

BWT bestmax

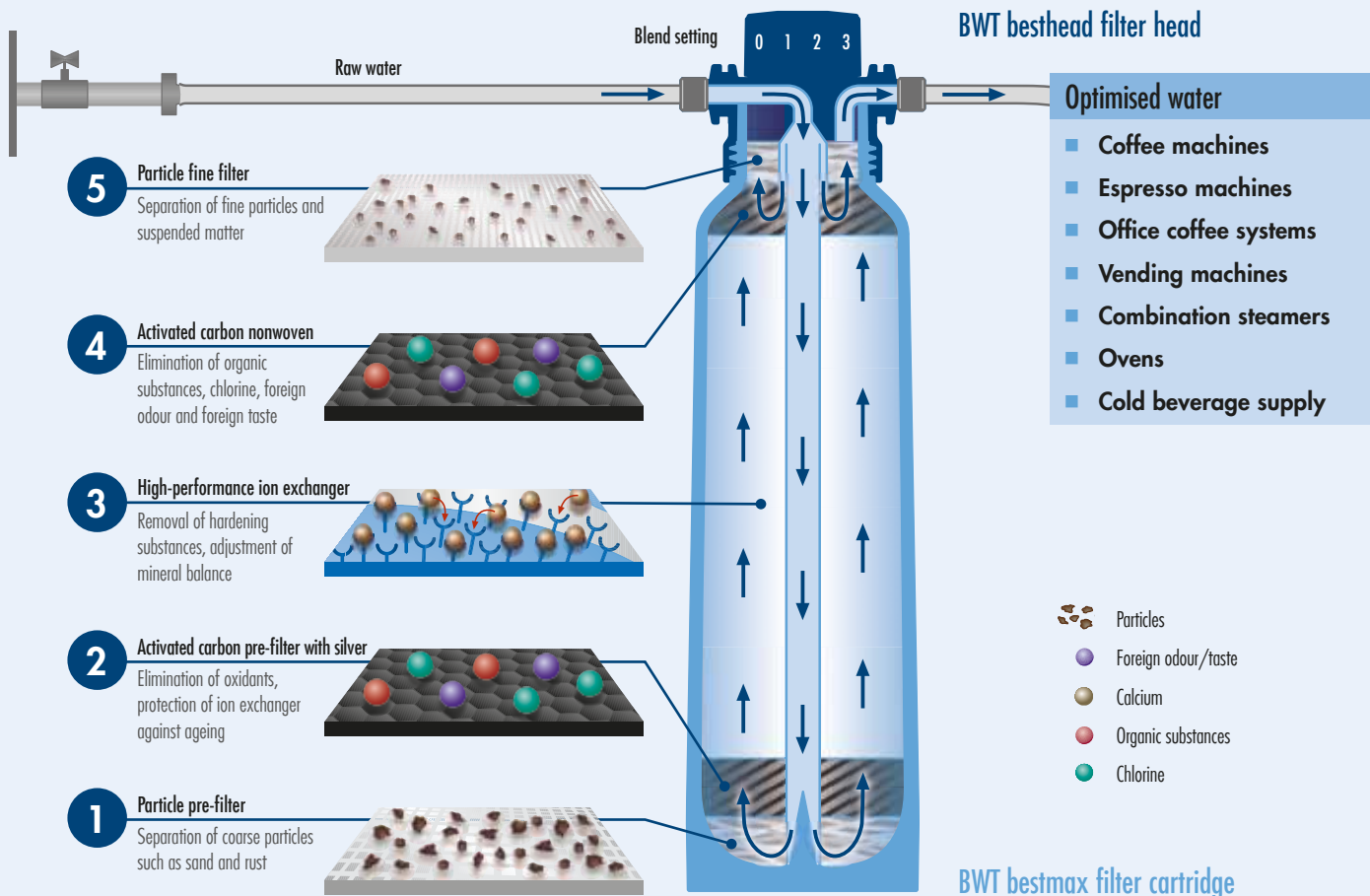
Filter system for water optimisation



For the ideal water in catering and vending machines

Raw water needs to be optimised for the specific requirements of the catering industry (HORECA). BWT bestmax provides you with a universal filter system that fulfils this task simply and efficiently.

The filter system consists of a filter cartridge with five filter levels and a BWT besthead filter head (see graphic) 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 the water from flowing back into the drinking water mains or filter cartridge and protect against uncontrolled water discharge. BWT bestmax food-safe filter systems are pressure-resistant and safe. They can be used worldwide in any drinking water system.



