

Product Name :

Ion Exchange

Product Code :

FUDE0064

**Description :**

Ion Exchange

Technical Specification :

Ion exchangers are mainly used for desalination and softening of seawater.

The raw water is drawn from the tank and enters the top of the cation exchanger. During the softening process, water flows from there back to the collection tank. The raw water is desalinated and then passed through an anion exchanger. From there the treated water enters the collection tank. During regeneration, acids or bases are supplied to the ion exchanger below.

The flow rate of the pump is adjustable and can be read from the flow meter before entering the first ion exchanger. For the continuous evaluation process, the conductivity sensor is installed upstream of the inlet of the collection tank. The measured value can be read from the conductivity meter. Tap water can be used as raw water.

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