



## Braukmann FF60

TRIPLEX filter with washable prefilter,  
fine filter and activated carbon cartridge

### APPLICATION

The TRIPLEX water filter combines three different filter cartridges in one housing. Washable prefilter, the polypropylene cartridge holds back undissolved matter. The fine filter prevents the ingress of particulates, for example rust particles, strands of hemp and grains of sand and thus reduces the probability of corrosion. Activated Carbon cartridge filters out fine particles, eliminates of unpleasant odors and flavours caused by chlorine or other organic substances, removes of pesticides, insecticides, chlorinate solvents.

The filters ensure a continuous supply of filtered water.

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

### SPECIAL FEATURES

- Large filter surface
- Filter insert fully replaceable
- Spare o-rings for first maintenance included
- Very simple operation



### TECHNICAL DATA

<b>Media</b>	
Medium:	Water
<b>Connections/Sizes</b>	
Connection sizes:	$\frac{3}{4}$ " female, $\frac{3}{4}$ " male with $\frac{3}{4}$ " - $\frac{3}{4}$ " male adapter 1" male with $\frac{3}{4}$ " - 1" adapter
<b>Pressure values</b>	
Max. operating pressure:	6 bar
<b>Operating temperatures</b>	
Max. operating temperature medium:	45 °C
<b>Specifications</b>	
Installation position:	Horizontal with filter bowl downwards

## CONSTRUCTION

Overview	Components	Materials
	<b>1</b> Wall bracket with screws	Zinc-plated steel
	<b>2</b> 3/4" - 3/4" male adapter	Zinc-plated brass
	<b>3</b> Triplex housing for 100 µm sieve, for 25 µm sieve and activated carbon cartridge	Reinforced polypropylene
	<b>4</b> Ring nut	Reinforced polypropylene
	<b>5</b> Washable filter insert 100 µm (rinsable)	Polyester filter net
	<b>6</b> Clear filter bowls	Clear synthetic
	<b>7</b> Activated Carbon insert	Granular activated carbon
	<b>8</b> Fine filter insert 25 µm	Polypropylene
	<b>9</b> 3/4" - 1" male adapter	Brass
<b>Not depicted components:</b>		
	3/4" female thread	Brass
	Teflon-sealing tape	-
	3 additional spare o-rings for the filter bowls	EPDM
	Ring wrench for filter bowl	-

## METHOD OF OPERATION

Water flows through both the washable prefilter and the fine filter mesh from outside to inside and these traps dirt particles on the outer face of the filter. For reasons of hygiene, the fine filter insert must be replaced at no longer than six monthly intervals. The washable prefilter should be replaced at least after 2 years or after the third rinsing.

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.

## TRANSPORTATION AND STORAGE

Keep parts in their original packaging and unpack them shortly before use.

The following parameters apply during transportation and storage:

Parameter	Value
Environment:	clean, dry and dust free
Min. ambient temperature:	5 °C
Max. ambient temperature:	55 °C
Min. ambient relative humidity:	25 % *
Max. ambient relative humidity:	85 % *

