



**MAGNETIC FILTER
SPECIFICATIONS
20.800 GAUS
Ref. 5392114208**



INSTRUCTIONS BEFORE USE

Dear user, thank you very much for choosing PARETA's magnetic filter.

User manual

This manual describes in detail the product's functions and installation operations. Before using, please carefully read all parts of this manual. The company reserves the right to modify the existing version without prior notice.

Preliminary inspection



When you receive the product, inspect the packaging and all of its contents carefully for any possible damage due to transport or any other cause. Verify that the product matches the label on the package and is therefore the one you selected.

If there is any discrepancy or uncertainty in appearance, specifications, etc., contact the supplier immediately and explain the reason for the possible defect or error.

If you have any doubts about the installation of the product, please do not use it. First seek proper advice about its installation and use.

Warning

The magnetic filter is equipped with a magnetic bar that generates a strong magnetic field around it. Always be aware of this magnetic effect during installation, maintenance, and use.

Do not place the filter or its magnetic core near any electronic equipment to avoid possible damage. Also, do not place the filter or its core near devices that could be affected or damaged by the generated magnetic field.



Applications

The magnetic filter is installed in heating systems and permanently separates dirt and ferrous particles. It eliminates system noise, reduces heat loss on the heating surface, and prevents machine burns when installing the circulation pump. The drainage part of the magnetic filter serves to separate the accumulated dirt in the collection chamber in a controlled manner, avoiding unwanted scaling.

