

PURITE

# Purite Descale 160 ECO

RO quality water for equipment that requires standard RO permeate



The Purite Descale 160 ECO produces RO quality water from a standard potable water supply in a simple low footprint package. Ideal for feeding washers, autoclaves, polishers and other equipment that requires standard RO permeate.

## Additional features

- Reduced running costs - Eco membrane uses approximately 50% less water
- Reduced down time - Minimal maintenance requirements and consumable changes
- Consistent water quality delivered from the reverse osmosis membrane technology
- Water quality monitoring alerting the end user if quality deteriorates
- Wifi technology, allowing remote monitoring
- Minimal footprint - Integral tank.

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## Purite Descale 160 ECO

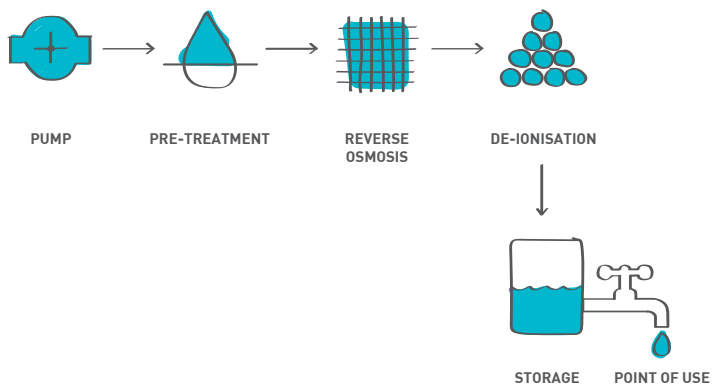
The Purite Descale 160 ECO produces consistent RO quality water from a standard potable water supply in a simple low footprint package.

The ECO membrane uses approximately 50% less water, resulting in lower running costs. Together with minimal maintenance reducing downtime, it is ideally suited for feeding high quality water to washers, autoclaves, polishers and other equipment that requires a standard RO permeate supply.



Purite Descale 160 ECO with external 100 litre tank

## Purite Descale 160 ECO Process Flow



## PURITE

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## Technical Specifications

Unit Specification	
Width (mm)	440
Depth (mm)	560
Height (mm)	750
Max shipping weight (kg)	36
Max working weight (kg)	41
Installation requirements	
Power	Single Phase, 100-240V, +/- 10%, 50 Hz
Feed water	Potable
Maximum TDS (ppm)	1000
Minimum inlet pressure - psi (bar)	10 (0.5)
Maximum inlet pressure - psi (bar)	30 (2.0)
Feed water temperature (min/max)	1-35°C
Product outputs*	
@ 10°C (l/hr)	14.4
@ 25°C (l/hr)	24

\* Product outputs based on a feed water pressure of 4 bar

System Specification	
Pure water storage	20 litre storage tank as standard (External 100 litre tank available)
Display panel	LCD – Colour touch screen
Pre-treatment cartridge	✓
Reverse osmosis	✓
Deionisation cartridge	-
Internal filtration	-
Point of use	-
UV lamp	-
Recirculation pump	-
Ultrapure polishing cartridge	-

Treated Water Specification	
Inorganics	> 98% rejection
pH <sup>1</sup>	Neutral
Bacteria	> 99% rejection <sup>2</sup>
Organics – TOC (ppb)	< 100
Particles	-
Endotoxins	-
DNases	-
RNases	-
Dispense modes	Pressurised feed
Dispense flow rate (l/min)	up to 2

<sup>1</sup> pH of stored water may decrease due to absorption of free carbon dioxide

<sup>2</sup> When measured directly across the membrane