

# BWT bestprotect

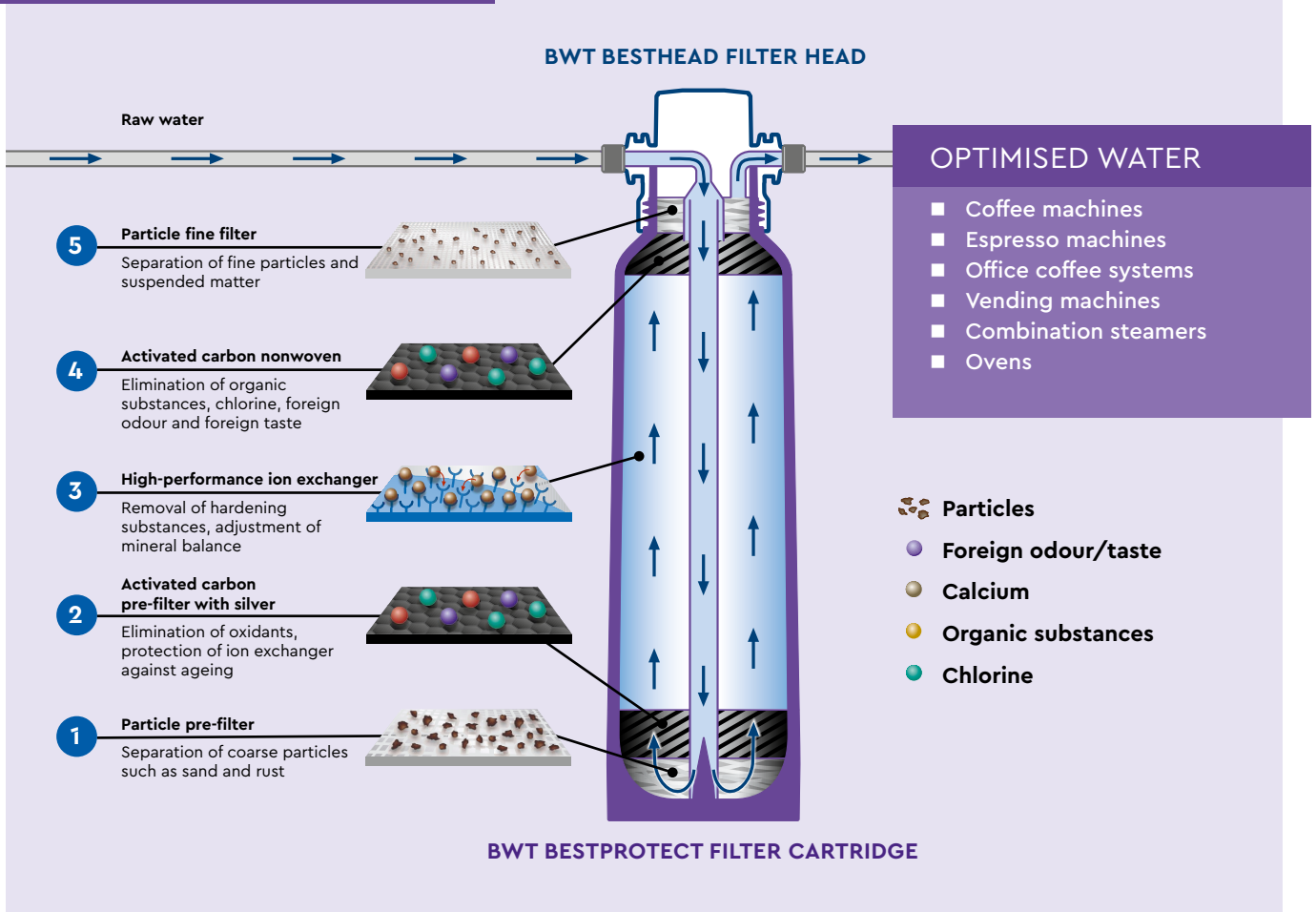


## The protectors

### WATER WITH THE PROTECTION FACTOR FOR CATERING AND VENDING

With BWT bestprotect, you can optimise raw water for catering application in a targeted way. This filter system ensures balanced mineralisation and a consistently high pH value in the filtrate – key factors that minimise the risk of corrosion. Hardness-forming calcium ions are practically entirely removed and deposits of limescale and gypsum prevented in the case of raw water containing carbonates or sulphates. Insoluble or difficult-to-remove deposits in machines are now a thing of the past.

