

“Point of Entry” Solution

Bacteria Filter Installation Set



Bacteria filter system for microbiologically safe potable water

This filter system removes all water based germs and bacteria, including but not limited to: Legionella Pneumophila, Legionella spp., Escherichia coli (E-coli), Pseudomonas aeruginosa, Amoeba-associated bacteria, Fungi, Mycobacterium, Vibrio cholera, Streptococci, Cryptosporidium. The automatic cleaning system cleans the filter and flushes all removed germs and bacteria to the sewer.



100% Microbiologically safe potable water

All bacteria are removed from the water in the bacteria filter which guarantees 100% microbiologically safe potable water.



Medical Appliance

The filter has been tested for use in hospitals.



Easy installment

The filter is easy to install and swap out for maintenance.



Removes Microplastics

This filter also removes micro plastics up to 0.01 micron



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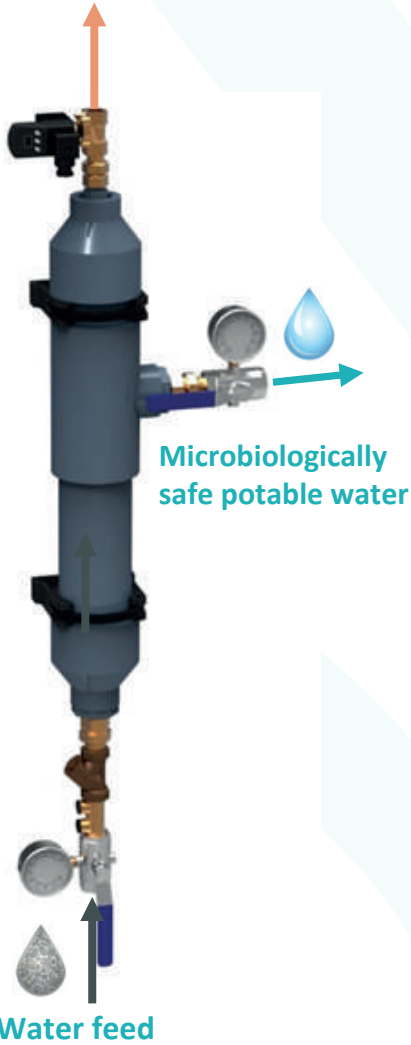
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Removed bacteria are flushed to the sewer



Type	Capacity	Connections BSP BD			Dimensions L x W
		Feed	Exhaust	Flush	
D2D KIT-5	5 l/min	½"	½"	½"	97 x 20 cm
D2D KIT-8	8 l/min	¾"	¾"	½"	96 x 24 cm
D2D KIT-12	12 l/min	¾"	¾"	½"	99 x 26 cm
D2D KIT-17	17 l/min	¾"	¾"	½"	102 x 26 cm
D2D KIT-25	25 l/min	¾"	¾"	½"	120 x 26 cm
D2D KIT-30	30 l/min	¾"	¾"	½"	151 x 28 cm
D2D KIT-33	33 l/min	1"	1"	½"	126 x 30 cm
D2D KIT-42	42 l/min	1"	1"	½"	128 x 32 cm
D2D KIT-50	50 l/min	1"	1"	½"	130 x 33 cm
D2D KIT-67	67 l/min	1"	1"	½"	132 x 36 cm
D2D KIT-83	83 l/min	1"	1"	½"	160 x 36 cm

Technical specifications

Filtration Type	Ultra filtration
Filter housing material	PVC-U
Membrane Material	Polyethersulphone
Max Water Temperature	40 °C
Average pressure loss across the filter	0,8 to 1,2 bar
Min/Max pressure	2 to 6,5 bar
Pore size	0,03 micron
Average filter life	3 to 5 years*
Catch yield for bacteria	99,9999% (log 6)
Catch yield for Viruses	99,99% (log 4)
Filter cleaning	Automatic self-cleaning by forward flush
Flushing time and frequency	Adjustable
Voltage	240V AC

*Depending on local water quality

The system will be delivered as an installation set, including:

- Ultrafiltration module
- 2 pipe clamps for wall mounting
- 2 manual valves
- 2 pressure valves
- pre-filter
- check valve

