



- Designed for maximum value and performance
- Unique low height of 730mm for low level under-counter or integrated installation
- On-board treated water tank and delivery pump
- Automatic membrane rinsing for extended membrane life and low maintenance
- LCD display of treated water quality
- Rugged brushed stainless steel cabinet
- Two models available - 135 and 220 litre/hour maximum output at 10°C.

Reverse Osmosis Systems Osmotron

The Osmotron is a compact, low level integrated reverse osmosis unit designed to provide demineralised water continuously or intermittently.

Built within a sturdy brushed stainless steel cabinet, the Osmotron is available with two production rates; Osmotron I providing 135 litres of purified water per hour and Osmotron II with a production rate of 220 litres per hour.

TECHNICAL INFORMATION

Treated water production rate

	Osmotron I	Osmotron II
10°C	135l/h	220l/h
15°C	160l/h	260l/h

Treated water tank net capacity: 75 litres

Supply to service at 3 bar: Up to 300l/h

Electrical requirements: 230V, 50Hz

Required inlet water pressure: 2-4 bar

Acceptable water temperature: 5-25°C

Water connection sizes:

Inlet:	1/2"
Outlet:	1/2"
Drain:	40mm

The Osmotron is designed to be supplied with fully softened make-up water. If this is not available Lubron will be pleased to advise on suitable equipment.

DIMENSIONS



Dimensions:	Osmotron 1	Osmotron II
Width	775mm	775mm
Depth	625mm	625mm
Height	870mm*	1040mm*

* maximum height including lid

OPERATION - pre-softened feedwater is filtered by the 5µ replaceable cartridge filter, the water is then delivered to the Reverse Osmosis modules by a rotary vane high pressure pump.

The demineralised water stream is collected in the on-board tank and delivered to the point of use by a pressure switch controlled transfer pump.

The flow rate of treated water is controlled by level switch controls. Treated water quality is continuously monitored and displayed on the front panel, along with feedwater and pre-module pressure.

After every production event the module is automatically flushed by clean feedwater before the unit goes to standby.

The effluent stream containing the eliminated dissolved minerals is directed to drain.

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