

## PUROFILL colorguard

### Heating water refill system for small heating systems

#### Description

PUROFILL colorguard is a compact water filter system for the complete demineralisation of water for the refilling of heating systems.

The PUROFILL colorguard filter system is designed for use in small heating systems where small quantities of fully demineralised water of reliable quality are required.

The capacity of the water filter system can be easily monitored thanks to the transparent filter cup and the ion exchanger with color indicator. At the end of capacity, the high-quality ion exchange resin changes color.

In this case, the desalination function can be restored in a few simple steps by replacing an internal filter cartridge.



<b>Application</b>	demineralisation of refill water for heating systems according to VDI 2035, SWKI and ÖNORM H 5195-1, demineralised water for cleaning, steam generation or laboratory
<b>Operating temperature</b>	4 to 45°C
<b>Operating pressure</b>	max. 8 bar
<b>Material</b>	PET (filter cup), reinforced PP (Filter head), reinforced PA (Connection group)
<b>ideal flow</b>	0.5 l/min – PUROFILL colorguard 10 1 l/min – PUROFILL colorguard 20 2 l/min – PUROFILL colorguard 20du

**User notice** At high flow rates, the desalination performance.

**Installation notice** To comply with local regulations, a system separator may have to be installed in front of the filter station.

#### Included Equipment

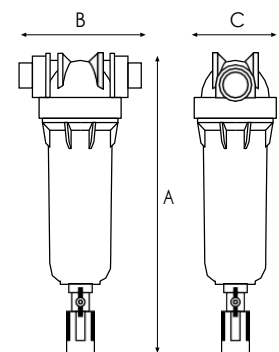
- Water filter housing with connection group, wall bracket and special key
- Filter cartridge with ion exchange resin

#### Design and dimensions

ITEM no.	Model	A mm	B mm	C mm	Capacity*
41037	PUROFILL colorguard 10	465	155	107	0.1 m3
41038	PUROFILL colorguard 20	723	155	107	0.2 m3
41046	PUROFILL colorguard 20 duo	723	343	107	0.4 m3
41039	Replacement Cartridge PUROFILL colorguard 10	-	-	-	0.1 m3
41039	Replacement Cartridge PUROFILL colorguard 20	-	-	-	0.2 m3

\*the capacity refers to a raw water quality with 330  $\mu\text{S} / \text{cm}$  ( $\sim 10^\circ \text{dH}$ ) electrical conductivity. If the recommended flow rate is observed, the electrical conductivity of the desalinated water is at a level  $<10 \mu\text{S} / \text{cm}$  up to the end of the capacity.

PUROFILL colorguard 10 & 20



PUROFILL colorguard 20 duo

