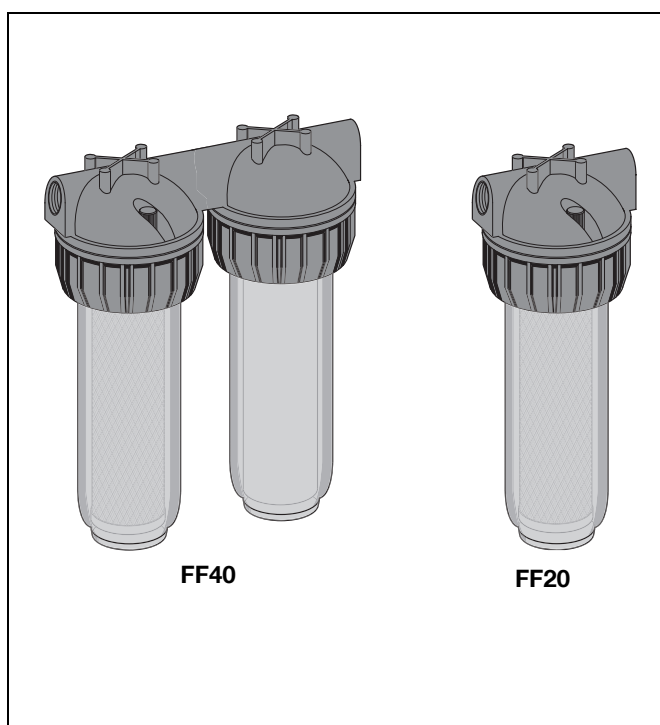


FF40/FF20

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
- $\frac{3}{4}$ " female thread
- $\frac{3}{4}$ "-1" male adapter
- Ring wrench for filter bowl

Materials

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

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

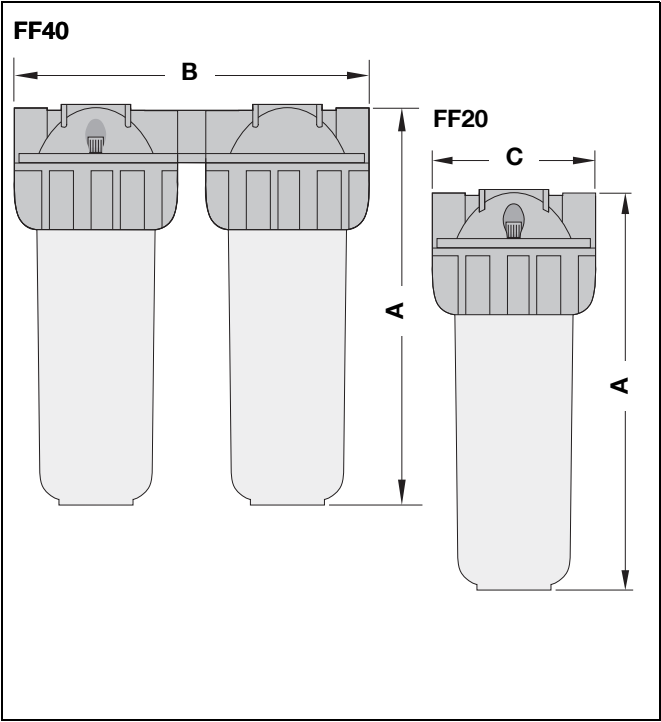
- Large filter surface
- Filter insert fully interchangeable
- Very simple operation
- Reliable and tested

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" male 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.

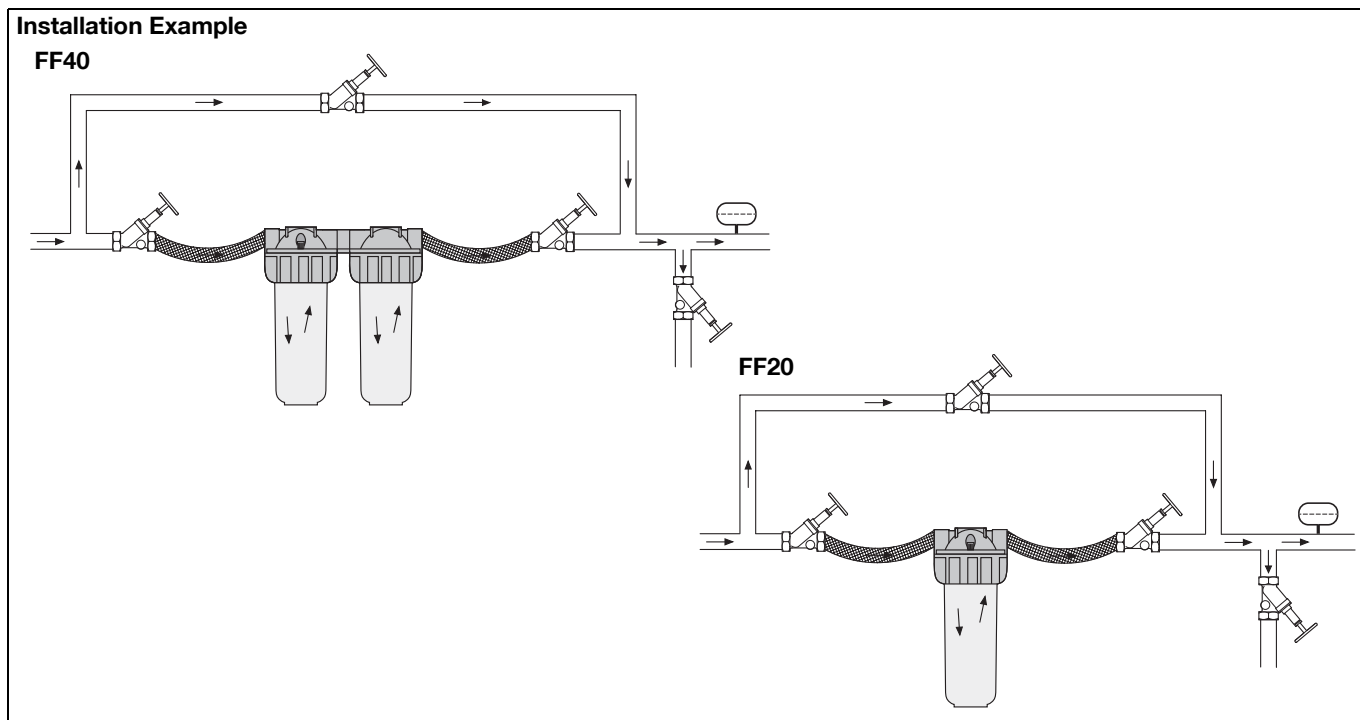
Activated Carbon cartridge filters out fine particles, eliminates of unpleasant odours and flavours caused by chlorine or other organic substances, removes of pesticides, insecticides, chlorinate solvents.

