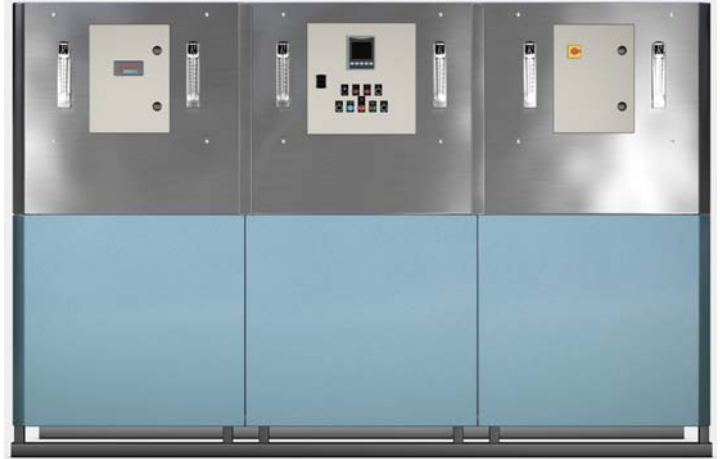


The industrial desalination plant has been designed and manufactured for the high water usage demands of our individual customer requirements. The system once programmed will run to the requirements of the owner with minimal maintenance.

**Application:**

The DSB-30-01 is an ideal system for those wanting to solve water quality issues with minimal intervention with the operation of the equipment. Common application include:

- **Brackish Water**
- **Salinity Issues**
- **Iron Staining**
- **Hard Water Issues**
- **Soft Water Issues**



**Features:**

- 400V, 3 x 4kw, 6hp sealed motor with overload protection
- Vertical Multi stage 316 S/S Wet Ends
- Primary filter cleaning blockage alert
- Low bore water pressure auto shut down
- Over pressure auto shut down
- Fully automatic Hi-Lo tank functionality
- Long Membrane life  
(Dependant on usage per annum and quality of water)
- Corrosive resistant fittings
- Digital pressure readout
- Automatic system safety fault detection
- Automatic machine bore flushing function
- Individual module shut-off capability
- Blending Valve to maintain required T.D.S



**Technical Specifications:**

- **Capacity:** **Up to 200,000 Litres per 24hrs\***  
(Approximately 138.9 litres per minute)  
(Larger machines also available)
- **Input Pressure:** 300 – 380 kPa
- **Pump:** 3 x 316 S/S 4 kW  
Vertical Multistage  
Spiral Wound RO
- **Filter:** 6 x Pre-Filter
- **Pre-Filter:** Digital
- **Auto Cutoff:** 3 Waste, 3 Treated
- **Flow Meter:** Digital
- **Pressure gauge:** Digital
- **T.D.S indicator:** Digital
- **T.D.S max:** 10,000
- **Dimensions (mm):** 2600 x 1000 x 1600 (approximate)
- **Power Req:** 3 Phase

\*Machine capacity varies per number of membranes and water chemistry. Capacity is calculated on a maximum Total Dissolved Solids (T.D.S) of 2,000 mg/l NaCl at 75% recovery.

**Note: Larger machines also available**