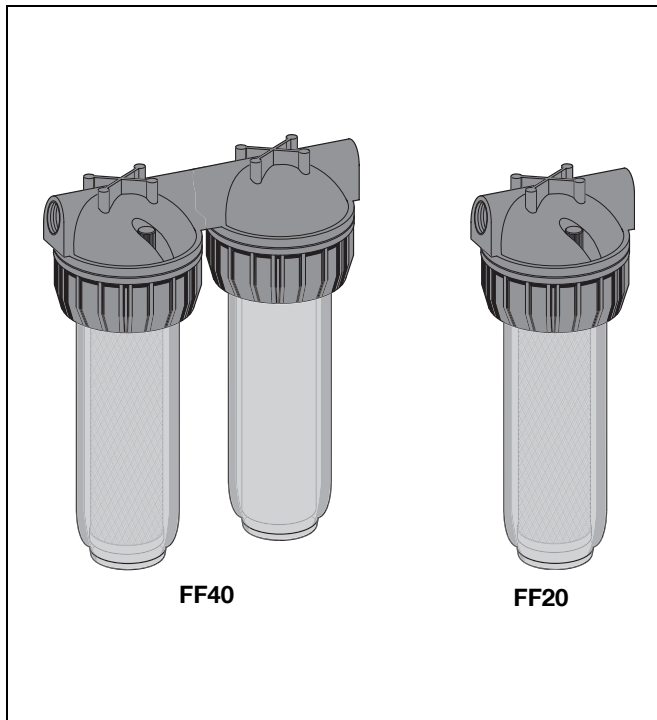


FF40/FF20

DUPLEX water filter with activated carbon cartridge, SIMPLEX water filter, or activated carbon filter

Product specification sheet



Construction

The filters comprise:

- Duplex or Simplex housing, wall bracket, wall bracket screws
- Clear filter bowl
- Fine filter 25 μm
- Activated Carbon insert 5 μm
- $\frac{3}{4}$ " female thread
- $\frac{3}{4}$ "-1" Adapter
- Ring wrench for filter bowl

Materials

- Head and ring nut: reinforced polypropylene
- Polypropylene fine filter
- Clear synthetic material filter bowl
- ETP O-Ring

Application

The DUPLEX water filter combines two different filter cartridges in one housing. Activated carbon removes dissolved organic material and chlorine. The polypropylene cartridge holds back undissolved matter.

In applications where only one filter type is needed a SIMPLEX filter with the selected filter cartridge can be used.

The filters ensure a continuous supply of filtered water. The fine filter prevents the ingress of particulates, for example rust particles, strands of hemp and grains of sand.

The filters can be applied to rain water treatment within the range of their specifications.

Special Features

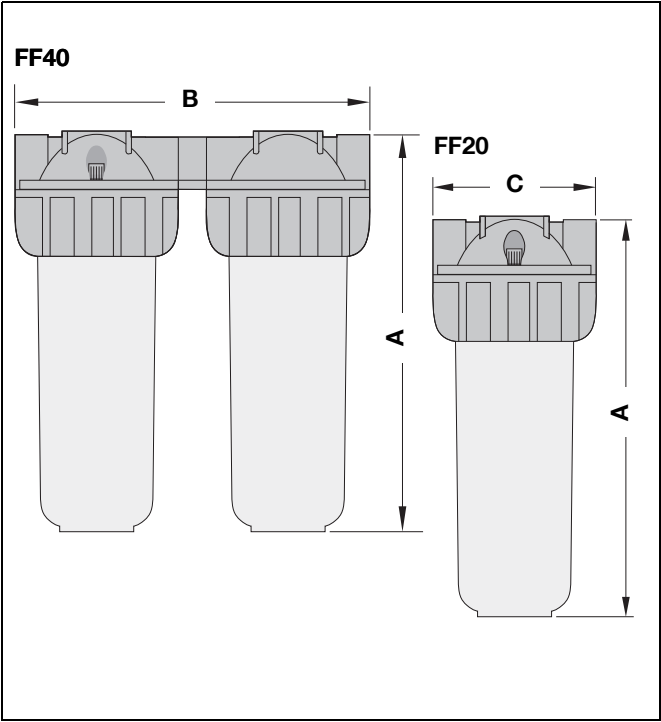
- Large filter surface
- Filter insert fully interchangeable
- Very simple operation
- Reliable and tested

Range of Application

Medium Water

Technical Data

Installation position	Horizontal with filter bowl downwards
Operating pressure	Maximum 6.0 bar
Operating temperature	Maximum 45 °C
Connection size	$\frac{3}{4}$ " female, 1" with $\frac{3}{4}$ "-1" adapter



Method of Operation

Water flows through the filter mesh from outside to inside and this traps dirt particles on the outer face of the filter. For reasons of hygiene, the filter insert must be replaced at no longer than six monthly intervals.

