ENVIROFALK

Envi GreenPURE
L Ultra 80-350

ELECTRODEIONISATION

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L Ultra 80-350

The compact GreenPURE L Ultra reverse osmosis systems with electrodeionisation impress with their space-saving dimensions and high efficiency. These systems are ideal for applications where pure water of highest quality is required. This makes them particularly flexible and allows them to be installed even in confined spaces. The combination of reverse osmosis technology with electrodeionisation (EDI) achieves a particularly high level of pure water quality.

- **EDI:** State-of-the-art technology for the chemical-free production of ultrapure water.
- **High-quality components:** Materials such as PP and stainless steel piping extend the service life for a long-term, safe supply of pure water.

Envi GreenPURE Ultra	L 80	L 200	L 350
Diluate performance (l/h)	80	200	350
Typical conductivity (µS/cm)	< 0,2	< 0,2	< 0,2
Efficiency/yield (%)	up to 75	up to 75	up to 75
Pre-filter	12" filter cartridge 10 µm with activated carbon	12" filter cartridge 10 µm with activated carbon	12" filter cartridge 10 µm with activated carbon
Dimensions (width x depth x height in mm)	800 x 750 x 1800	800 x 750 x 1800	800 x 750 x 1800
Feed water quality	softened municipal water	softened municipal water	softened municipal water
Connection (feed water diluate/channel)	DN 20 / DN 15 / HT 50	DN 20 / DN 15 / HT 50	DN 20 / DN 15 / HT 50
Feed water pressure (bar)	2 - 6	2 - 6	2 - 6
Operating temperature (°C)	5 - 35	5 - 35	5 - 35
Ambient temperature (°C)	5 - 40	5 - 40	5 - 40
Electrical connection (V/Hz)	230/50	230/50	230/50
Power consumption (kW)	1	1	1
Article no.	**321022**	**321024**	**321031**

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Options, spare parts and consumables

Options & accessories	L 80	L 200	L 350
Concentrate flush valve	910252	910252	910252
Membrane degassing	322021	322001	322001
Conductivity measurement with ASTM test certificate	910568	910568	910568
Additional sensor to calculate the total yield	910572	910572	910572

Spare parts & consumables	L 80	L 200	L 350
12“ Filter cartridge 10 µm with activated carbon	455171	455171	455171
Membrane element	410177	410177	410177

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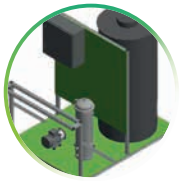
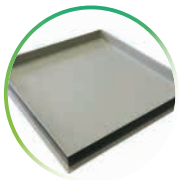
Accessories & options

Dosing technology		Article no.
	Antiscalant dosing station For dosing from a maximum 35 kg container. Consisting of a dosing pump with dosing monitoring, suction lance, injection point, safety collection tray and dosing hose.	322002

Consumables		
	Antiscalant EFM-A 301 For UO systems with a permeate capacity up to 3 m³/h (30 kg container)	475351
	Antiscalant EFA-S 302 For UO systems with a permeate capacity from 3 m³/h (30 kg container)	475419

Cleaning systems		
	**CIP station** Efficient cleaning and disinfection of production facilities. Trolley for holding components, including PE tank, screw-in heating element, circulation pump, filter housing	290635 (circulation rate 5 m³/h) 290630 (circulation rate 10 m³/h)

Communication interfaces		Article no.
	Modbus RTU	322038
	Modbus TCP	322039
	S7 connection	322040
	BACnet IP Basic version	322041
	BACnet IP With alarming and event management	322042

Safety & protective devices		
	**Floor pan** Below the entire system, made of PP, incl. water monitor with leakage sensor	On request

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