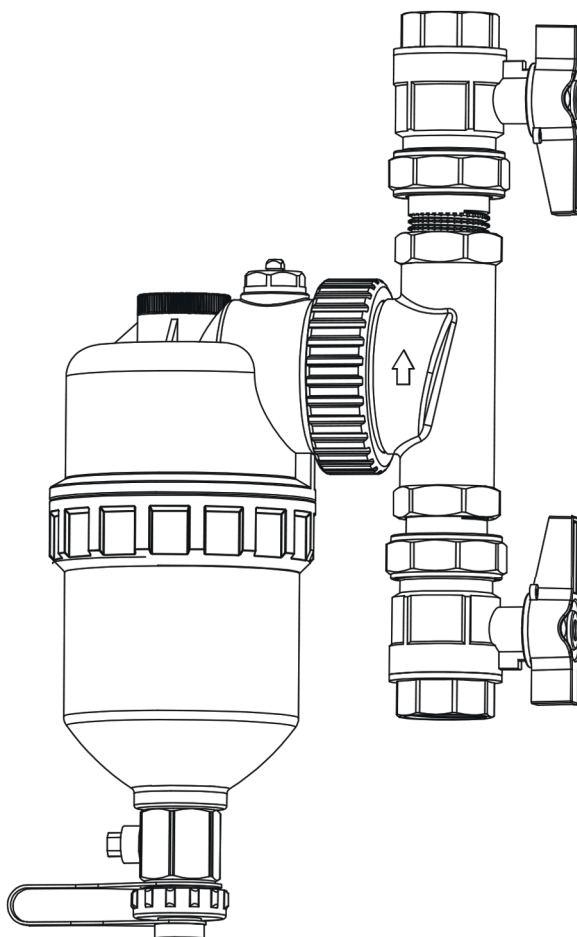




BLR422500

Installation manual*

Dirt separator with magnet and 2 stop valves for central heating systems

* Please retain for future reference.

2 years guarantee:

Congratulations on purchasing this magnetic filter. We want you to continue to get the most out of it, so this manual contains important information about safety, use and maintenance. Keep this manual in a safe place so that you can refer to it later.

The magnetic filter comes with a 24-month warranty. If a defect occurs within this period, please contact the shop where you purchased the product first.

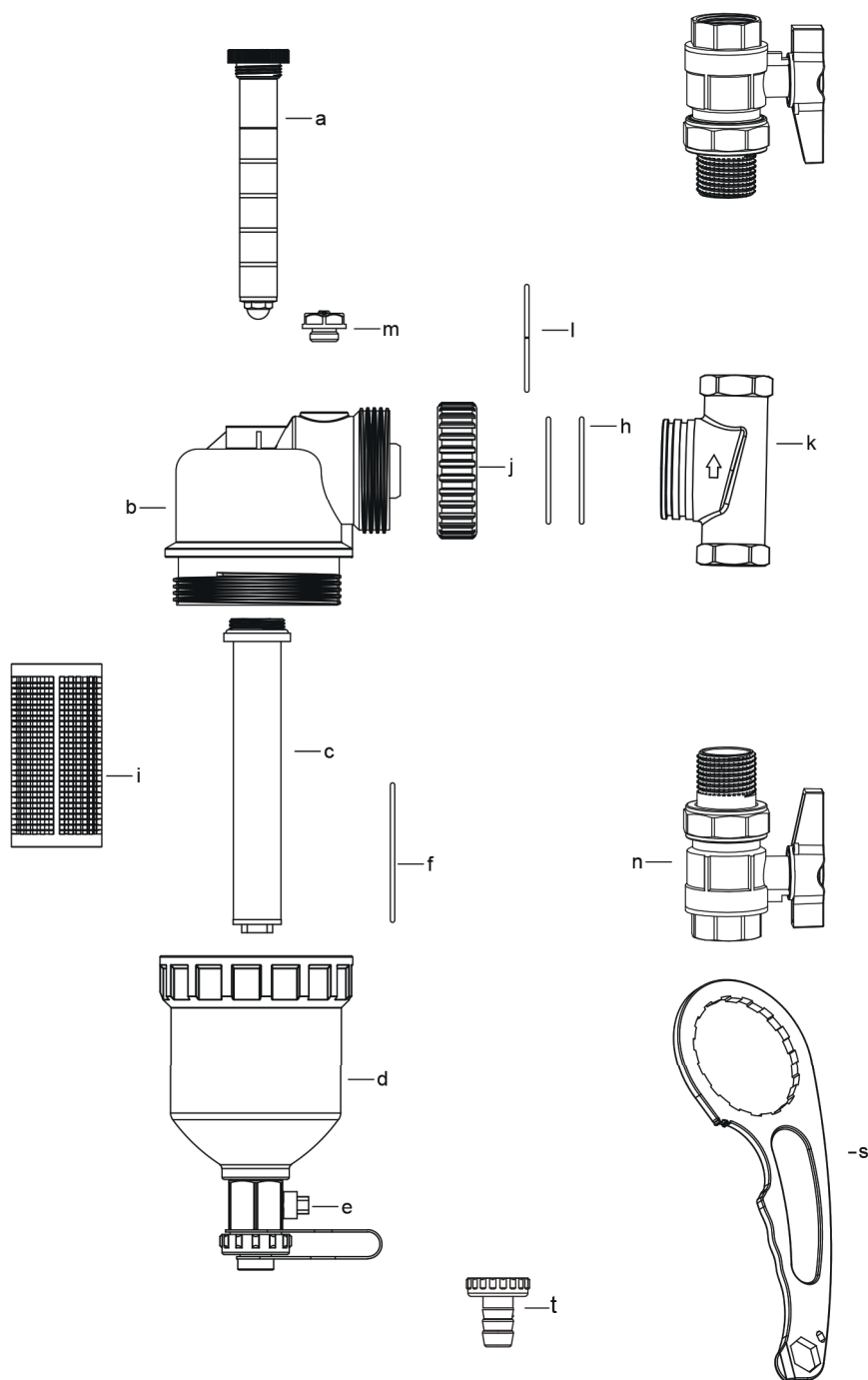
This warranty does not cover damage caused by:

