

Ion exchanger mixed bed resin

Complete desalination of heating water

Description

The ion exchanger mixed bed resin from elector is a special ion exchange resin mixture, which is designed for the desalination of heating filling and supplementary water, as well as for the desalination of heating water in the circulatory process.

The mixed bed resin for heating water full desalination has a high proportion of anion exchangers (on average more than 60%) ideal for heating water treatment, which prevents the pH from dropping in acidity within the capacity limits.

elector mixed bed resin for the full desalination of heating water is a premium resin, which we subject to continuous quality control.

The mixed bed resin enables a filling water quality, with which the requirements of relevant guidelines, such as **VDI2035, SWKI BT 102-01 or ÖNORM H 5195-1. A** electrical conductivity of <0.1 s/cm and a total hardness of 0.001°dH are achievable values in the heating water.



Quality mixed bed resin from elector

The non-regenerated ion exchange resin from elector is exclusively a quality product of selected ion exchange resin manufacturers and can be used in all desalination stations available on the market for the complete desalination of the filling water of heating systems or for desalination of the circulating water of heating systems.

- Due to operating temperature up to 90°C, it is ideally suited for desalination of heating water in the in-line principle and for initial filling and refilling.
- Ion exchanger mixed bed resin with high anion content.
- Ion exchanger mixed bed resin for full desalination = low conductivity and hardness.
- Highest quality of well-known manufacturers - every batch is subjected by us to careful quality controls.
- 100% new product - no regenerated resin.
- Airtight packed - safe storage without sacrificing quality.
- incl. disposal bag for used resin.
- Disposal via normal household waste.

Label	Quantity (litres)	Description	Item No.
Ion exchanger- mixed bed resin for heating water Full desalination	2,7	Execution Airtight packed ion exchanger mixed bed resin, including disposal bag	43014
	6,5	Operating temperature max. 90°C	43013
	12,5	Capacity 125 - 150 litres of VE water per litre of resin with a raw water quality of 330 microns/cm (10°dH) and a shutdown time of 10 µS/cm.	43010

Capacity note

The above values refer to tests carried out and correspond to our best knowledge without any liability, since the actual performance values depend on the desalination plant, on its design, operation and raw water quality.

pH-Value

The pH of the fully desalinated water for filling heating systems is strongly influenced by the flow rate and the capacity state of the resin. If a flow rate of 40 BV (40 x resin quantity = l/h) is adhered to and the shutdown time of 5 - 10 µS/cm. Experience has shown that the pH value of the filling water in our mixed bed resin is in a level of 7.5 - 8.5.