

HA-RO complete EDI Reverse-Osmosis-System



Technical information



- Ready-to-use DI- or pure water preparation system – Plug&Treat
- Fully equipped closet-system
- Compact, high-quality DI-water preparation as RO- or EDI-system
- Fully closed, noise-reduced closet-system
- Visualisation, operation and parameter setting of the whole system via central control cabinet with 10“ touch panel
- All necessary pre- and after-treatment-components integrated
- Connection to process control technique possible
- Electrical and operational upgrade to DI-water-supply of whole building
- Processing of measured data with SPS, regulation and processing devices for conductivity, temperature, pressure, UV-intensity and others not required
- All measuring sites calibrateable and adjustable
- All conductivity-gauges temperature-compensated
- Vertical, wear-free stainless steel-inline-high-pressure pump
- High-quality electrical and hydraulical components



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Permeate capacity:	70 - 500 l/h
Pure water quality:	5 - 15 $\mu\text{S}/\text{cm}^*$
Dilute capacity (EDI):	50 - 450 l/h
Ultra-pure water quality (EDI):	< 1 $\mu\text{S}/\text{cm}^*$
Double-softener:	2 x 60 $\text{m}^3/^\circ\text{dH}^{**}$
Brine container:	50 l
Container volume (internal):	80 l
RO-fine mesh filter:	10" oder 20"
Water input:	DN 25
Water output:	DN 25
Drain:	DN 50
Input voltage:	230 V/50 Hz
Pressure of untreated water:	3,0 - 6,0 bar
Temperature of untreated water:	5°C - 25°C
External temperature:	5°C - 30°C
Dimensions in mm (B x T x H):	1000 x 600 x 1900
Weight:	approx. 450 kg, depending on the version

* depending on quality of untreated water

** depending on the permeate and/or diluate performance