



**BWT bestdemin**  
best water technology

**BWT**  
water + more

## Water optimisation by total demineralisation



- For virtually salt free water
- Protection against any salt deposits

Minerals in the water are very important for many applications, for example preparation of hot drinks. In opposite, for some other needs water virtually salt free is needed in order to ensure perfect operation of special equipment.

### BWT bestdemin filter cartridges

Typical applications are for

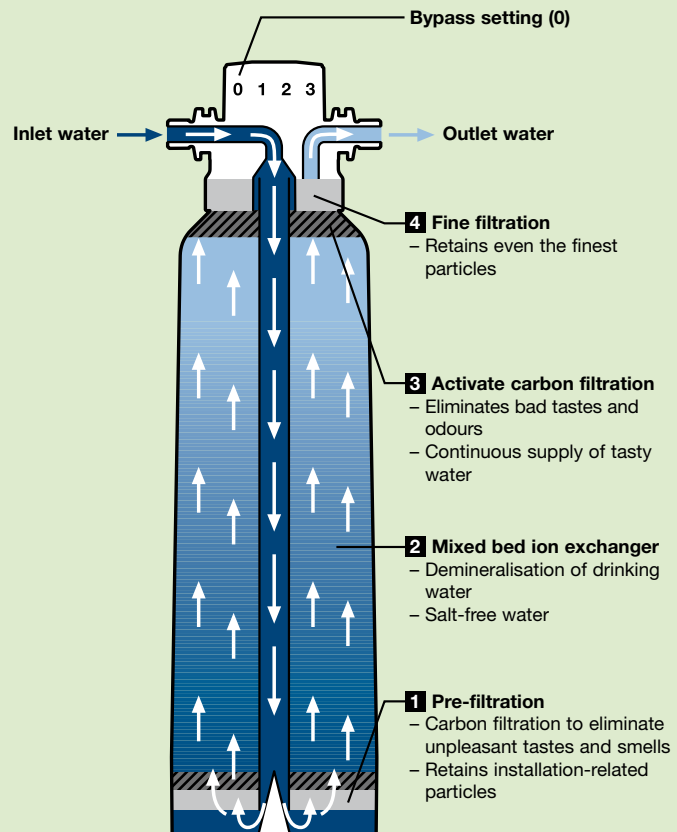
- Sterilizing ovens
- Evaporators, steam autoclaves
- Steam generation in general

In addition, BWT bestdemin filter cartridges are used in

- Further reduction of conductivity after reverse osmosis systems
- Protection of very small tubes against any salt deposits

### Top Technology

- Special BWT filter medium for total demineralisation
- Ensures conductivity lower  $50 \mu\text{s}/\text{cm}^2$
- Easy to install and exchange filter system
- Simple one-way system

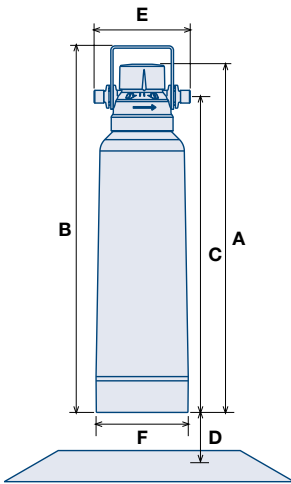


Structure of a BWT bestdemin filter cartridge

## BWT bestdemin – part of an extensive product range

The BWT water+more solution can satisfy almost any water optimisation requirement in the catering sector. All products feature a tried and tested universal filter head that includes an automatic shut-off valve, return valve as standard and bypass setting directly on the filter head. Each filter cartridge is compact and space-saving and can be replaced quickly and easily.

## Technical data\*



\*Subject to change without notice.  
\*\*max. 12 months

Conductivity in $\mu\text{S/cm}$	Filter capacity in litres
200	1049
300	872
400	715
500	590
600	494
700	410
800	337
900	272
1000	215
1100	163
1200	115

BWT bestdemin Type	XL
Connection thread (in/out)	3/8"
Nominal flow [l/h]	180
Pressure loss at the nominal flow rate [bar]	0,8
Typical capacity based on the conductivity at 500 $\mu\text{S/cm}$ in [litres]	590**
Particle filtration [ $\mu\text{m}$ ]	20
Useful pressure range, min. -max. [ $^{\circ}\text{C}$ ]	2-8
Flow pressure [bar]	> 1,2
Water temperature, min. -max. [ $^{\circ}\text{C}$ ]	4-30
Ambient temperature during operation, min. -max. in $^{\circ}\text{C}$	4-40
Ambient temperature during storage/transportation [ $^{\circ}\text{C}$ ]	-20-50
Total height without bracket A [mm]	500
Total height with bracket B [mm]	530
Connection height C [mm]	450
Distance from floor D [mm]	65
Installed length E [mm]	125
Filter cartridges $\varnothing$ F [mm]	145
Weight (dry/wet) (approximate) [kg]	4/6
Mass without filter head	4300 g (dry)
Pressure loss at 30 l/h	0,15 bar
Pressure loss at 60 l/h	0,20 bar
Pressure loss at 180 l/h	0,60 bar
Rinsing at start-up: 3 bed volumes (approx. 10 litres)	
Filling material: mixed bed ion exchange material and activated carbon	
Conductivity max (max capacity)	50 $\mu\text{S/cm}$
Order number for Installation Set	FS28N01A00
Order number for filter cartridge	FS28N00A00

### Delivery Scope (First Installation Set)

- Filter Cartridge XL
- Universal filter head with  $\frac{3}{8}$ " external thread (incl. bypass setting and return valve)
- Wall mounting (without fixing material)
- Installation and Operating Instructions

### Accessories

- Connecting hose 1500 mm
- Order No.:**  
**FS00Y01F00** ( $\frac{3}{8}$ " x  $\frac{3}{8}$ " )  
**FS00Y02F00** ( $\frac{3}{8}$ " x  $\frac{3}{4}$ " )



- BWT bestflush plus water meter with integral  $\frac{3}{8}$ " AG x  $\frac{3}{8}$ " flush valve with nut, external display for fixing on the wall  
**Order No.: FS00Y10A00**
- BWT bestflush  $\frac{3}{8}$ " AG x  $\frac{3}{8}$ " flush valve with nut, with flush and isolating function  
**Order No.: FS00Y04A00**
- Hot drinks test kit to determine the carbonate hardness and total hardness of drinking water  
**Order No.: YS00Y01A00**

### Capacity

The following table shows the typical filter capacity based on the conductivity of your water.

Bypass-setting = 0.

## The world's most innovative product range!

**BWT bestmax** – economical protection against scale, ensuring the best possible taste

**BWT bestmax PREMIUM** – innovative protection against scale with the unique AromaPlus formula

**BWT besttaste** – clear, particle-free water with activated carbon filtration

**BWT bestmin** – perfect mineralisation for your water

**BWT bestprotect** – optimal protection against scale and corrosion

**BWT bestdemin** – demineralisation for virtually salt-free water

**BWT besteam EXTRA** – perfect pure steam even with high salt content



### Water optimisation from BWT water+more for:

- Coffee machines
- Vending machines
- Ovens/Combi steamers
- Ice-cube machines
- Dishwashers

Why not ask about a customised solution?

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