

S-SERIES WATER FILTERS

Improved taste and reliable limescale protection for appliances prone to limescale buildup, such as food steamers

S



PRODUCT DATA SHEET

Applications

Our S-series filters contain high-capacity ion exchangers in order to offer maximum limescale protection. They are especially suitable for appliances that produce hot water or steam, such as food steamers, vending machines, and dishwashers.

Benefits

- Optimal protection for appliances prone to limescale buildup
- Extended operating life and continuous, interruption-free performance of your appliances
- Easy replacement without turning off the water supply (auto shut-off function)
- Bypass function with seven settings that uses our patented DuoBlend® technology
- Integrated protection against microbial contamination
- Certified for food contact

Particle filters

Specially selected filter fleeces hold back dirt and particles, thus providing lasting filter protection even when water quality is poor.

Activated carbon

Thanks to their enormous surface area, our activated carbon components are able to remove undesired substances such as chlorine and organic contaminants and they eliminate unpleasant odors. We select and combine different types of activated carbon to meet each application's specific requirements.

Ion exchangers

Ion exchangers reduce water hardness and thus prevent limescale deposits. Depending on the type of filter used, partial demineralization (decarbonization) can also be achieved. In addition, ion exchangers reduce toxic heavy metals such as lead.

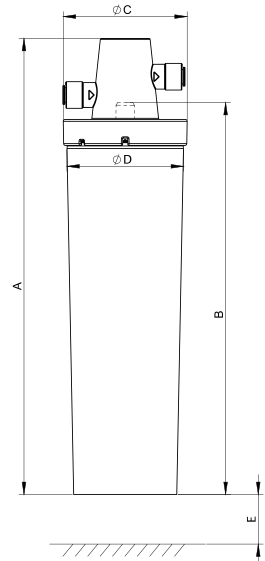
Fine and microplastic filters

Active carbon block and microfiltration modules efficiently remove even the smallest particles and impurities. At the same time, they form a second line of defense for holding back organic contaminants.



CLAROSWISS® S-series water filters

Dimensions	Unit	170	250	500	1000	1500	2000
Internal filter volume	l	0.9	1.2	1.7	3.2	4.4	6.7
Filter height incl. filter head (A)	mm	295	365	475	410	525	525
Filter height (B)	mm	245	315	425	360	475	475
Max. filter head diameter (C)	mm	100	100	100	100	100	100
Max. filter diameter (D)	mm	95	95	95	136	136	175
Space for filter replacement (E)	mm	40	40	40	40	40	40
Weight	kg	0.9	1.3	1.8	3.2	4.3	6.5



Operating information	Unit	170	250	500	1000	1500	2000
Operating pressure (without pressure surges)		2-8 bar (29-116 psi)					
Water temperature		4-30°C (39-86 °F)					
Normal flow range*	l/h	15-120	15-120	15-120	15-240	15-240	15-240
Flow rate at a 0.5 bar drop in pressure	l/h	>150	>150	>150	>150	>150	>150
Installation position		vertical, horizontal					
Bypass system		7 settings (0-60%)					

*For short-term consumption, a higher flow rate is possible

Capacity (in l)	°dH*	°Clarke (GB)*	PPM*	°FH*	Bypass level	170	250	500	1000	1500	2000
Coffee/Esspresso	10	13	179	18	4	1100	1500	2500	4600	6600	11000
Vending	10	13	179	18	5	1320	1700	3000	5600	8000	13200
Boiler systems	10	13	179	18	2	830	1130	1880	3500	5000	8250
Steamer	10	13	179	18	0	660	900	1500	2800	4000	6600

*Carbonate hardness

Applications



Hot beverages



Steamer



Dish washer



A brand of
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Still waters run deep.

Make sure they also run pure.

We are a Swiss company with over 25 years of expertise in developing and producing customized water purification solutions for a wide range of applications and needs. Our service portfolio spans the development, design, and manufacturing of our products as well as their certification. Many of our technologies are patented and thus uniquely able to provide added value for our clients. The secret to our success lies in our passion for water – a passion that drives us to pursue the highest standards of quality day in and day out.