

High-rate stainless steel cartridge filter SF

High-rate stainless steel cartridge filters SF with removable cartridges produced by the company VODASERVIS s.r.o. are used for **water finer filtration and treatment**. **Water flow rate** of these filters is between **0,2 to 50 m³/hour**. **Filtration efficiency** is determined by the size and type of the filtration cartridge **between 0,5 – 100 microns**.

SF cartridge filter consists of a cylindrical container standing on the legs (or with wall-mounting), with the evacuation cover in the upper part. The cover is attached with screws and is used to open the filter for filter cartridges removal. The filter contains 6 replaceable cartridges inside. There is an EPDM seal between the cover and the body of the filter. At the bottom of the filter, there is a sludge socket with a drain cock installed. There are water pressure manometres on the filter body, measuring the pressure differences before and after filtration and indicating the cartridges fouling.

Filters are delivered as one complete device and are **ready for installation**. Production technology and material used guarantee a **device long service life** without further repairs or replacements due normal wear and tear or additional surface coatings.

Usage: fine filtration of liquids with lower pollution, pre-filtration and protection to reverse osmosis units against mechanical impurities.



Quality assurance of stainless steel sleeve filter SF is documented by:

- Leach test set by the Ministry of Health Decree No. 409/2005 Coll.
- ČSN EN ISO 9001:2009 quality certificate
- Certificate of environmental management system ČSN EN ISO 14001:2005

Benefits:

- quality product designed and made in Czech Republic
- long service life
- energy-saving operation
- high performance and filtration efficiency
- short delivery time (1-2 weeks)
- easy available spare parts
- closure cap for easy replacement and control of filtration cartridges
- tailor made adjustments according to the customer specific requirements

Modifications:

- manufactured from stainless steel material No.: - 1.4401, 1.4541, 1.4571, etc.
- delivered with different sizes of filtration cartridges from 0,5 to 100 microns for drinking and technological water, oils, colors
- hot water ready up to 120°C
- in/out dimensions can be adjusted according to different types of connection (thread or flange fittings) and positioned on any place on the cylinder

SF filters basic parameters:

Type	Performance (m ³ /h)	Filtration surface (m ²)	In/Out Connection (inch)	Dimensions w/d/h (mm)
SF 6/10	13,5	0,28	1 1/2	370/340/625
SF 6/20	27	0,56	2	370/340/950
SF 6/30	40	0,84	2 1/2	370/340/1125
SF 6/40	50	1,12	3	370/340/1375

Operating pressure up to 10 bar. Pressure drop maximum 0,5 bar. Operational temperature +5°C to 120°C. Filters are not classified as pressure device.

