

# BWT bestmax



## The natural ones

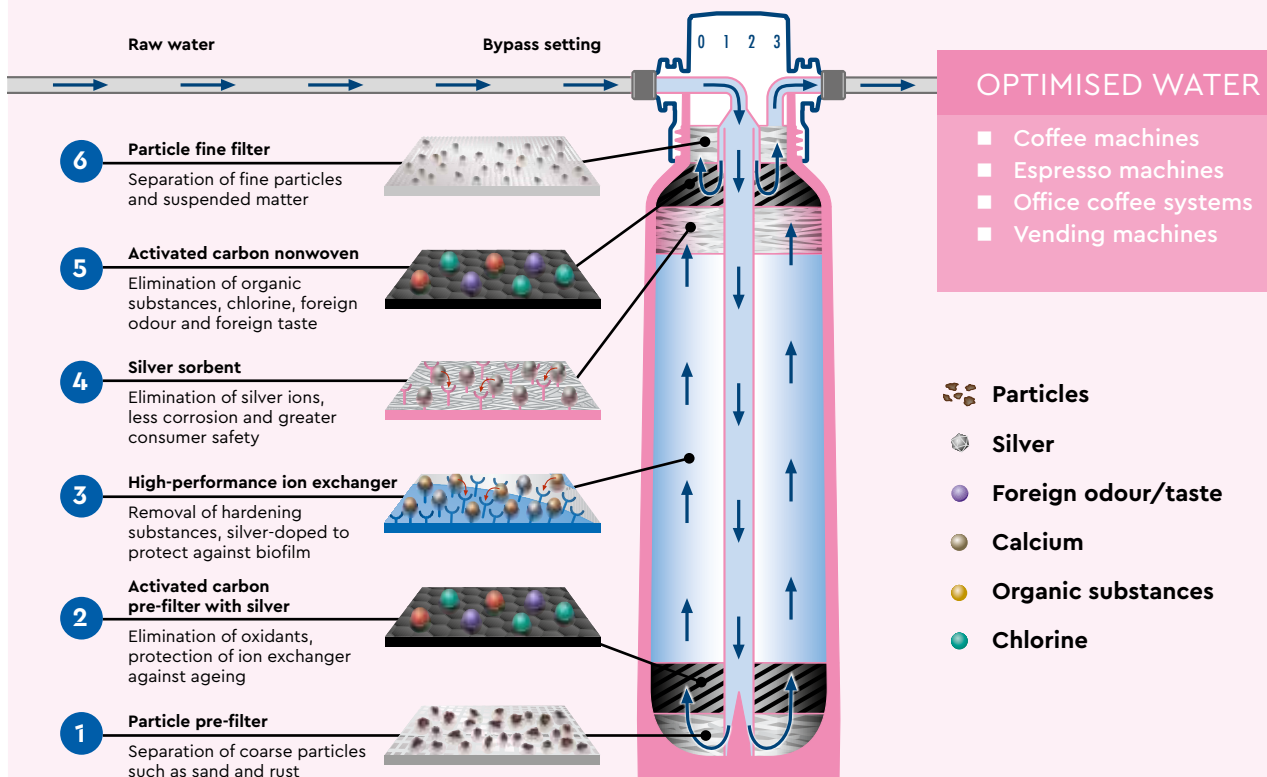
### PURE WATER FOR CATERING AND VENDING

BWT bestmax BALANCE is a filter system that enjoys a top technological position for HORECA applications. This multi-stage filter delivers water of the highest sensory quality for aromatic hot beverages in the sophisticated catering industry. Its filtrate is natural water, low in limescale formers such as  $\text{Ca}^{2+}$  and absolutely free from organic substances, chlorine compounds,  $\text{K}^+$ ,  $\text{Na}^+$ ,  $\text{PO}_4^{3-}$  and  $\text{Ag}^+$ , which is removed using a silver adsorber.

The filter system consists of a filter cartridge with a BWT besthead filter head that is screwed on. The blend partial flow (0-3) is set on the filter head depending on the water hardness and requirement. Check valves in the filter head prevent backflow and uncontrolled water discharge.

BWT bestmax BALANCE food-safe filter systems are pressure-resistant and safe. They can be used worldwide in any drinking water system.

