

The automatic desalination plant has been designed to minimise the amount of manual operator input. The system once programmed will run to the requirements of the owner with minimal maintenance.

Application:

The DSB-10-01 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:

- 240V, 2.2 kw or 3 kw, 3hp sealed motor with overload protection
- Vertical Multi stage 316 S/S Wet End
- 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



Technical Specifications:

- **Capacity:** **Up to 60,000 Litres per 24hrs***
(Approximately 41.7 litres per minute)
- **Input Pressure:** 300 – 380 kPa
- **Pump:** 1 x 316 S/S 2.2 kw or 3 kw
Vertical Multistage
- **Filter:** Spiral Wound RO
- **Pre-Filter:** 2 x Pre-Filter
- **Auto Cutoff:** Digital
- **Flow Meter:** 1 Waste, 1 Treated
- **Pressure gauge:** Digital
- **T.D.S indicator:** Optional
- **T.D.S max:** 10,000
- **Dimensions (mm):** 700 x 670 x1560 (approximate)
- **Power Req:** 15Amp single phase or 3 phase

*Machine capacity varies with number of membranes and water chemistry.

Eg: If Capacity is calculated on a maximum Total Dissolved Solids (T.D.S) of 2,000 mg/l NaCl at 75% recovery.

- 3 Membrane machine is capable of producing:
Upto 19,000 litres per 24 hrs
- 10 membrane machine is capable of producing:
Upto 60,000 litres per 24 hrs

Machines available with 2 to 10 membranes.

Desalination - Customer Enquiry

Fax: (03) 9822 9577

Date:...../...../.....

Machine Type:(Model)

Name:.....

Title/Position:.....

Company:.....

Street:.....

Suburb/City:.....

State:.....

Post Code:.....

Country:.....

Email:.....

Phone:.....

Fax:.....

System Requirements:

.....
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.....

Proposed Water Use:.....

.....

Litres per Minute Required L/m:

Total Litres per day:.....
(24 Hour Period)

Water Source:.....

Have you tested your water: YES / NO

Water Test Result:.....

.....

(Please attach test report if available)

Internal Use Only:

Contacted By:.....

Date:...../...../.....

File Number:.....



Model: DSB-5-01

Capacity: Up to 13,500 Litres per 24 hrs*

The manual desalination plant has been designed and manufactured as a small economical domestic unit. The system has low pressure proven performance membranes with manual flushing facility.



Model: DSB-10-01

Capacity: Up to 60,000 Litres per 24 hrs*

The automatic desalination plant has been designed to minimise the amount of manual operator input. The system once programmed will run to the requirements of the owner with minimal maintenance.



Model: DSB-30-01

**Capacity: Up to 200,000 Litres per 24 hrs*
(Larger machines also available)**

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.

***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.**