OPERATING DIAGRAM



Limescale in radiators



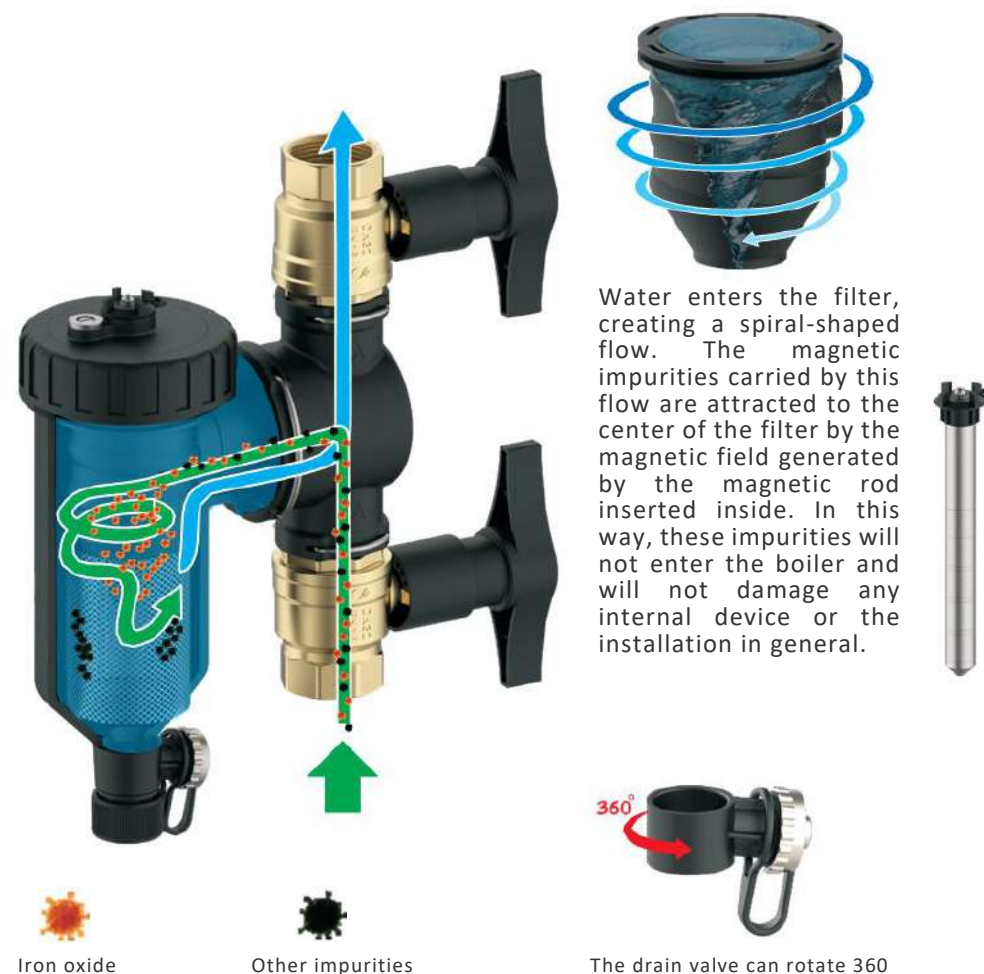
Limescale in pipes



Limescale in boilers



Magnetic impurities

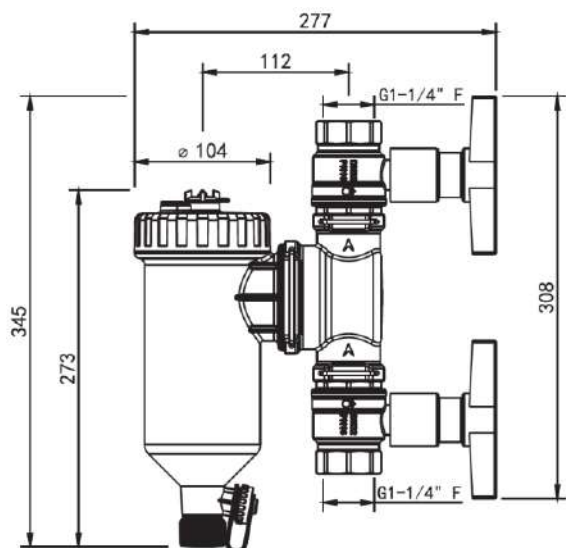


COMPONENT DIAGRAM

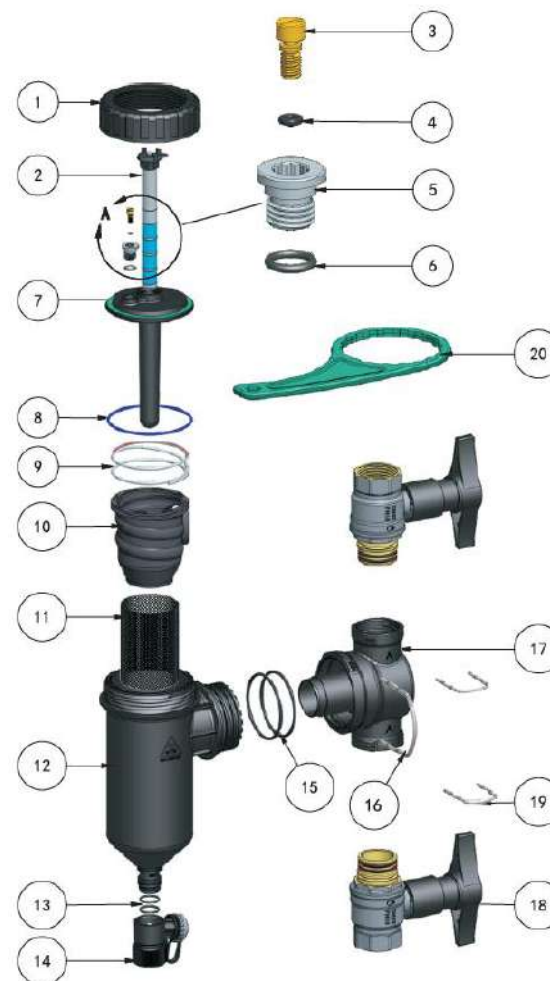
Once the product box is opened, verify all components according to the following diagrams and list.



PRODUCT DIMENSIONS



COMPONENT LIST



1. Top cap
2. Magnetic bar
3. Air valve screw
4. O-ring
5. Air vent valve
6. O-ring
7. Magnetic bar sleeve
8. O-ring
9. Conical spring
10. Spiral core
11. Filter mesh
12. Main body
13. O-rings
14. Drainage system
15. O-rings
16. Fixing clip
17. Rotating body
18. 1 1/4 valves
19. Fixing clip
20. Installation and maintenance tool

WORKING CONDITIONS

- Maximum working pressure 6 Bar
- Maximum working temperature 90°C
- Maximum glycol solution percentage 50%
- Maximum flow rate at 3 Bar 4,25m³/h

360° ROTATION OPERATION



BALL VALVE INSTALLATION



FILTER INSTALLATION

