



# DESSALATOR

Watermakers

30 years experience in reverse osmosis desalination

## Technical Specification

### Pro Model

- AC Powered
- 230V
- Reverse Osmosis
- Modular System



### Key features

**Automatic/manual fresh water rinsing** - keeps the system fresh and clean, prolongs the life of the membranes and back-flushes the pre-filter.

**Automatic fresh water transfer to tank** - simplifies operation, letting you relax whilst your tanks are replenished. The unit also features a manual override.

**Cartridge pickling system** - Simplifies pickling without the use of buckets, hoses and loose chemicals.

**Automatic shutdown** - with alarm light if the pressure gets too high or if there is no water flow, so the pump cannot run dry.

**Product Flow-meter** - easily monitor the rate of fresh water production.

**Hour-meter** - track running hours to analyse performance and establish need for service.

**Low pressure gauge** - gives clear indication of when a pre-filter change is required

**Automatic pressure regulation** - available as optional extra



**Remote Control Panel** - Optional extra. Available either hard wired or with wireless Bluetooth capability. The digital panel displays full operating data and allows the user to set parameters (including working pressure) from any location on board.

### Over 30 years in the making...



**Quiet and reliable** - Fitted with CAT high pressure pumps; the best for reliability and low maintenance with up to 5000 hour service intervals.

**Optimum performance** - Only Filmtec (Dow Corning) membranes are used for long life, increased output and greater resistance to chlorine.

**High quality materials** - Carbon fibre membrane tubes eliminate issues with corrosion and are strong and light - maximising long life.



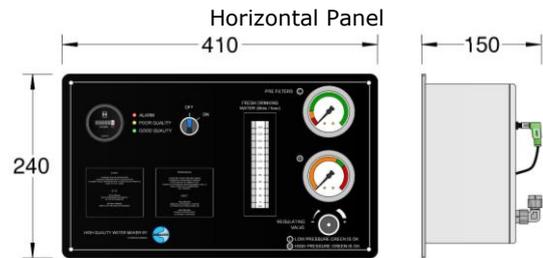
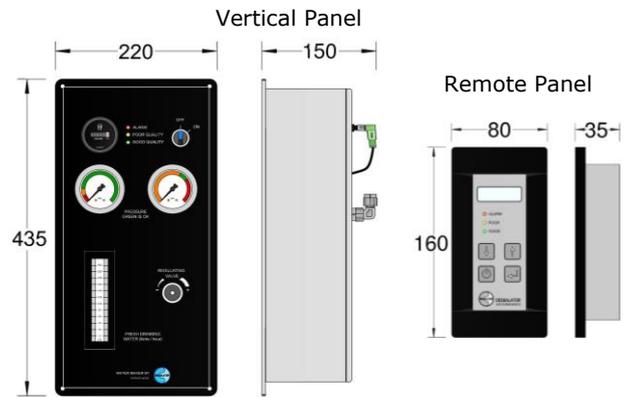
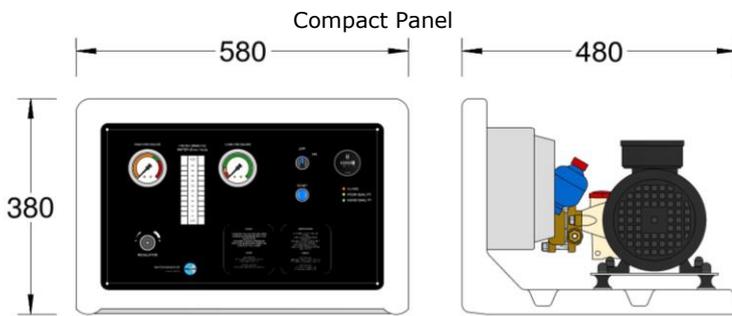
# System Specifications

Model	Output (ltr/hr)	Weight (kg)	Voltage	LP Pump Power Consumption	HP Pump Power Consumption	Start Load
D90 Pro	90	66	230V	300W - 1.6A	1.5kW - 8A	27A
D160 Pro	160	71	230V	300W - 1.6A	1.5kW - 8A	27A
D200 Pro	200	76	230V	300W - 1.6A	1.8kW - 10A	35A
D300 Pro	300	80	400V 3Ph	750W - 2A	3kW - 9A	18A

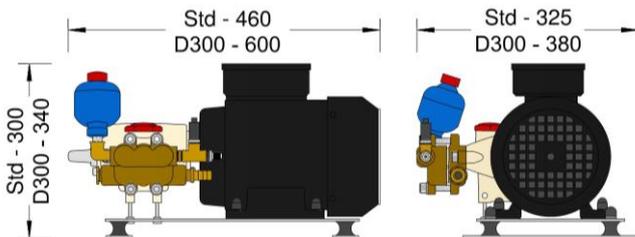
## Dimensions

### Control Panel Options

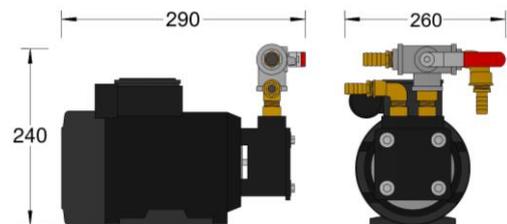
The Pro range is available in modular or compact versions. The modular versions have either a vertical or horizontal control panel that is designed to be mounted on or cut into a panel on the vessel. The Compact versions have the control panel mounted on an ABS base with the HP pump assembly, simplifying installation if a suitable platform is available and the panel is not required to be on view. An optional remote control panel is also available.



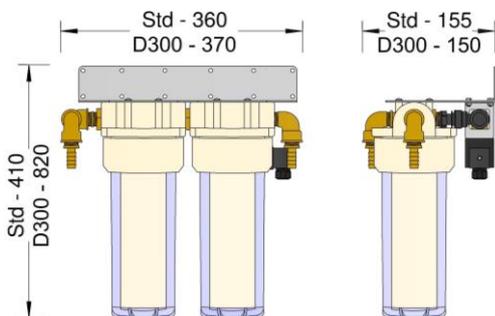
### High Pressure Pump Assembly



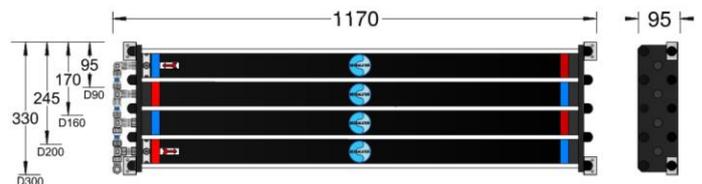
### Boost Pump



### Pre-filter Pack



### Membrane Assembly



All Dimensions in mm  
Std - D90, D160, D200



**Advance Yacht**  
SYSTEMS LIMITED

Advance Yacht Systems, 9 Fernacre Business Park,  
Budds Lane, Romsey, Hampshire, SO51 0HA  
Tel: 01794 523900 Fax: 01794 523018  
Email: info@advanceyacht.co.uk Web: www.advanceyacht.co.uk