Technical data

BWT bestmax	X	S	V	Size			
				M	L	XL	2XL
Height without handle (A) in mm	280	360	420	475	500	500	574
Height with handle (B) in mm	300	385	445	500	530	530	600
Connection height (C) in mm	230	310	370	425	450	450	520
Ø filter cartridge (D) in mm	88	88	115	130	145	145	185
Weight in kg, (dry/wet)	0.5/1.1	0.9/1.5	2.1/3.2	2.4/4.2	3.4/5.9	3.8/6.0	7.5/11.0
Order no. for filter cartridge	FS20100A00	FS22100A00	FS23100A00	FS24100A00	FS26100A00	FS28100A00	FS30100A00

Settings and capacities

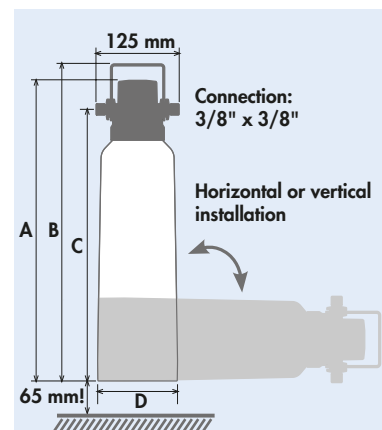
	Temporary hardness in °dKH ⁽³⁾	Blend	Filter capacity ⁽¹⁾ in litres						
			X	S	V	M	L	XL	2XL
Vending, without steam generation	≤7	3	≥1025	≥1710	≥4285	≥6510	≥8910	≥11655	≥20570
	8	3	900	1500	3750	5700	7800	10200	18000
	10	3	720	1200	3000	4560	6240	8160	14400
	12	3	600	1000	2500	3800	5200	6800	12000
	14	3	510	855	2140	3255	4455	5825	10285
	17	3	420	705	1765	2680	3670	4800	8470
	20	3	360	600	1500	2280	3120	4080	7200
	23	3	310	520	1300	1980	2710	3545	6260
	≥25	2	≤255	≤430	≤1075	≤1635	≤2235	≤2925	≤5160

	Temporary hardness in °dKH ⁽³⁾	Blend	Filter capacity ⁽¹⁾ in litres						
			X	S	V	M	L	XL	2XL
Hot beverage preparation with steam generation	≤7	3	≥855	≥1425	≥3570	≥5425	≥7425	≥9710	≥17140
	8	3	750	1250	3125	4750	6500	8500	15000
	10	3	600	1000	2500	3800	5200	6800	12000
	12	2	445	745	1865	2835	3885	5080	8965
	14	2	380	640	1600	2430	3330	4355	7685
	17	1	265	445	1115	1695	2320	3030	5355
	20	1	225	375	945	1440	1970	2575	4550
	23	1	195	330	825	1250	1715	2240	3955
	≥25	1	≤180	≤300	≤755	≤1150	≤1575	≤2060	≤3640

	Temporary hard- ness in °dKH ^[3]	Blend	Filter capacity ^[1, 2] in litres							
			X	S	V	M	L	XL	2XL	
Combination steamer/oven and ice cube maker	≤7	0 (1)	≥590 (≥650)	≥985 (≥1080)	≥2460 (≥2710)	≥3740 (≥4115)	≥5120 (≥5635)	≥6700 (≥7370)	≥11820 (≥13000)	
	8	0 (1)	515 (565)	860 (945)	2155 (2370)	3275 (3600)	4480 (4930)	5860 (6445)	10345 (11375)	
	10	0 (1)	410 (455)	690 (755)	1720 (1895)	2620 (2880)	3585 (3945)	4690 (5155)	8270 (9100)	
	12	0 (1)	345 (375)	575 (630)	1435 (1580)	2180 (2400)	2985 (3285)	3905 (4295)	6895 (7585)	
	14	0 (1)	295 (325)	490 (540)	1230 (1355)	1870 (2055)	2560 (2815)	3350 (3685)	5910 (6500)	
	17	0 (1)	240 (265)	405 (445)	1010 (1115)	1540 (1695)	2105 (2320)	2755 (3035)	4865 (5355)	
	20	0 (1)	205 (225)	345 (380)	860 (945)	1310 (1440)	1790 (1970)	2345 (2580)	4135 (4550)	
	23	0 (1)	180 (195)	300 (330)	750 (825)	1140 (1250)	1555 (1715)	2035 (2240)	3595 (3955)	
	≥25	0 (1)	≤165 (≤180)	≤275 (≤300)	≤690 (≤755)	≤1045 (≤1150)	≤1430 (≤1575)	≤1875 (≤2060)	≤3310 (≤3640)	

Accessories

	Connection	Length	Order number
BWT besthead universal filter head	3/8" x 3/8"	—	FS00Y00A00
BWT bestflush ventilation and flushing valve	3/8" x 3/8"	—	FS00Y51A00
Connection hose	3/8" x 3/8"	1500 mm	FS00Y01F00
Connection hose	3/8" x 3/4"	1500 mm	FS00Y02F00
BWT test kit for hot beverages	—	—	YS00Y01A00



Operating conditions

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



⁽¹⁾ Capacities may deviate by up to ±5% depending on the local water quality and volume flow. ⁽²⁾ Default blend setting = 1. For devices sensitive to limescale, blend setting = 0. This reduces the capacities stated by approx. 10%. ⁽³⁾ °dKH = German temporary hardness. Subject to change.

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