

Y strainer with magnet

Art. 9028



100% MADE IN ITALY 

Function

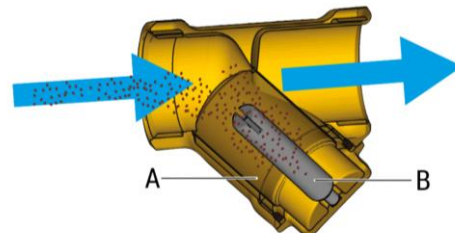
Y filters with magnet by Pintossi+C are designed for use in heating and cooling systems.

They capture both ferrous and non-ferrous particles through the combined action of the stainless steel mesh (A) and the built-in magnet (B).

The brass body ensures excellent durability and high resistance even under elevated pressures.

Thanks to their very compact size, they can be installed easily and efficiently even in very tight spaces.

Yellow brass finishing.



Technical specifications

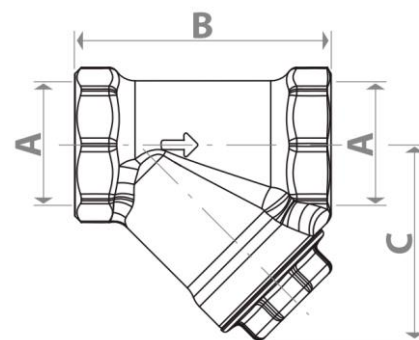
Fluids:	Water or glycol solutions
Max. glycole:	50%
Max. working temp.:	90°C
Max. working pressure:	30 bar
Filtration degree:	500 micron
Magnet:	11.700 Gauss

Materials

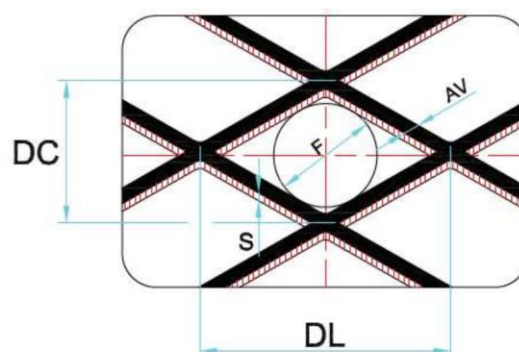
Body:	Brass CW617N
Cap:	Brass CW617N
Filter:	Stainless steel
Gasket:	EPDM
Magnet:	Neodymium
Magnet holder:	High-strength polymer

Dimensions

SIZE	A	B	C
3/4"	20	57	42
1"	25	68	52



Filtration degree



F - MICRON	DL	DC	AV	S	FORI/CM ²
500	2,0	1,20	0,35	0,25	80

Head loss

DIM	3/4"	1"
KV	7,3	12,5

Installation

The Y filter must be installed with the flow in the direction indicated by the arrow on the filter body. It is recommended to install the filter with the inspection cap facing downward to make cartridge cleaning easier and to prevent possible backflow of impurities into the system.

When the heat-transfer fluid enters the filter, its velocity decreases, promoting the separation of solid particles present in the circuit.

Non-ferrous impurities are intercepted by the metal mesh and settle at the bottom of the cap, while ferrous particles are captured by the magnet thanks to its magnetic attraction.

The filter's design optimizes the use of the entire filtering surface, extending operating time before the mesh becomes completely clogged.

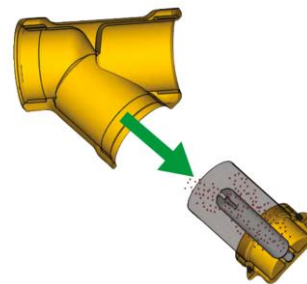
When needed, the filter can be removed and rinsed under running water to restore normal flow capacity.

Maintenance

Maintenance of the filter must be carried out at a frequency proportional to the amount of impurities present in the system fluid: the higher the level of contamination, the more frequent the maintenance operations should be. In any case, it is recommended to clean the filter at least once a year to prevent not only a significant reduction in flow rate, but also the formation of permanent deposits that may require replacement of the filtering mesh.

To clean the metal mesh and the magnet, follow the instructions below:

1. Close the valves upstream and downstream of the filter;
2. Unscrew the hexagonal cap containing the filtering mesh and the magnet;
3. Clean the filtering mesh under running water;
4. Reassemble the magnet and the metal mesh onto the cap and screw it back onto the filter body;
5. Open the valves upstream and downstream of the filter.



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: Passivated 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.