

C-SERIES WATER FILTERS

Optimal machine protection, improved taste,
maximum output, and retention of valuable minerals



PRODUCT DATA SHEET

Applications

Our C-series filters were developed with the purpose of satisfying the strict requirements of food service applications. Especially suitable for coffee machines, these filters enable you to achieve the perfect taste of coffee while protecting your machine.

Benefits

- Strong device protection combined with maximum output
- Perfect taste thanks to our patented mineral-stabilization technology
- 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.

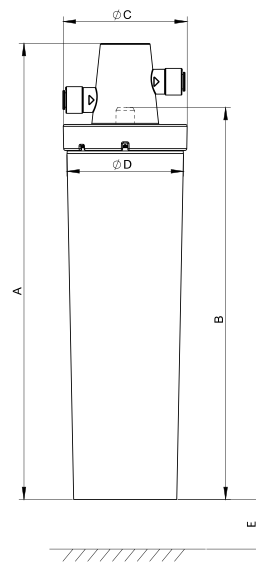
Mineral stabilization

Valuable minerals such as calcium and magnesium are partially retained. Calcium, which forms limescale, is converted into a soluble form by our patented mineral stabilization technology in order to prevent limescale deposits.



CLAROSWISS® C-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
Vending/Ice maker	10	13	179	18	6	1700	2500	4200	8500	12100	20000
Coffee/Espresso	10	13	179	18	6	1500	2250	3750	7000	10000	16500

*Carbonate hardness

Applications



Hot beverages



Ice/Cold beverages



Vending



Residential/Office

A brand of
ACLARIS Water Innovations GmbH, Lindau, Germany

ACLARIS.

Switzerland

ACLARIS Water Innovations GmbH
Lindau, Zweigniederlassung Rebstein
Balgacherstrasse 20, CH-9445 Rebstein
+41 71 775 92 40, service@aclaris-water.com

Germany

ACLARIS Water Innovations GmbH
Wackerstrasse 9, D-88131 Lindau
+49 8282 2792700, service@aclaris-water.com

Austria

ACLARIS Water Innovations GmbH
Dorfstrasse 36/F, A-5101 Bergheim
+49 8282 2792700, service@aclaris-water.com

China

ClaroSwiss Filtration Technology (Shanghai) Co., Ltd.
ACLARIS APAC
Swiss Center Shanghai
A302, Building 3, No. 526, 3rd East Fute Road
Shanghai Pilot Free Trade Zone
200131, P.R. of China
+86 21 2076 5688
info@claroswiss.com, claroswiss.cn

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.