

PLUS

BWT bestdemin

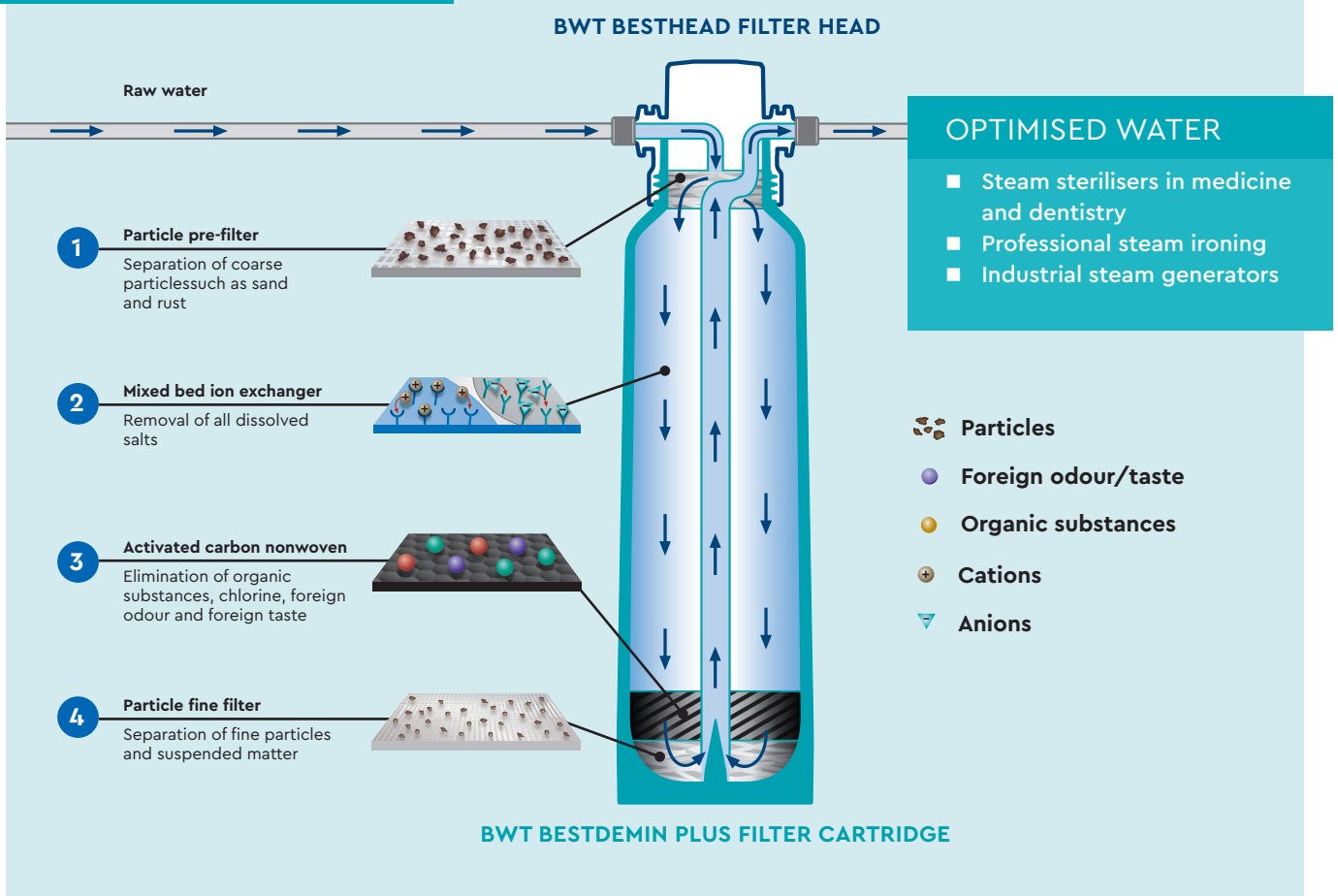


The laboratory experts

FOR DEMINERALISED WATER

Technical and medical applications demand demineralised water, which can be produced simply and efficiently from drinking water with our BWT bestdemin PLUS filter system. A mixed bed ion exchanger rids the raw water of all dissolved salts. The resulting fully desalinated and demineralised water corresponds to DIN EN 13060 and DIN EN 285 and is suitable for a range of uses. It can be used in laboratories to set up reagents professionally or to clean devices without residue. It is essential for steam generation in sterilisers for medicine and dentistry, as it completely prevents salt deposits. This filter also protects devices for professional steam ironing in laundries.

BWT bestdemin PLUS is operated without waste. Valves in the filter head prevent backflow into the drinking water line or filter cartridge and prevent water from escaping. BWT bestdemin PLUS food-safe filters are pressure-resistant and safe. They can be operated on any drinking water system worldwide.



TECHNICAL DATA

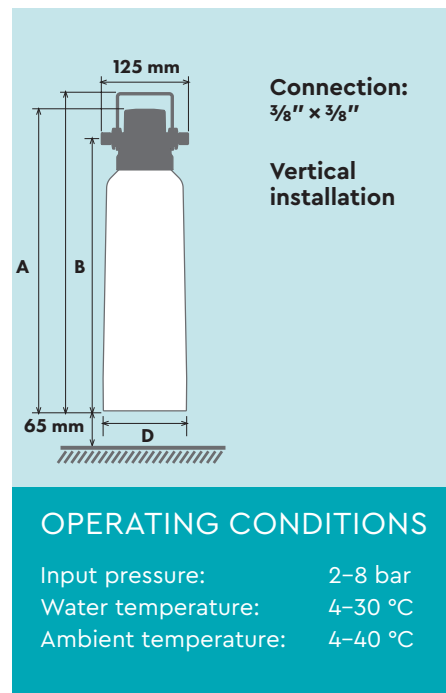
Size	V	XL
Height (A) in mm	410-420	492-502
Connection height (B) in mm	366	448
Ø filter cartridge (D) in mm	110	147
Weight in kg (dry/wet)	0,9/1,5	3,9/5,6
Volume flow max. in l/h	100	100
Order no. for filter cartridge	428123220	421018051

SETTINGS AND CAPACITIES/L⁽¹⁾

