

# prestige descale

high quality reverse osmosis units



- Compact, integrated water purifier
- Output options within the range include 1000, 2000, 4000 and 6000 litres per day
- Integrated pre-filtration
- Easy to install and maintain
- Graphical user interface
- Removes up to 98% of dissolved minerals
- Removes up to 99% of bacteria, colloids and organic contaminants



# prestige descale - 1000-6000 litres per day

## description

**5µm pre-filter:** Protects reverse osmosis (RO) membrane from fouling by particulates and colloidal contaminants found in mains water.

**Internal break tank:** Protects against feedwater pressure fluctuations and allows easy cleaning.

**Integral boost pump:** Enables RO membranes to operate at optimum performance.

**Permeate divert:** Ensures consistent permeate quality.

**RO membrane:** Removes up to 98% of dissolved minerals, and up to 99% of organic, bacterial and particulate contaminants.

**Automatic membrane concentrate flush:** Extends membrane life.

**Product control selection:** Allows continuous running or control via external tank level sensors.

## technical specification

		PD50	PD100	PD150	PD250
Output	@ 25°C (l/hr)	70	146	291	430
	@ 10°C (l/hr)	42	84	168	250
Feedwater Hardness (Max) <sup>1</sup> (ppm CaCO <sub>3</sub> )		20	20	20	20
Feedwater Temperature (Min / Max)		1°C / 35°C	1°C / 35°C	1°C / 35°C	1°C / 35°C
Feedwater Pressure (Min /Max)		2 bar / 6 bar	2 bar / 6 bar	2 bar / 6 bar	2 bar / 6 bar
Free Chlorine (ppm Cl <sub>2</sub> )		<0.1	<0.1	<0.1	<0.1
Optional Pretreatment Cylinder <sup>2</sup>		AC7	AC7	AC8	AC8
Pure water recovery (Max %)		66	66	66	66
Feedwater consumption (Max l/hr)		106	221	441	651
Drain flowrate (Max l/hr)		36	75	150	221
Power requirements		100-230v/50-60hz	100-230v/50-60hz	100-230v/50-60hz	100-230v/50-60hz
Dimensions (w, d, h)		420mm x 548mm x 860mm	420mm x 548mm x 860mm	420mm x 548mm x 860mm	420mm x 548mm x 860mm
Weight (Working)		64 kg	64 kg	66 kg	66 kg
Weight (Shipping)		54 kg	54 kg	56 kg	56 kg

<sup>1</sup> For harder water a SUEZ water softener is required

<sup>2</sup> Optional pre-treatment required if free chlorine >0.1ppm or feedwater has a fouling index >5.

The unit is designed for a maximum TDS of 1000 mg/l, and a maximum colloidal index of 3. The permeate recovery depends on the raw water quality and the type of pretreatment.

## contact

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