The filter system consists of a filter cartridge with a BWT besthead filter head (see graphic). Check valves in the filter head prevent water backflow and uncontrolled water discharge. BWT bestprotect food-safe filter systems are pressure-resistant and safe. They can be used worldwide in any drinking water system.



# BWT bestprotect

## TECHNICAL DATA

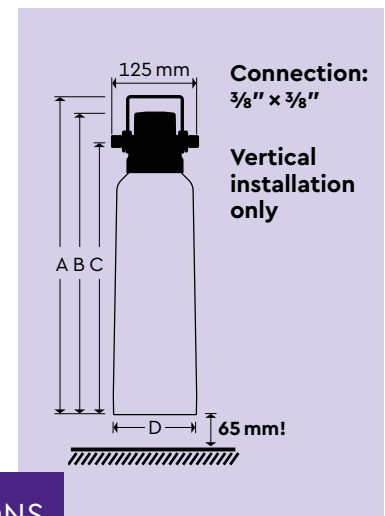
Size	S	V	M	XL	2XL
Height without handle (A) in mm	360	420	475	500	574
Height with handle (B) in mm	385	445	500	530	600
Connection height (C) in mm	310	370	425	450	520
Ø filter cartridge (D) in mm	88	115	130	145	185
Weight in kg (dry/wet)	0,9/1,5	2,1/3,2	2,8/4,2	3,8/6,0	7,5/11,0
Order no. for filter cartridge	FS22N00A00	FS23N00A00	125501405	FS28N00A00	FS30N00A00

## SETTINGS AND CAPACITIES<sup>(1)</sup> (no blend setting)

Hot beverage preparation with steam generation / Combination steamer/oven					
Total hardness <sup>(2)</sup>	Size				
	S	V	M	XL	2XL
≤ 7 °TH	≥ 855	≥ 2140	≥ 3143	≥ 5125	≥ 8570
8 °TH	750	1875	2750	4458	7500
<b>10 °TH</b>	<b>600</b>	<b>1500</b>	<b>2200</b>	<b>3590</b>	<b>6000</b>
12 °TH	505	1250	1833	2620	5000
<b>14 °TH</b>	<b>440</b>	<b>1070</b>	<b>1570</b>	<b>2245</b>	<b>4285</b>
17 °TH	380	880	1294	1850	3525
20 °TH	310	750	1100	1570	3000
23 °TH	240	600	957	1175	2400
≥ 25 °TH	≤ 225	≤ 556	≤ 880	≤ 1090	≤ 2220

<sup>(1)</sup> Capacities may deviate by up to ±5 % depending on the local water quality and volume flow. Please refer to the operating and installation instructions for more detailed capacity figures.

<sup>(2)</sup> °TH = Total hardness. Subject to change.



## OPERATING CONDITIONS

Input pressure: 2–8 bar  
 Water temperature: 4–30 °C  
 Ambient temperature: 4–40 °C

## ACCESSORIES

	Connection	Order number
<b>BWT besthead FLEX filter head</b>	BWT besthead FLEX with 2 connectors 90° elbow, FLEX Insert, M 3/8" made from GFP	FS00Z20A00
<b>BWT besthead FLEX Set 1</b>	BWT besthead FLEX with 2 connectors 90° elbow, FLEX Insert, M 3/8" made from GFP, Connection hose DN 8, 1.5m, with ball valve, FLEX Insert 90° elbow made from GFP, cap nut FM 3/8", Connector straight, FLEX Insert × M 3/8" made from GFP, Reduction FM 3/4" × M 3/8" made from GFP	FS00Z39A00



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