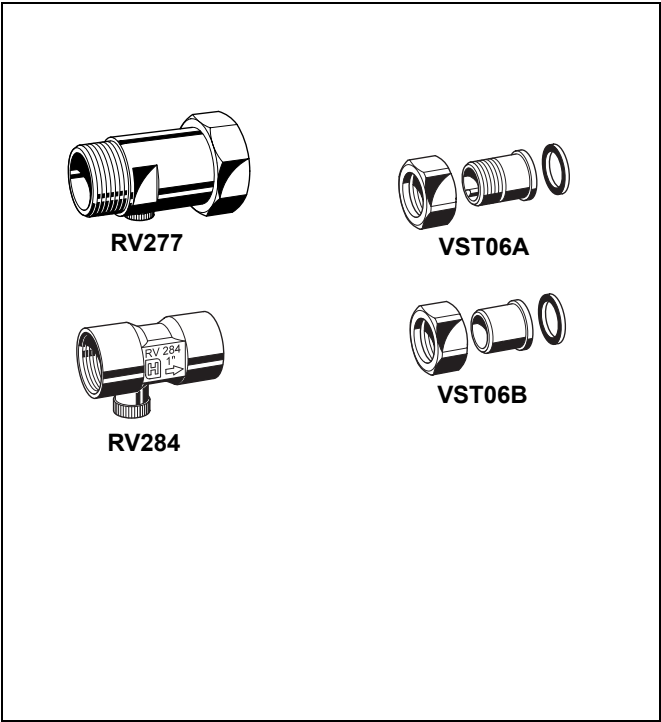
Activated Carbon cartridge filters out fine particles, eliminates of unpleasant odours and flavours caused by chlorine or other organic substances, removes of pesticides, insecticides, chlorinate solvents.

Average life-span of activated carbon cartridges: about 6 months.

Options

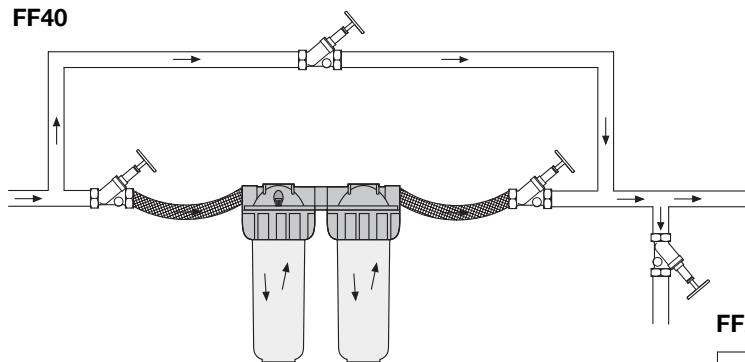
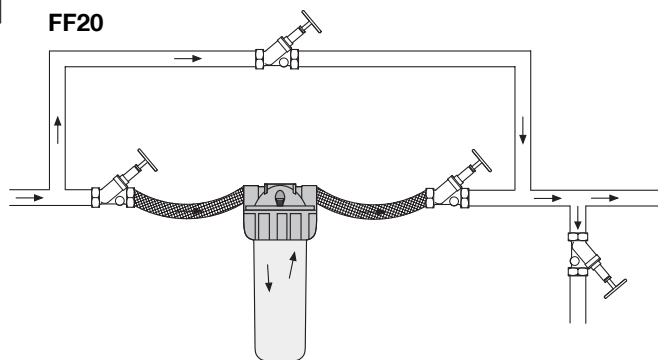
- FF40 Duplex water filter: mesh size 25µm combined with activated carbon filter mesh size 5µm
- FF20-MF Simplex water filter: mesh size 25µm
- FF20-AC Simplex activated carbon filter mesh size 5µm