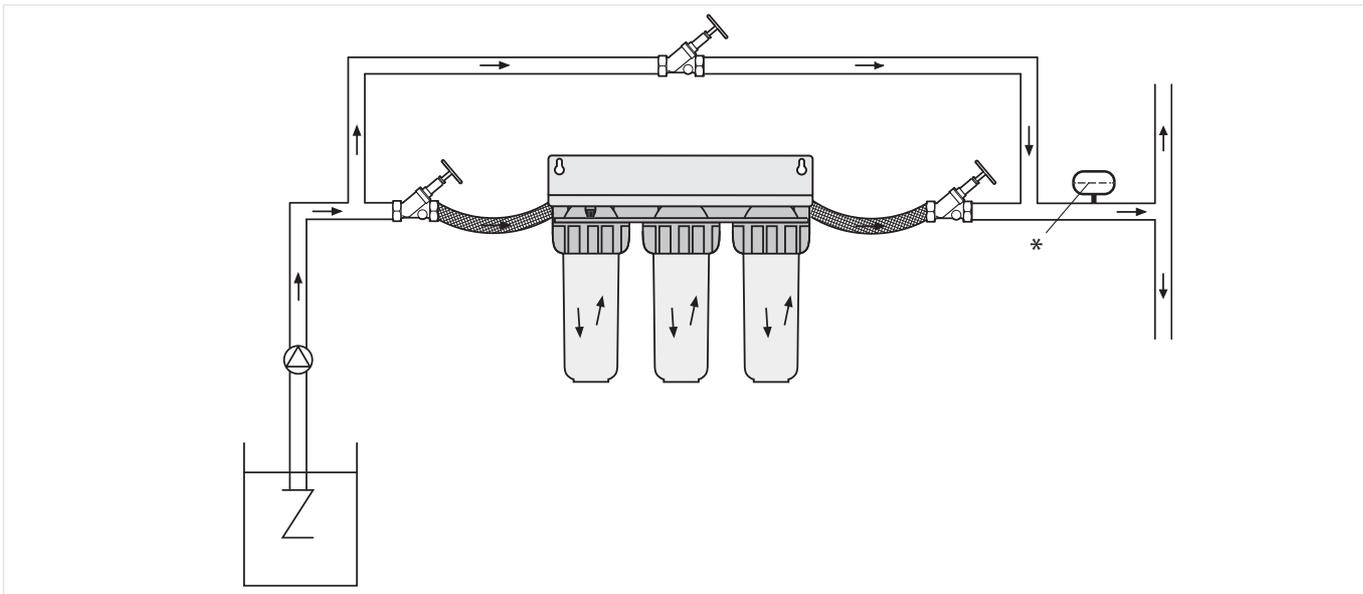
\*non condensing

## INSTALLATION GUIDELINES

### Setup requirements

- Before the installation check that the hydraulic system has been set-up according to the state-of-the-art
  - If the inlet pressure exceeds the maximum operating pressure of 6 bar, protect the product with a pressure reducing valve
  - If on outlet side the risk of hammering exists, it is recommended to protect the filter with an anti-water-hammer device to prevent the outlet pressure exceeds the 6 bar
- Install in horizontal pipework with filter bowl downwards
  - This position ensures optimum filter efficiency
- Install shut-off valves before and after the filter
- Ensure good access
  - Degree of contamination can be easily 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
- In order to avoid flooding, it is recommended to arrange a permanent, professionally dimensioned wastewater connection
- These filters are armatures which need to be maintained regularly

