Filter cartridges

Art. 9061 - 9062

100% MADE IN ITALY

Function

The filter cartridges for self-cleaning filters and magnetic dirt separators have the function of collecting impurities inside the fluid.
Depending on the size of the filter mesh, impurities of different sizes can be collected.

Product range

Art. 9061	300 micron / 1000 micron
Art. 9062	100 micron

Technical characteristics

Fluids:	Water or glycol solution
Max glycol:	30%
Max working temp.:	100°C
Max working pressure:	10 bar

Materials

Filter mesh:	Stainless steel

Matching filter-cartridge

This table shows the correct match between cartridge and filter according to the sizes:

RANGE	MEASURE	1000 MICRON	300 MICRON	100 MICRON
		ARTICLE	ARTICLE	ARTICLE
9059-9060	1/2"	-	0906130001	0906230001
	3/4"	-	0906130001	0906230001
	1"	0906131002	0906130002	0906230002
	1 1/4"	0906131002	0906130002	0906230002
	1 1/2"	0906131003	0906130003	0906230003
	2"	0906131003	0906130003	0906230003
9063-9065	3/4"	0906131002	0906130002	0906230002
	1"	0906131002	0906130002	0906230002
	1 1/4"	0906131003	0906130003	0906230003
	1 1/2"	0906131003	0906130003	0906230003
9067	1/2" – 3/4"	-	0906130004	0906230004

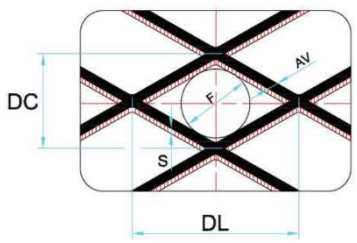
Replacement of the cartridge

The replacement of the filter cartridge from the self-cleaning filters art.9060-9067 or from the magnetic dirt separators art.9063-9065 takes place following the steps below:

1. Isolate the filter by closing the shut-off valves assembled downstream and upstream;
2. Open the drain valve to let out the water contained in the filter;
3. Disassemble the container using a CH24 wrench;
4. Remove the internal cartridge;
5. Re-assemble the cartridge and close the container using a CH24 wrench and a max tightening force of 10Nm.
6.

Filter performance

The filtering capacity is expressed in microns (1micron=0,001mm) and is represented in the image at the side by the diameter of the circle F
The higher the value in microns, the greater the width of the filter mesh and therefore lesser its filtering power.



Fluid characteristics

Reference standard for water treatments in heating systems is Norm UNI 8065:2019 which regulates the parameters that must be observed to avoid scale and corrosion phenomena.
In order to grant product warranty, the fluid characteristics must comply with the rules in force in the country of relevance or at least present features not less to the ones prescribed by the Norm UNI 8065:2019
In particular, minimum standards necessary but not sufficient to control are the following:

Fluid aspect:	Limpid
PH:	Between 7 and 8
Iron (FE):	< 0,5 mg/kg (< 0,1 mg/kg for steam)
Copper (CU):	< 0,1 mg/kg (< 0,05 mg/kg for steam)
Antifreeze:	Passiveted Propylene Glycol
Conditioning:	as indicated by the producer

In any case when using antifreeze and conditioning solutions, is required to control and verify the correct compatibility between these substances and the construction materials stated in Pintossi+C technical datasheet.