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

Options

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

		Duplex FF40	Simplex FF20-MF Simplex FF20-AC
Connection size		³ / ₄ " female, 1" male with ³ / ₄ "-1" adapter	
Approximate weight	ca. kg	0.7	1.0
Dimensions	mm		
	A	320	320
	B	275	-
	C	-	133
Flow value at Δp = 0.2 bar	m ³ /h	0.4	2.5 FF20-MF 0.4 FF20-AC
k _{VS} -value		1.4	6.0 FF20-MF 1.4 FF20-AC



Installation Guidelines

- Install in horizontal pipework with filter bowl downwards
 - This position ensures optimum filter efficiency
- Install shutoff valves before and after the filter
- Ensure good access
 - Degree of contamination can be seen with clear filter bowl
 - Simplifies maintenance and inspection
- The installation location should be protected against frost
- Do not install in places where there is strong sunlight

Typical Applications

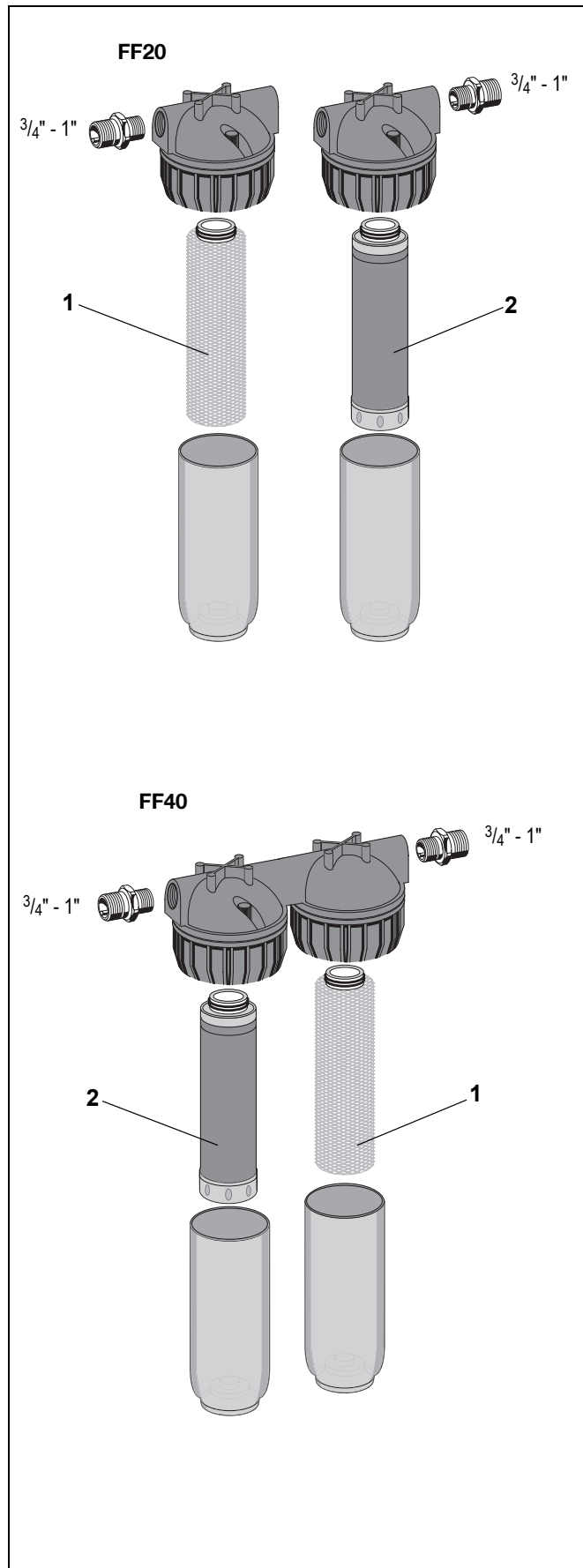
Fine filters of this type are suitable for supplies to buildings of all types. They can also be used for commercial and industrial applications within the limits of their specifications.

Fine filters with active carbon cartridge can be applied to rain water treatment.

Fine filters of this type are installed:

- Where no pressure reducing valve is required (maximum 6.0 bar static pressure)
- Where a pressure reducing valve is already fitted but cannot be retrofitted with a filter

FF40/FF20 Fine Filters (From June 2008 onwards)



- 1** Replacement filter cartridge Cartridge Height FF20-DMF
25µm 10"
- 2** Replacement active carbon Cartridge Height FF20-GAC
cartridge 10"

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