gauges		Feed water pressure / Booster pump outlet pressure gauges		
Water quality indicator		T.D.S meter with LCD screen		
Electrical Controls		Micro-computer control, overload breakers, LED indicators		
Frame		Electro-Polished Stainless steel 304		
Weight		35 KG	40 KG	43 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