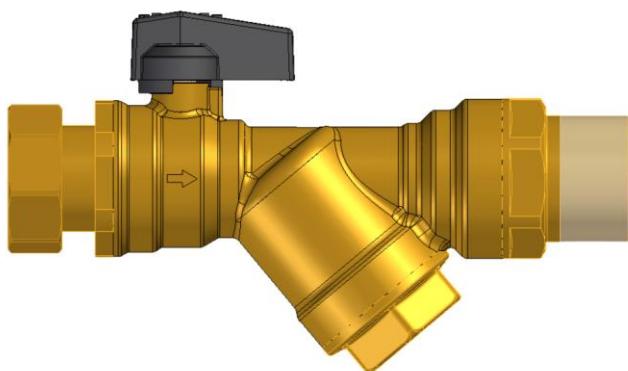


FILTERBLOC monoblock ball valve

Art. 9027



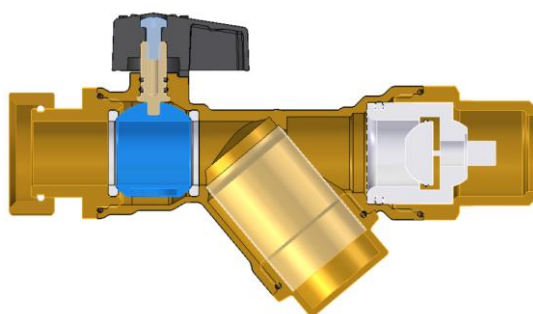
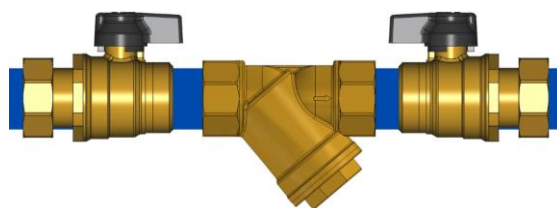
100% MADE IN ITALY 

- Function** Pintossi+C FILTERBLOC monoblock filter valve, is a valve that integrates two basic functions, within the same product:
- Y-strainer with a 400-micron filter large surface area;
 - A double shut-off valve for easy maintenance operations.

FILTERBLOC avoids the need to separately install a Y-strainer and two ball valves upstream and downstream of the filter, ensuring a perfect seal at all times and drastically **decreasing product installation time**.

The **large filtering surface area** of the internal filter avoids the formation of obstructions due to dirt in the system and consequent major pressure drops that could occur instead with smaller filter meshes.

In addition, FILTERBLOC guarantees particularly **high flow rates** due to its special internal geometry.



FILTERBLOC can be used in various application areas, both heating and drinking water use.

In particular, it can find application in the following uses:

- Upstream of a heat pumps or boilers, for protection of delicate internal mechanisms;
- At the inlet of water supply, before meters;
- Upstream of circulators;
- Before devices that are particularly sensitive to dirt that may be present in the water, such as pressure reducers, check valves, filling units, thermostatic mixing valves, etc.;
- Before heat exchangers or condensers.

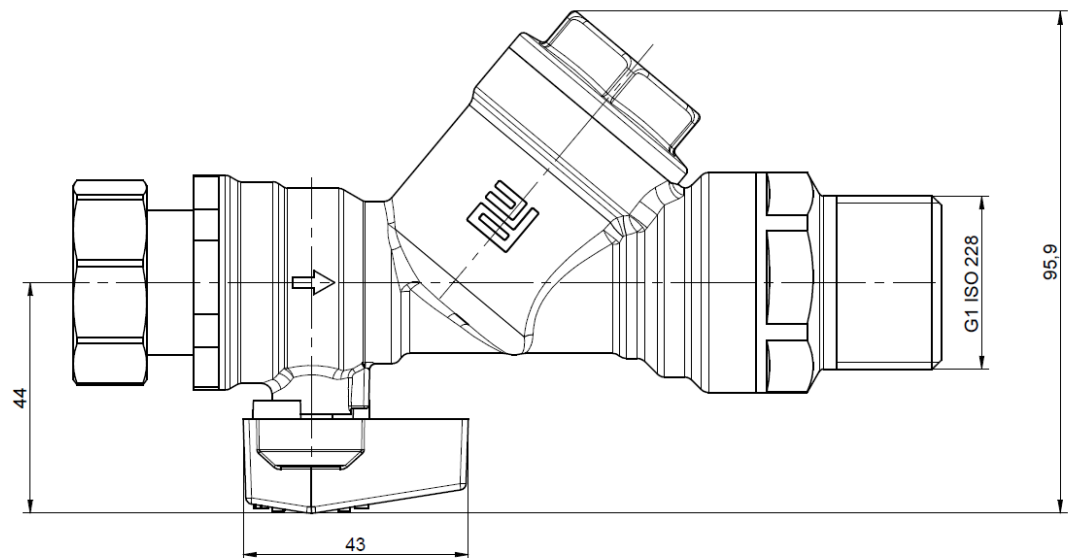
Technical specifications

Fluids:	Water or glycol solutions
Max. glycol:	30%
Max. working temp.:	100°C
Max. working pressure:	16 bar
Filtration degree:	400 micron

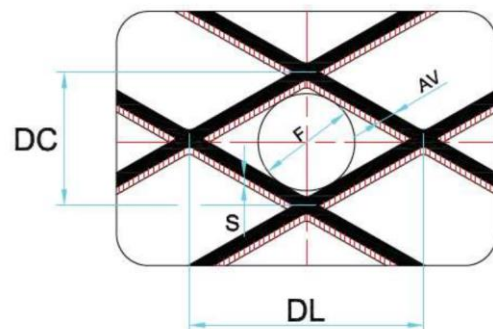
Materials

Body:	Brass CW617N
Sleeve:	Brass CW617N
Cap:	Brass CW617N
Filter:	Stainless steel
Gaskets:	EPDM
Seat:	Teflon
Handle:	Aluminum

Dimensions



Filtration degree



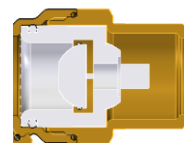
F - MICRON	DL	DC	AV	S	FORI/CM ²
400	1,5	0,90	0,35	0,25	150

Installation

The Y strainer should be installed with the flow in the direction marked by the arrow on the strainer's body. It's recommended to install the strainer with the inspection plug facing down to make easier the cartridge cleaning operations and avoid possible impurities backflows in the circuit. Its installation can be done very easily thanks to swivel fitting on one side of the valve.

Maintenance

The cylindrical filtering net can be easily extracted and inspected for normal cleaning and maintenance operations by unscrewing the brass cap. Before performing maintenance operations, close the ball valve to isolate the filter. The presence of the check valve ensures that water is blocked in the opposite direction.



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.