

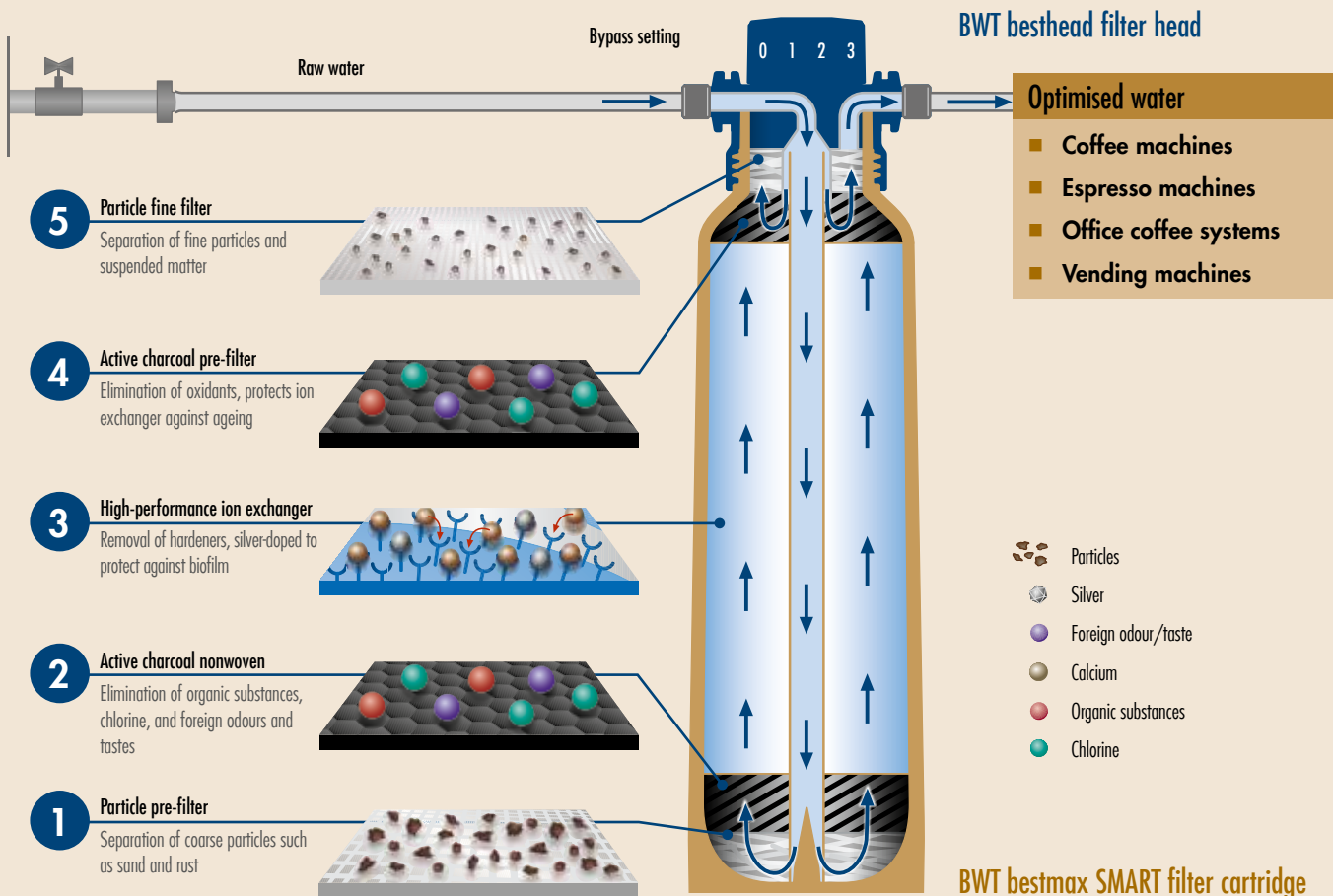
SMART BWT bestmax

Filter system for water optimisation



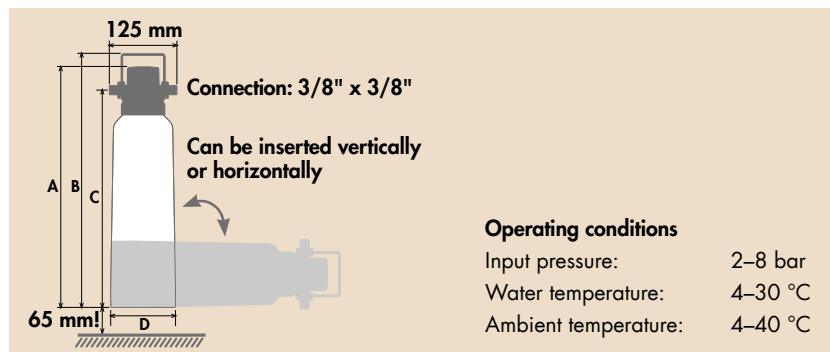
For the efficient production of perfect water for hot beverages