		Duplex FF40	Simplex FF20-MF Simplex FF20-AC
Connection size		³ / ₄ " female, 1" with ³ / ₄ "-1" adapter	
Approximate weight	ca. kg	0.7	1.0
Dimensions	mm		
	A	315	315
	B	275	-
Flow value at Δp = 0.2 bar	m ³ /h		
		0.25	2.5 FF20-MF
			0.25 FF20-AC
k _{VS} -value			
		1.4	6.0 FF20-MF
			1.4 FF20-AC



Accessories

- RV277 Inlet check valve**
Available in sizes R¹/₂" - 2"
- RV284 Check valve**
Available in sizes R¹/₂" - 2"
- VST06 Connection set**
Connection set
A = Threaded male connection;
B = Solder union connection

Installation Example**FF40****FF20****Installation Guidelines**

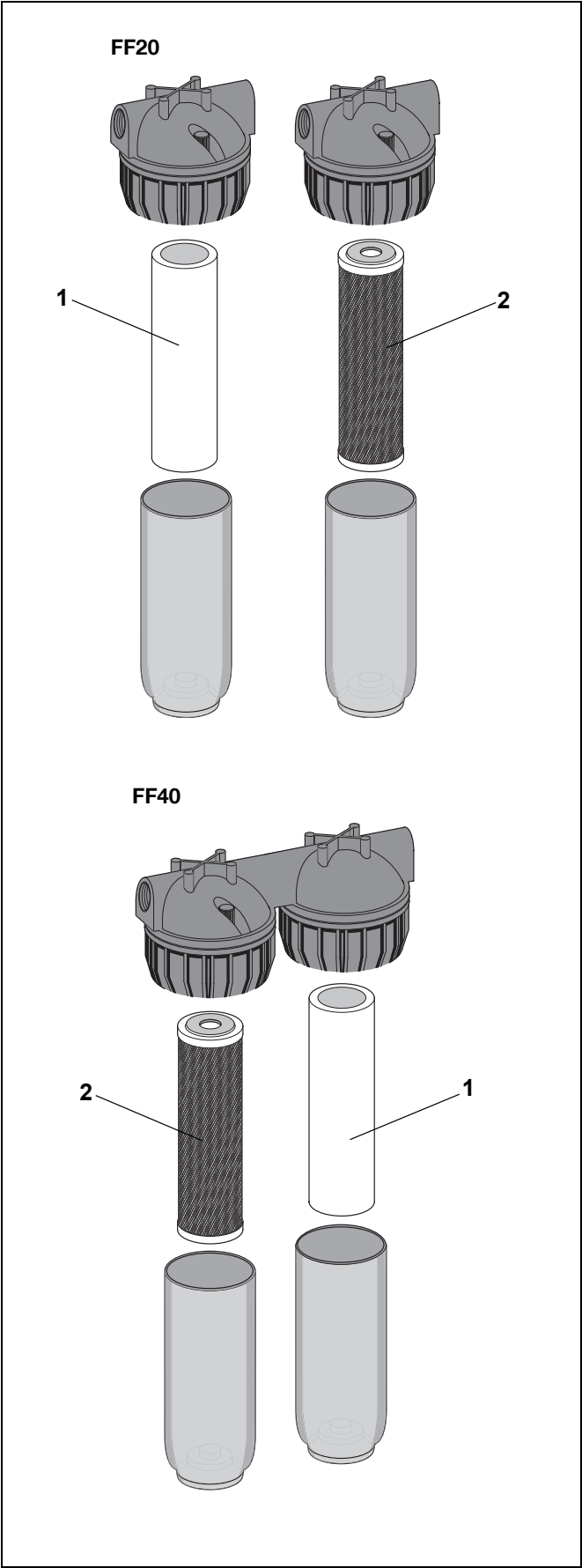
- Install in horizontal pipework with filter bowl downwards
 - o This position ensures optimum filter efficiency
- Fit shut-off valves before and after the filter
- Ensure good access
 - o Degree of contamination can be seen with clear filter bowl
 - o Simplifies maintenance and inspection

Typical Applications

Fine filters of this type are suitable for supplies to buildings of all types. They can be used for industrial or commercial purposes within their specification.

Fine filters of this type are installed:

- Where no pressure reducing valve is required (maximum 5.0 bar static pressure)
- Where a pressure reducing valve is already fitted but cannot be retrofitted with a filter



Spare Parts		
FF40/FF20 Fine Filters (From 2006 onwards)		
No.	Description	Part No.
1	Replacement filter cartridge	RC-MF
	Cartridge Height 10"	
2	Replacement active carbon cartridge	RC-AC
	Cartridge Height 10"	

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