

Ministil Ion Exchanger Systems

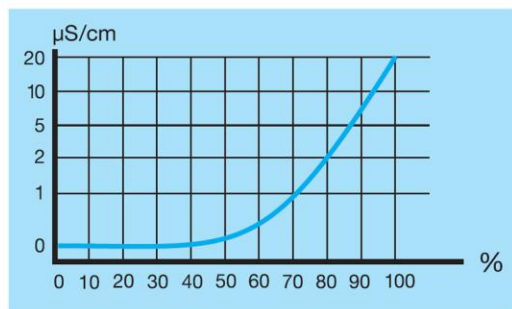
The ION exchanger systems work according to the established drop-down technology. The water to be prepared flows evenly from the top to the bottom through the resin filling. The desalinated water is collected at the cartridge bottom through a lance system and removed from the container. This water guidance leads to best effect and utilisation of the resin filling. This way large amounts of highly pure water with an extremely low conductivity can be produced. The water full desalinators of the stainless steel P series offer best safety and comfort. The stainless steel cartridges can be pressurised up to 10 bar and are available with R 3/4" screw connections or a retrofitting set for quick closure couplings.

Intelligent systems for demineralized water:

- V4 stainless steel cartridge
- pressureless or pressure-resistant
- filled with new quality ion exchange resins
- optional with analog or digital setpoint measurement

The desalination output is:

- approx. 100% below 20 $\mu\text{S}/\text{cm}$
- approx. 90% below 10 $\mu\text{S}/\text{cm}$
- approx. 70% below 1 $\mu\text{S}/\text{cm}$
- approx. 50% below 0,2 $\mu\text{S}/\text{cm}$



The ultrapure water produced by the ion exchangers has a residual salt content of $\leq 1 \text{ mg/l}$ corresponding to a conductivity of about 0.2 $\mu\text{S}/\text{cm}$.

Technical Specifications

	P-15 SD 1500	P-18 SD 2000	P-22 SD 2800	P-30 SD 4000	P-42 SD 6000	P-62	P-102
Power output (l/h)	300	300	600	1000	1800	2400	2400
Capacity at 10°d in Litre	2100	2500	2800	4200	6000	8400	14000
Compressive strength max./bar	10	10	10	10	10	10	10
Operating temperature max./°C	40	40	40	40	40	40	40
Dimensions in mm (Diameter x Height)	237 x 445	237 x 490	237 x 600	237 x 700	237 x 1065	360 x 750	360 x 1150
Net. quantity (Lt.)	15	17	20	27	40	60	100