



HEATING

MAGNETIC FILTER (DIRT SEPARATOR)

The magnetic filter is specially designed for systems of central heating. Well-nigh of the iron oxide stored during the warm-up is removed for it, to protect the equipment of the system pipes.



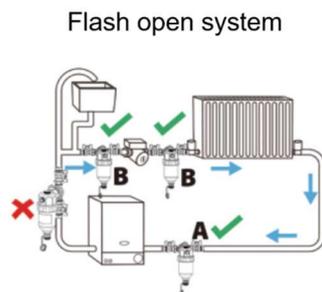
SPECIFICATIONS	
Maximum operating pressure	6 bar
Flow	115 l/min
Body	Polyamide of high quality PA66 reinforced with fiberglass
Connection	1"
Fittings	Brass UNE-EN 12165-12164
Maximum operating temperature	95 °C
Flow direction	Following the direction of the arrow
Load loss	0.1 bar
Magnetic force	12.000GS

Assembly recommendations

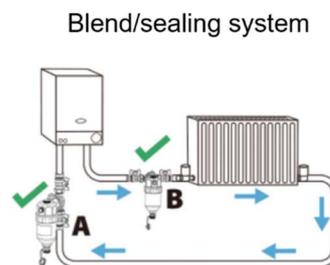
Magnetic filters can be installed in different places, such as: any point of the main pipe. It is recommended to install them after the last heater and before the boiler, to obtain the maximum effect of protection in the boiler.

Warning: It is important to dispose of an appropriate space for the maintenance of the magnetic filter when the placement of installation is chosen.

Recommended place for installation



(Figure 1)



(Figure 2)

In the last two figures, the placement A is recommended as the ideal for the installation. The position B is appropriate in case of pipes with tight space.

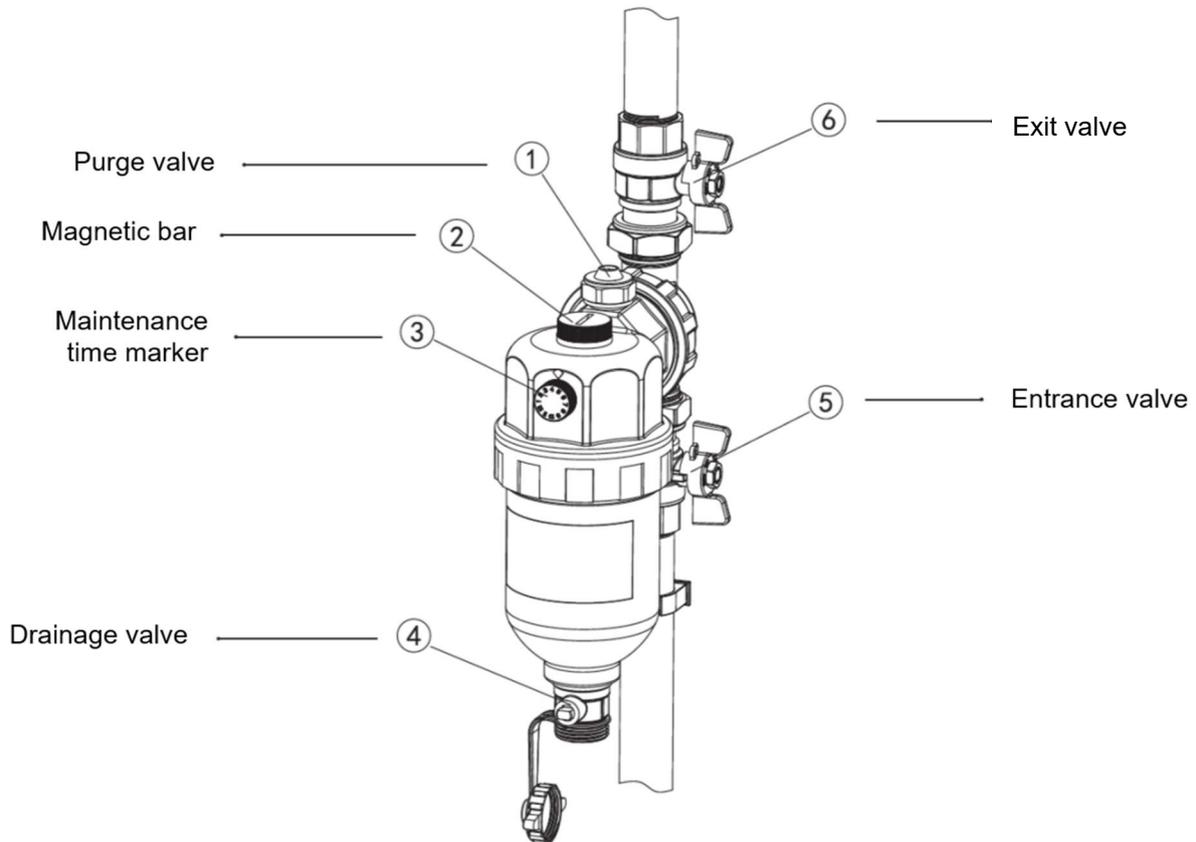
After that the system has been clean with a cleansing agent, check that has been installed and rinsed in the return line of the system, to achieve the best effect of protection of the boiler.

