PURITE

Purite Elite RO

Industrial reverse osmosis units

The Purite Elite RO range of reverse osmosis units fulfils key applications requiring between 500 and 5,000 litres per hour of RO grade water.

Additional features

- 500-5,000 L/hr
- Permeate and concentrate flow indicators
- RO boost pump pressure indication
- Adjustable recovery rates
- Connections for CIP (optional)
- Integral pre-filtration
- High flow inlet feedwater valve.

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The Purite Elite RO range of reverse osmosis units fulfils key applications requiring between 500 and 5,000 litres per hour of RO grade water. To reduce operational costs the Elite RO incorporates the latest 'low energy' membranes and to reduce overall footprint is constructed with integral 5 µm pre-filters. The unit's stainless steel skid based frame and compact dimensions allows for easy transportation.

Operation of the unit is simple and provides volt free common alarm output. As an option, the unit can be supplied with CIP connections and, for certain applications, permeate divert assembly. For users who require greater capacity higher output units are available, contact Purite for details.

Technical specifications

Model	500	1000	1500	2000	2500	3000	4000	5000
Dimensions								
Height (mm)	1220	1220	1220	1330	1330	1475	1475	1475
Width (mm)	625	625	625	740	740	850	850	850
Length (mm)	1250	1250	1250	1575	1575	1575	1575	1575
Working weight (kg)	90	130	190	200	240	380	420	460
Shipping weight (kg)	60	90	120	155	175	290	330	370
Performance								
Permeate flow @ 10°C (m^3/hr)	0.5	1	1.5	2	2.5	3	4	5
Drain flow @ 10°C (m^3/hr)	0.25	0.5	0.75	1	1.25	1.5	2	2.5
Typical recovery	60-75%							
Average salt rejection	96-98%							
Services – Connections								
Feed (inch)	½	¾	¾	1	1	2	2	2
Drain (inch)	½	¾	¾	1	1	1¼	1¼	1¼
Permeate (inch)	½	¾	¾	1	1	1½	1½	1½
Services – Power								
Supply	230V/1ph/50Hz			400V+N+E/3ph/50Hz				

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Veolia Water Purification Systems Ltd trading as Purite
Bandet Way Thame Oxfordshire OX9 3SJ United Kingdom
T +44 (0)1844 217141
E vtc.vwts.puritemail.all@veolia.com
W purite.com

Errors and omissions excluded. Purite reserves the right to change the specification in accordance with our programme of continual improvement.