

## Ion based demineralisation filter



Both filters provide water of very high quality and low conductivity < 0.5 µS/cm.

### The benefits of Bestdemin:

- High capacity disposable filter
- Universal Bestmax filter head with bypass function
- Produced in accordance with HACCP standard
- Flow reduction max 1,6 l/min

### The benefits of Demi-Mix:

- High capacity
- The filter is regenerated by BWT in Greve
- BWT's service technician performs the replacement

### Problem free demineralisation

Ion based demineralisation of raw water and permeate. The water is purified via a cation and anion-filter mass.

When the water is passed through the ion exchanger the water content of cation and anion is exchanged with, respectively, H<sup>+</sup> and OH<sup>-</sup>, which together gives H<sub>2</sub>O.

The ion exchange occurs several times as the water flows through the filter. It means that you can achieve a very low salt content, typically < 0.5 µS/cm.

### Typical application areas:

- Laboratories
- Chemistry premises
- Dentists
- Humidifiers
- Moisture water at printers
- Further treatment of permeate water

### Technical data:

	Unit	Bestdemin PLUS V	Bestdemin PLUS XL	Bestdemin PLUS 2XL	Demi-mix 821/822	Demi-mix 1029/1030
Capacity per exchange at 20 µS/cm*	litre	1110	3600	5000	10,200	23,000
Capacity per exchange at 1000 µS/cm*	litre	45	145	240	510	1150
Flow	l/min	1,0	1,0	1,0	18	25
Temperature max.	°C	30			35	
Water pressure max.	bar	8			6	
Regeneration method		Replacement of filter				
Height	mm	420	500	580	620	820
Diameter	mm	110	145	185	220	265
Connection	"	3/8			½	
Outlet	"	3/8			½	
Dry weight	kg	2,1	4	7,5	13	26
Product No. incl. conductivity meter		-	-	-	421018220	421018300
Product No. incl. green and red LED alarm		-	-	-	421018201	421018291
Product number on the filter/exchange		-	421018051	421018052	421010001	421010003

\*Capacity is a guideline – it will vary depending on the water composition.

### BWT HOH A/S

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