

PURITE

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.

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- 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 specifications

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

¹ For harder water a Purite water softener is required

² 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.

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