



- Industrial quality membrane with automatic rinsing
- Continuous water quality and plant status indication
- Low water pressure safety switch
- Pressure control on/off
- Low noise output (< 63dB) - can be located anywhere
- High quality stainless steel engineering for durability and ease of maintenance
- High efficiency/low waste design

Reverse Osmosis Systems Osmotron® SmarT

The SmarT is an ultra compact water reverse osmosis unit which is ideal for all applications requiring demineralised water, such as warewashing. It is designed for durability and continuous performance with minimal maintenance.

The extremely low noise output and attractive appearance allow the unit to be sited almost anywhere.

TECHNICAL SPECIFICATIONS

Model	Osmotron Smart	
Permeate capacity at 15°C	150 litres/hour	
Reject setting at 15°C	50 litres/hour	
Recovery	75%	
Salt removal	95-99%	
Allowable water temperature	5-25°C	
Minimum required water pressure	2-4 bar	
Minimum required water supply	200 litres/hour	
Working pressure	11.0 -12.0 bar	
R.O. pump type	PO 801	
Electrical connection	230Volt, 50 Hz, 1 ph	
Total installed power	0.55 kW	
Inlet water connection	3/4" BSPF	
Treated water connection	3/4" BSPF	
Drain	16mm hose	
Overall dimensions	Height	210mm
	Width	600mm
	Depth	358mm
Membrane type	Hydranautic ESPA1	



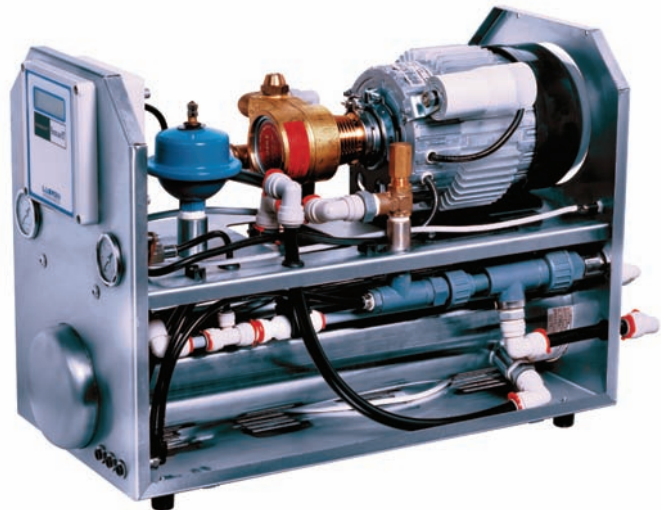
DESCRIPTION

An open chassis frame of pressed stainless steel containing the following components -

- Inlet solenoid valve
- Inlet pressure switch
- High pressure pump
- 1 ESPA RO membrane in stainless steel HP housing
- High pressure gauge
- Conductivity measuring sensor
- Reject restriction and recycle device
- Treated water pressure switch and mini pressure vessel
- Electronic control unit

Options

- GAC carbon filter on feed water
- Treated water pressure vessel for high volume fill requirements



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