Steam sterilisers / Steam ironing / Steam generators		
Conductivity of demineralised water ⁽²⁾	Size	
	V	XL
≤ 5 µS/cm ⁽³⁾	85	290
≤ 15 µS/cm ⁽⁴⁾	110	360

⁽¹⁾ Capacities may vary by up to ±5 % depending on the local water quality and volume flow. ⁽²⁾ at a raw water conductance of 500 µS/cm. ⁽³⁾ DIN EN 285. ⁽⁴⁾ DIN EN 13060. Subject to change.

Learn how to install the Bestdemin PLUS filter in just a few minutes



ACCESSORIES

	Connection	Order number
BWT besthead FLEX filter head	BWT besthead FLEX with 2 connectors 90° elbow, FLEX Insert, M 3/8" made from GFP	428124200
BWT flex 3 installation set	BWT besthead FLEX, Hose Flex elbow, Hose flex straight, Waterblock, Nipple sleeve w. gasket.	656525585



EFFECTIVE REVERSE OSMOSIS SYSTEMS FOR LABORATORY TECHNOLOGY



Need for higher capacity?

If you need a higher capacity of demineralized water, the Bestdemin PLUS filter can either be combined or replaced with a small compact reverse osmosis plant. The appropriate solution depends on the required conductivity of the demineralised water.

Reverse osmosis is a membrane filtration process which, combined with a high water pressure, removes dissolved substances as limescale and heavy metals. Only the very pure water molecules slip through.

The fine pores in the membrane retains even the smallest microorganisms like bacteria and ensure that dissolved substances are removed almost completely..

MANUFACTURER:

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