**Installation Example**



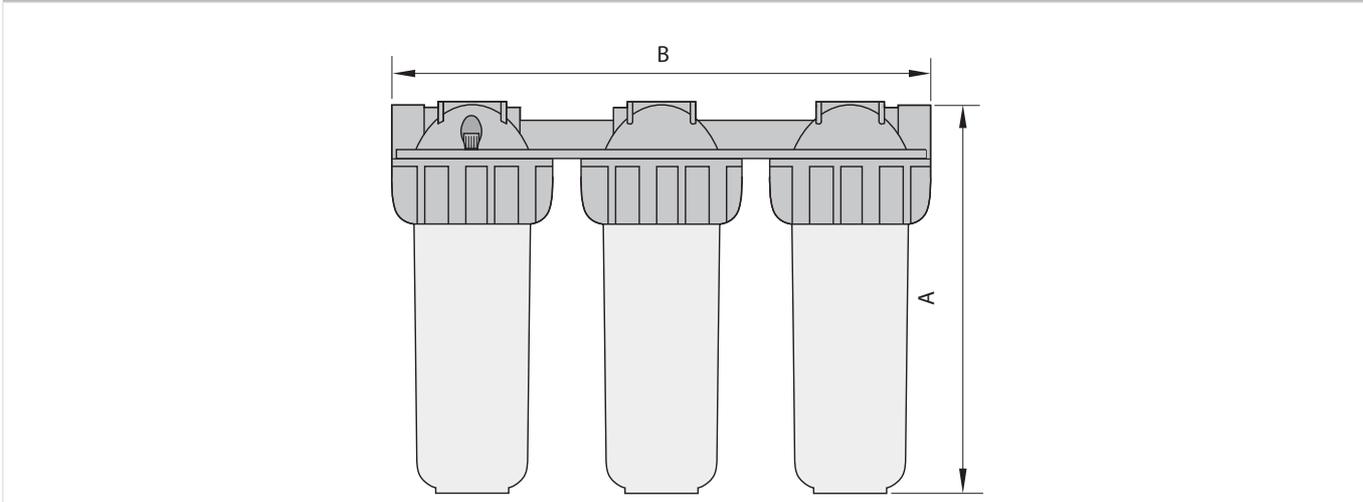
**TECHNICAL CHARACTERISTICS**

**kvs-Values**

<b>Connection sizes:</b>	<b>3/4" female, 3/4" male with 3/4" - 3/4" adapter, 1" male with 1" - 3/4" adapter</b>
k <sub>vs</sub> -value (m <sup>3</sup> /h):	0.8

**DIMENSIONS**

**Overview**



Parameter		Values
Connection sizes:	R	3/4" female, 3/4" male with 3/4" - 3/4" adapter, 1" male with 1" - 3/4" adapter
Weight:	kg	3.9
Dimensions:	A	320
	B	420
Flow value at Δp=0.2 bar:	m <sup>3</sup> /h	0.4

Note: All dimensions in mm unless stated otherwise.

## ORDERING INFORMATION

The following tables contain all the information you need to make an order of an item of your choice. When ordering, please always state the type, the ordering or the part number.

### Options

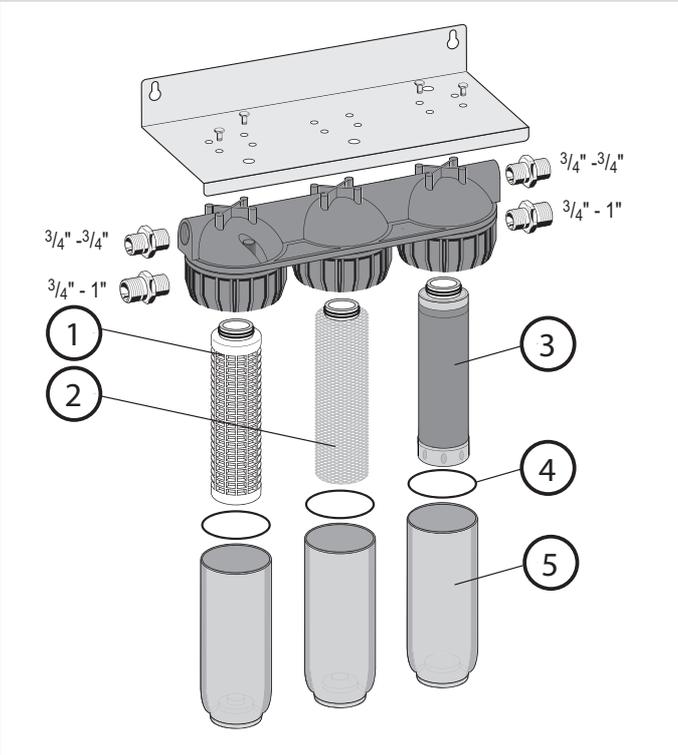
The filter is available in the following sizes: 3/4" and 1".

- standard
- not available

		FF60 Triplex water filter
Connection type:	Washable prefilter mesh size 100 µm, fine filter mesh size 25 µm and with activated carbon filter	•

### Spare Parts

FF60 Triplex filter

Overview	Description	Dimension	Part No.
	<b>1 Replacement washable prefilter cartridge 100 µm</b>		
	100 µm	Cartridge Height 10"	FF60-WMF
	<b>2 Replacement fine filter cartridge 25 µm</b>		
	25 µm	Cartridge Height 10"	FF20-DMF
	<b>3 Replacement active carbon cartridge</b>		
	Cartridge Height 10"	FF20-GAC	
	<b>4 O-ring set (3 pcs.)</b>		OR60
	<b>5 Filter bowl incl. O-ring</b>		KF60



Manufactured for  
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