Introduction to the structure



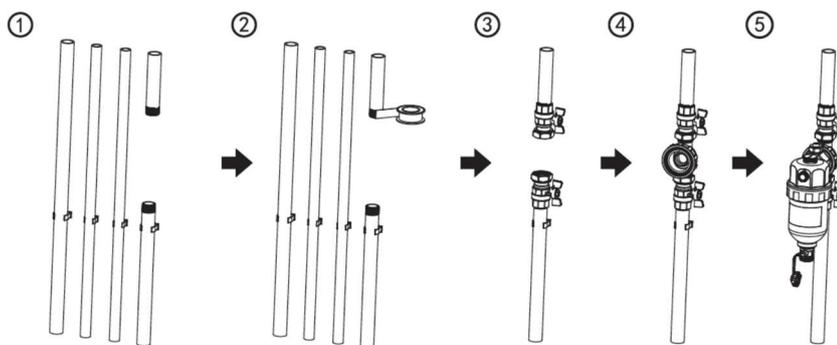
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Installation method

1. Cut and pull out the part of the pipe in accordance with the length of the product installation.
2. Wrap the seal material around the thread of the joint.
3. Tight the valve of the pipe.
4. Install the connection of the body and tight it.
5. Fit the angle and fix the filter.
6. Check that the valve is open after the water has passed through, open the out-air ventilation, and then close it.



