

PUROFILL-VA

Stainless steel filter system for water treatment with ion exchangers

Description

The PUROFILL-VA ion exchanger tanks are ideally suited for a wide range of applications with ion exchangers.

The stainless steel container material 1.4571 (AISI 316 Ti) makes the ion exchanger cartridge ideal for applications in which ion exchangers are used under extreme conditions up to a temperature of 90 ° C and a permissible pressure of 10 bar.

The ion exchanger cartridge made of stainless steel 1.4571 is characterised by excellent resistance to corrosion and a large number of acids and alkalis, which makes it a flexible ion exchanger filter system.

Whether as an ion exchanger for softening water, for partial and full desalination, as a filter container for use as a selective exchanger or for the use of exchange resins, the stainless steel ion exchange cartridge is the first choice for ion exchange applications in process technology.



Features of the PUROFILL-VA ion exchange cartridge:

- Can be used with any ion exchange resin.
- Flow-optimised stainless steel water supply and water extraction system.
- Easy resin change through large container opening.
- Ready-to-connect ion exchange system.
- Spare parts available at any time.

Application	Water treatment with ion exchangers
Inlet Water Temperature	+4 to +90°C
Operating Pressure / Temp	max. 10 bar at 60°C - max. 6 bar at 90°C
Hose Connection	3/4" - Inlet and outlet
Material	Stainless steel 1.4571 (AISI 316 Ti)

Model	Capacity of ion exchanger	Dimension D x H (mm)	Empty weight in kg	Item No.
PUROFILL-VA.14	14 Litre	239 x 398	5,5	44050
PUROFILL-VA.26	26 Litre	239 x 703	8,5	44051
PUROFILL-VA.40	40 Litre	239 x 1029	11	44052
PUROFILL-VA.85	85 Litre	407 x 818	23,5	44054

Flow Rate

The recommended maximum flow rate is based on the application and the type and amount of ion exchange material (bed volume). Typically the tanks are operated at 1-40 BV / H (bed volume per hour).

Spare Parts	Artikel Nr.
Nylon hose (140 µm fabric) for PUROFILL-VA water supply and extraction pipe, incl. O-ring	44117
Inner flat seal with sieve for PUROFILL-VA	44119
Stainless steel double nipples 3/4", flat-sealing, for PUROFILL-VA	44120
Oval lid for PUROFILL-VA, incl. filter sieve and O-ring	44121
O-Ring for oval cap PUROFILL-VA	83037