

Desalpure

Fully regenerated desalination filters for fine polishing



Features

- High exchange capacity at small dimensions
- Easy to install with quick connections
- Maintenance-free and easy-care operation

Suitable for

- Laboratories and research centres
- Hospitals, pharmacies
- Chemical and cosmetics industries
- Distribution water for steam production
- Humidification
- Air conditioning
- Dental clinics

Type	15	25	30	35
Diameter, mm	150	250	300	330
Total Height, mm	650	1100	1400	1600
Pipe Connection, mm	20 G 3/4" female	20 G 3/4" female	20 G 3/4" female	20 G 3/4" female
Flow Capacity, l/h	800	1200	1800	2100
Working Pressure, bar	min. 1.5 - 8	min. 1.5 - 8	min. 1.5 - 8	min. 1.5 - 8
Max Water Temperature, °C	30	30	30	30
Capacity, salt content 1 mekv/l, m ³	2	12	17	26

Operation and Performance

DESALPURE desalination filters work according to the mixed-bed principle with cation and anion exchange polystyrene-based filling material. When the water passes through the filter, a totally desalinated water with a conductivity < 1µS/cm is obtained.

Clean water quality is continuously checked through a conductivity meter readable in µS/cm.

The conductivity meter can also be obtained with a limit switch for shutdown in case of deterioration water quality.

The DESALPURE desalination filter is connected directly to the cold water tap. They can easily be connected to pressurised systems.

The filters are manufactured with an inner tank of polyethylene. Also, they are reinforced with a fibre-glass mixed with glued epoxy.

The inside of the tank is fitted with an effective water distribution system to ensure effective dispersal of water across the whole filter media and thus produces water of high quality.

The raw water should be free of mechanical impurities as well as iron and manganese. Potassium permanganate consumption should be below 8 mg/l.

DESALPURE filters can also be supplied according to customers' requests.