#### BWT BESTHEAD FILTER HEAD



BWT BESTMAX BALANCE FILTER CARTRIDGE

## TECHNICAL DATA

Size	10	15	20	25	30	35	40
Height without handle (A) in mm	280	360	383	420	475	500	500
Height with handle (B) in mm	300	385	448	445	500	530	530
Connection height (C) in mm	230	310	366	370	425	450	450
Ø filter cartridge (D) in mm	88	88	110	115	130	145	145
Weight in kg (dry/wet)	0.65/0.93	0.95/1.45	1.55/2.55	1.75/2.75	2.70/4.25	3.75/6.25	3.83/6.45
Order no. for filter cartridge	FS20G00A00	FS22G00A00	FS25G00A00	FS23G00A00	FS24G00A00	FS26G00A00	FS28G00A00

## SETTINGS AND CAPACITIES/L<sup>(1)</sup>

### Vending, without steam generation

Temporary hardness <sup>(2)</sup>	Blend	Size						
		10	15	20	25	30	35	40
≤ 7°dKH	3	≥ 1320	≥ 2530	4440	≥ 6230	≥ 9520	≥ 12810	≥ 13800
8°dKH	3	1000	2160	3880	5340	8330	11210	12650
<b>10°dKH</b>	<b>3</b>	<b>800</b>	<b>1720</b>	<b>3100</b>	<b>4370</b>	<b>6670</b>	<b>8970</b>	<b>10690</b>
12°dKH	2	640	1540	2590	3530	5170	7300	7830
14°dKH	2	550	1070	1880	2760	4330	5820	6380
17°dKH	2	450	820	1550	2120	3320	4470	5180
20°dKH	1	380	700	1310	1850	2520	3800	4400
23°dKH	1	330	570	1100	1470	2360	3150	3720
≥ 26°dKH	0	≤ 270	≤ 470	≤ 900	≤ 1210	≤ 1940	≤ 2550	≤ 3050

### Hot beverage preparation with steam generation

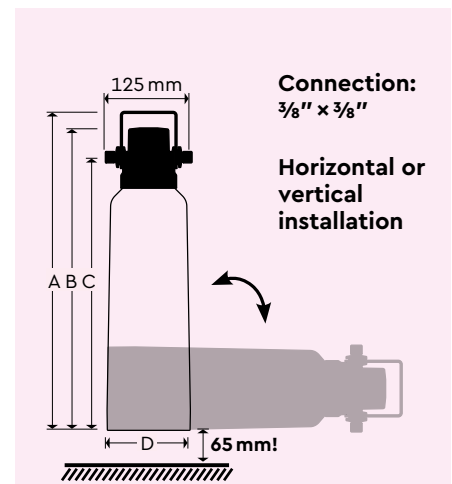
Temporary hardness <sup>(2)</sup>	Blend	Size						
		10	15	20	25	30	35	40
≤ 7°dKH	3	≥ 1150	≥ 2200	3860	≥ 5420	≥ 8280	≥ 11140	≥ 12000
8°dKH	2	870	1870	3380	4650	7250	9750	11000
<b>10°dKH</b>	<b>2</b>	<b>700</b>	<b>1500</b>	<b>2700</b>	<b>3800</b>	<b>5800</b>	<b>7800</b>	<b>9300</b>
12°dKH	1	580	1250	2250	3160	4500	6500	6810
14°dKH	1	420	870	1640	2240	3510	4720	5180
17°dKH	1	350	720	1340	1850	2890	3890	4500
20°dKH	1	290	610	1140	1610	2190	3300	3820
23°dKH	0	240	460	880	1190	1700	2550	3000
≥ 26°dKH	0	≤ 220	≤ 410	≤ 780	≤ 1050	≤ 1550	≤ 2220	≤ 2650

<sup>(1)</sup> Capacities may deviate by up to ±5 % depending on the local water quality and volume flow.

<sup>(2)</sup> °dKH = German temporary hardness  
Subject to change.

## 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, 1.5 m, 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



## OPERATING CONDITIONS

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

## MANUFACTURER:

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 Walter-Simmer-Str. 4  
 A-5310 Mondsee

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