

## T-SERIES WATER FILTERS

Complete demineralization through removal  
of all ionic compounds



# PRODUCT DATA SHEET

---

## Applications

Our T-series filters are used wherever there is zero tolerance for residue. They demineralize water to produce the ultrapure quality necessary for use in laboratories or industrial applications.

## Benefits

- Maximum protection for sensitive instruments and devices
- Easy replacement without turning off the water supply (auto shut-off function)
- 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.

---

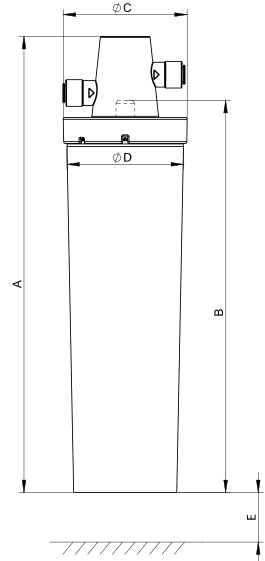
### Ion exchangers

Anion and cation exchangers completely desalinate water. All ionic components are removed, which is why we also speak of deionized water.



## CLAROSWISS® T-series water filters

Dimensions	Unit	170	250	500	1000	1500	2000
Internal filter volume	<b>l</b>	-	1.2	-	-	4.4	6.7
Filter height incl. filter head (A)	<b>mm</b>	-	365	-	-	525	525
Filter height (B)	<b>mm</b>	-	315	-	-	475	475
Max. filter head diameter (C)	<b>mm</b>	-	100	-	-	100	100
Max. filter diameter (D)	<b>mm</b>	-	95	-	-	136	175
Space for filter replacement (E)	<b>mm</b>	-	40	-	-	40	40
Weight	<b>kg</b>	-	1.3	-	-	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*	<b>l/h</b>	-	15-120	-	-	15-240	15-240
Flow rate at a 0.5 bar drop in pressure	<b>l/h</b>	-	>150	-	-	>150	>150
Installation position		vertical					
Bypass system		7 settings (0-60%)					

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

Capacity (in l)	Conductivity feed water	Bypass level	170	250	500	1000	1500	2000
Lab/Industrial	300 µS/cm	0	-	80	-	-	450	750

### Applications



Lab/Medical



Industrial



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](mailto:service@aclaris-water.com)

## Germany

ACLARIS Water Innovations GmbH  
Wackerstrasse 9, D-88131 Lindau  
+49 8382 2792700, [service@aclaris-water.com](mailto:service@aclaris-water.com)

## Austria

ACLARIS Water Innovations GmbH  
Dorfstrasse 36/F, A-5101 Bergheim  
+49 8382 2792700, [service@aclaris-water.com](mailto: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](mailto:info@claroswiss.com), [claroswiss.cn](http://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.