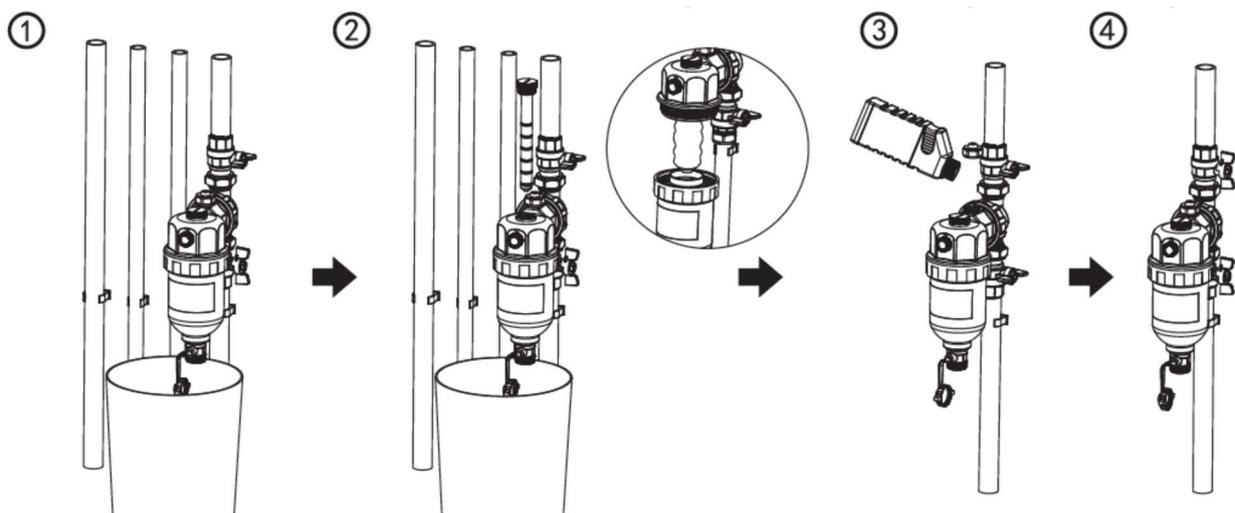
Maintenance



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1. Close the exit valve.
2. Open the drainage valve, pull out the magnetic bar.
3. Close the entrance valve, pull out the air ventilation valve, pour the pipe cleaning protection.
4. Tight the air ventilation valve and open it; open the entrance and exit valves at the same time, close the air ventilation valve.
5. Change the maintenance time marker after verifying that is full.



WARNING:

1. The magnetic filter contains powerful magnets, it must be set away from all electronic devices, bank cards and other magnetic devices.
2. The magnetic filter contains powerful magnets, and it always must be used with protection if the person who is installing it has a cardiac pacemaker.
3. The magnetic filter is a pressurized device which must be discharged before starting the maintenance.
4. The magnetic filter device could be very warm during the operation, be careful.

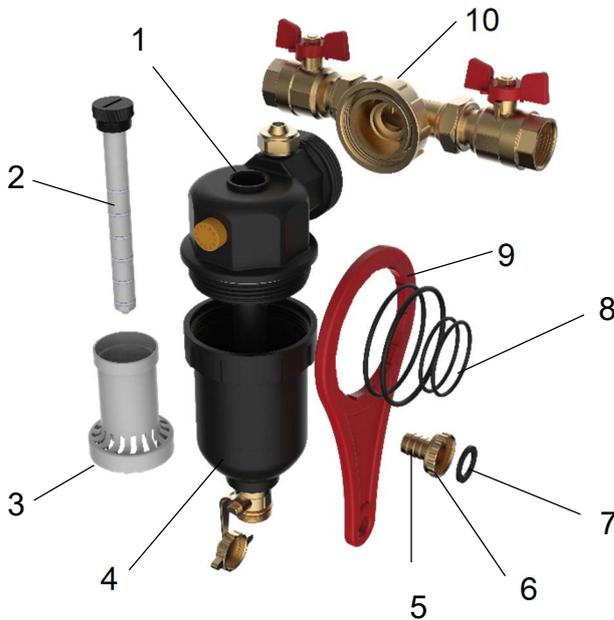
* To maintain the continuity of the ground connection following the current IEE regulations, appropriate ground connection cables must be installed. Installing them in the pipe where it is necessary to divert the product.



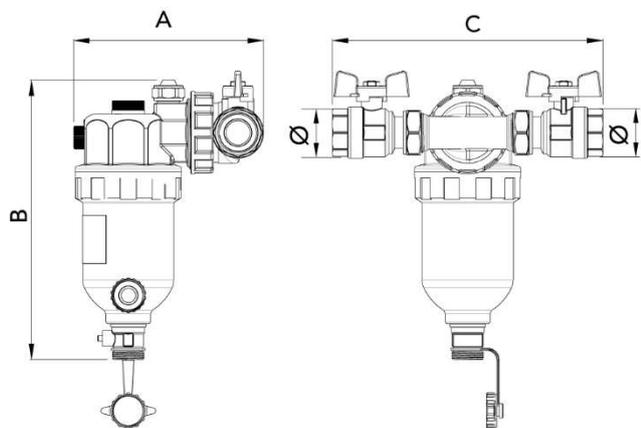
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Magnetic filter



1	Tank join
2	Magnetic bar
3	Filter
4	Tank
5	Mouthpiece
6	Nut
7	Washer
8	O rings
9	Key
10	Set of valves and joints



Code	Ø	A	B	C
38676	1"	155	231	222