- incorrect use or misuse
- modifications or tampering
- lack of or improper maintenance
- accidental damage
- failure to follow the installation instructions

Important information:

1. Installation must be carried out by a qualified professional.
2. Check that all parts are present. Contact your supplier immediately if any parts are missing or damaged.

Component parts:



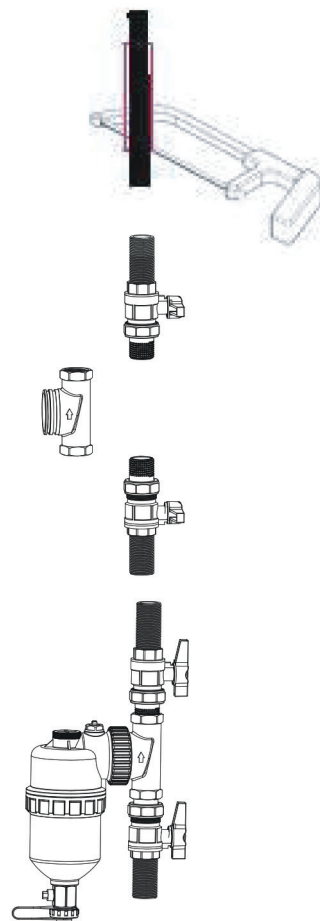
- a Magnetic bar
- b Plastic housing
- c Magnetic shield
- d Plastic housing
- e Drain tap
- f O-ring
- h O-ring

- i Stainless steel filter
- j Plastic cap
- k Brass connection 2x 3/4"
- l Retaining ring
- m Air vent valve
- s Spanner
- t Water nozzle

Installation Instructions:

Only a competent person such as a qualified heating engineer should install the device.

1. Find a suitable location for the filter so that it is always easily accessible for maintenance. A return pipe is recommended. In open, ventilated systems, do not install the filter between the boiler and the overflow.
2. Release the pressure from the heating system and then drain the system.
3. Mark the pipe, cut off the marked section with suitable tools and remove any burrs.
4. Fit the supplied stop valves to both the inlet and outlet pipes.
5. Install the brass connection and ensure that the arrow direction corresponds to the flow direction of the heating system. The adjustable connection makes the dirt separator suitable for both horizontal and vertical pipes.
6. Carefully attach the filter housing to the brass connection and tighten the retaining ring by hand (do not overtighten). The filter housing must always be installed vertically. The magnetic rod of the filter is removable.
7. Open the stop valves and switch on the heating system.
8. If necessary, vent via the vent valve at the top.



Annual maintenance:

Important: For optimal and efficient performance, it is strongly recommended to clean the system annually.

Maintenance instructions cleaning with water and mild soap (recommended).

1. Switch off the heating system and close both stop valves. Have a suitable bucket ready to collect the liquid.
2. Unscrew the connection between the connection and the filter housing and turn the filter housing 180°. Use a standard 1" spanner to unscrew and remove the filter cap.
3. Remove the magnetic shield and clean it with warm water and mild soap.
4. Remove the stainless steel strainer and and rinse it clean with water.
5. Turn the filter housing 180° again and drain the dirty water into a bucket.
6. Replace the magnetic shield and stainless steel filter after cleaning. Tighten the filter cap by hand. Turn the filter housing back to the correct position with the vent valve at the top. Tighten the connection between the diverter and the filter housing completely. Open the inlet valve and the vent valve slightly until all air has been removed. Close the vent valve and then open both the inlet and outlet valves fully. Check for any leaks.
7. Switch the heating system back on.

Warning: *Always follow the safety instructions in this document. This filter contains strong magnets. Always exercise caution during installation and maintenance and never place the magnetic core on or near ferrous surfaces or objects.

Maintenance instructions with chemical cleaning agents:

1. Switch off the boiler and close both stop valves. Release the air by opening the vent valve at the top.
2. Drain the filter completely: turn the filter 180°, remove the filter cap by loosening the nut between the diverter and the filter. Place a bucket to catch the water and unscrew the vent valve. Once the water has drained, replace the vent valve.
3. Add the chemicals through the open top of the filter and then tighten the filter cap by hand.
4. Turn the filter back to the correct position with the vent valve at the top. Tighten the connection between the connection and the filter securely. Open the inlet valve and the vent valve slightly until all the air has been removed. Close the vent valve and then open both the inlet and outlet valves fully. Check for any leaks.
5. Switch on the heating system to flush it. Bleed the system if necessary.

Caution: Do not leave chemicals in the filter for long periods of time.

Troubleshooting:

Problem 1: Water is leaking from the filter.

Solution: Turn off the system, close the stop valves. Perform the following checks:

- Check that all seals are correctly positioned and in good condition.
- Check that the stop valve nuts are tightened properly.
- Check that the retaining ring on the diverter is tightened securely and is not crooked.

Problem 2: Poor flow through the filter

Solution: Clean the filter as soon as you notice that the flow is reduced.