

# BWT bestmax



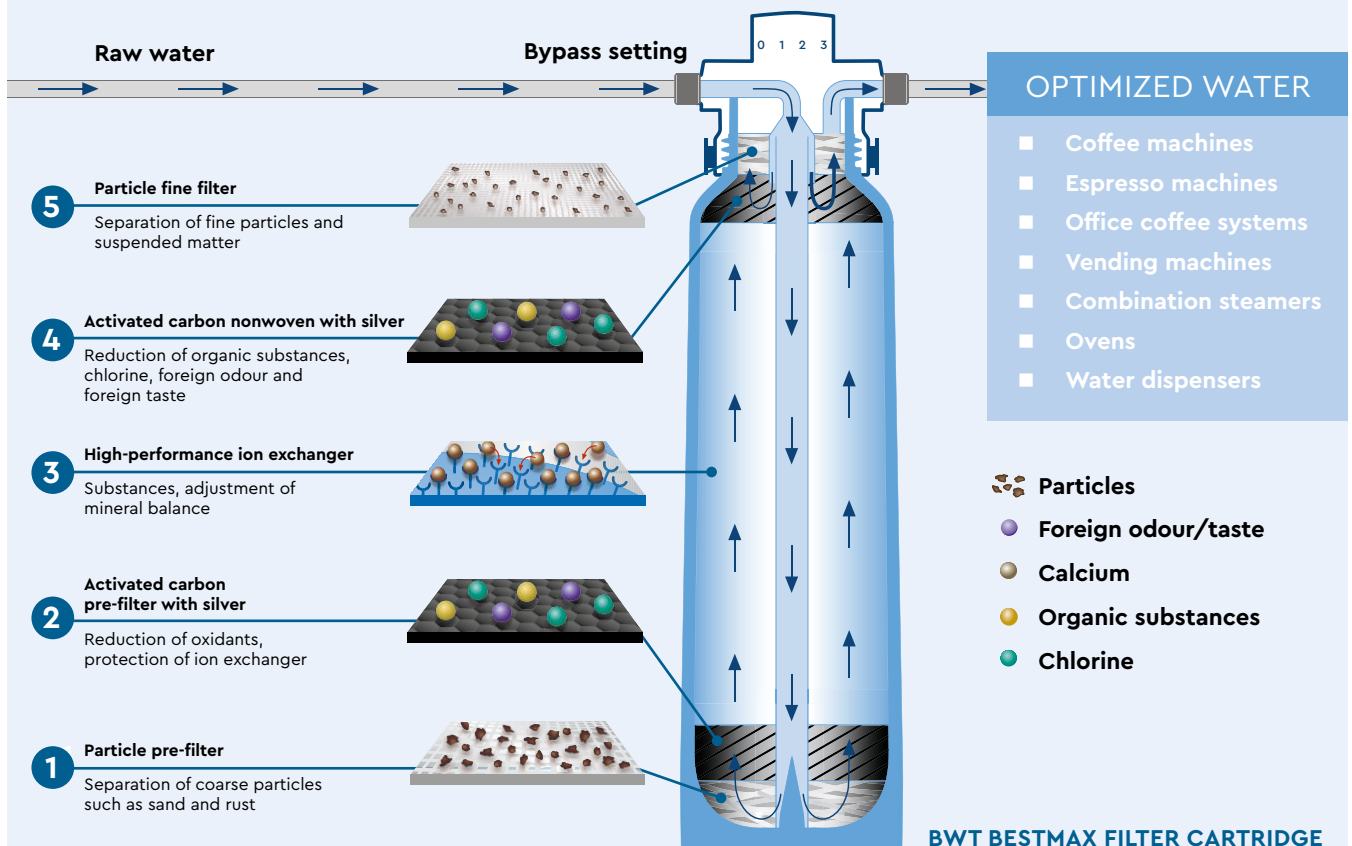
## The all-rounders

### FILTER SYSTEM FOR WATER OPTIMIZATION

Raw water needs to be optimized for the specific requirements of the catering industry (HORECA). BWT bestmax provides you with an 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 bypass (0-3) is set on the filter head depending on the water hardness and requirement. Non-return 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.

#### BWT BESTHEAD FILTER HEAD



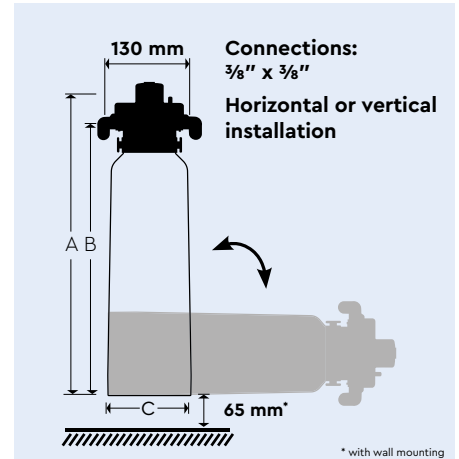
## TECHNICAL DATA

Size	X	S	V	M	L	XL	2XL
Total height without bracket (A) in mm	287	368	429	485	512	512	576
Connection height (B) in mm	226	307	368	424	451	451	515
Ø filter cartridge (C) in mm	88	88	110	130	147	147	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/L<sup>(1)</sup>

Vending, without steam generation		Size						
Temporary hardness (alcalinity)	Bypass	X	S	V	M	L	XL	2XL
≤ 7	3	≥ 1025	≥ 1710	≥ 4285	≥ 6510	≥ 8910	≥ 11655	≥ 20570
8	3	900	1500	3750	5700	7800	10200	18000
<b>10</b>	<b>3</b>	<b>720</b>	<b>1200</b>	<b>3000</b>	<b>4560</b>	<b>6240</b>	<b>8160</b>	<b>14400</b>
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

Hot beverage preparation with steam generation		Size						
Temporary hardness (alcalinity)	Bypass	X	S	V	M	L	XL	2XL
≤ 7	3	≥ 855	≥ 1425	≥ 3570	≥ 5425	≥ 7425	≥ 9710	≥ 17140
8	3	750	1250	3125	4750	6500	8500	15000
<b>10</b>	<b>3</b>	<b>600</b>	<b>1000</b>	<b>2500</b>	<b>3800</b>	<b>5200</b>	<b>6800</b>	<b>12000</b>
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



## OPERATING CONDITIONS

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

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

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

<sup>(2)</sup> Default bypass setting = 1. For devices sensitive to limescale, blend setting = 0. This reduces the capacities stated by approx. 10 %. Subject to change.

## ACCESSORIES

	Description	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	<b>FS00Z20A00</b>
<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 x M 3/8" made from GFP, Reduction FM 3/4" x M 3/8" made from GFP	<b>FS00Z39A00</b>

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