Developed especially for the requirements of coffee specialities and premium teas, the BWT bestmax SMART filter system ensures water of excellent sensory quality. Thanks to its high-end filter level with IEX booster, BWT bestmax SMART delivers optimum filter capacity. The benefits in practice: maximum efficiency, long lifespan and compact filter size. The filtrate is low in limescale formers but is mineralised in the best possible way thanks to the bypass technology that has been developed further. This allows perfect limescale protection and good sensory results. The BWT bestmax SMART filter system consists of the filter cartridge and a BWT besthead filter head screwed on to it. The blend side flow is set on the filter head (0–3) depending on the water hardness and requirements. Non-return valves in the filter head prevent backflow and uncontrolled water leakage. Food-safe BWT bestmax SMART filter systems are pressure resistant and reliable. They can be operated in any drinking water system worldwide.



Technical data

BWT bestmax SMART	Size								
	10	15	20	25	30	35	40	42	45
Height without handle (A) in mm	280	360	395	383	475	502	502	580	580
Height with handle (B) in mm	305	385	448	448	500	527	527	600	600
Connection height (C) in mm	226	306	366	366	421	448	448	520	520
Ø filter cartridge (D) in mm	88	88	110	110	130	147	147	185	185
Weight in kg (dry/wet)	0.5/1.10	0.90/1.50	1.90/2.80	2.10/3.20	2.40/4.20	3.40/5.90	3.80/6.00	5.90/10.00	7.50/11.00
Order no. filter cartridge	FS20G10A00	FS22G10A00	FS25G10A00	FS23G10A00	FS24G10A00	FS26G10A00	FS28G10A00	FS29G10A00	FS30G10A00



Operating conditions

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

Settings and capacities

	Carbonate hardness in °dKH ⁽²⁾	Blend	Filter capacity ⁽¹⁾ in litres								
			10	15	20	25	30	35	40	42	45
Vending, without steam generation	≤7	3	1320	2530	4440	6230	9520	12810	13800	19250	25790
	8	3	1000	2160	3880	5340	8330	11210	12650	17650	23640
	10	3	800	1720	3100	4370	6670	8970	10690	14900	20000
	12	2	640	1540	2590	3530	5170	7300	7830	10900	14630
	14	2	550	1070	1880	2760	4330	5820	6380	8900	11900
	17	2	450	820	1550	2120	3320	4470	5180	7230	9680
	20	1	380	700	1310	1850	2520	3800	4400	6140	8220
	23	1	330	570	1100	1470	2360	3500	3720	5190	6950
≥26	0	270	470	900	1210	1940	2550	3050	4250	5700	

	Carbonate hardness in °dKH ⁽²⁾	Blend	Filter capacity ⁽¹⁾ in litres								
			10	15	20	25	30	35	40	42	45
Hot beverage preparation with steam generation	≤7	3	1150	2200	3860	5420	8280	11140	12000	16750	21900
	8	2	870	1870	3380	4650	7250	9750	11000	15350	20100
	10	2	700	1500	2700	3800	5800	7800	9300	13000	17000
	12	2	580	1250	2250	3160	4500	6500	6810	9500	12450
	14	1	420	870	1640	2240	3510	4720	5180	7250	9470
	17	1	350	720	1340	1850	2890	3890	4500	6280	8220
	20	1	290	610	1140	1610	2190	3300	3820	5330	6980
	23	0	240	460	880	1190	1700	2550	3000	4180	5480
≥26	0	220	410	780	1050	1550	2220	2650	3700	4840	

⁽¹⁾ Capacities may vary by up to ±5 % depending on the local water quality and flow volume. ⁽²⁾ °dKH = German carbonate hardness. Subject to change.

Accessories

	Connection	Length	Order no.
BWT besthead universal filter head	3/8" x 3/8"	–	FS00Y90A00
BWT bestflush ventilation and flushing valve	3/8" x 3/8"	–	FS00Y51A00
BWT Connection hose 1	3/8" x 3/8"	1500 mm	FS00Y01A00
BWT Connection hose 2	3/8" x 3/4"	1500 mm	FS00Y02A00
BWT test kit hot beverages	–	–	YS00Y51A00



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