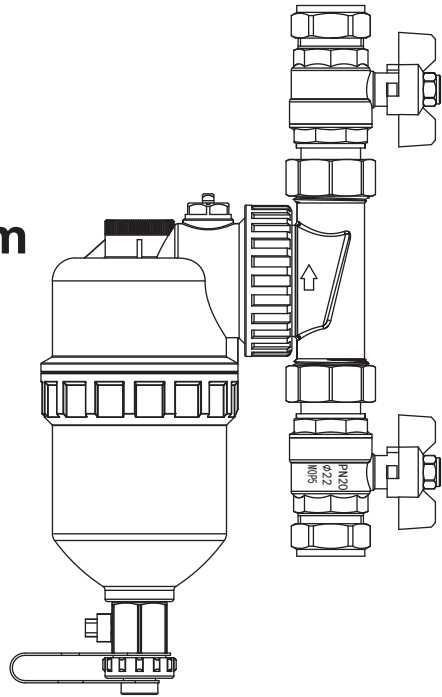


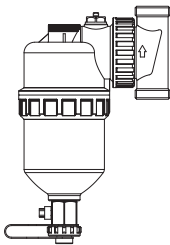


User Instruction

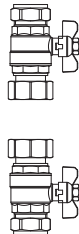
Magnetic Central Heating Filter 22mm AI580



WHAT'S IN THE BOX



Filter Body x 1



Isolating Valve x 2



Spanner x 1

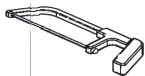
If you do not have all of these items, please contact:

0808 100 7211 or 0330 333 3303

PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

TOOLS REQUIRED

Tools not supplied



SPECIFICATION

- 22mm Isolation valves
- Max. working temperature: 120°C
- Max. working pressure: 12 bar
- 11,000 gauss magnet
- 450ml dosing capacity

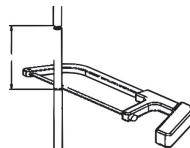
HEALTH AND SAFETY

- Installation should be carried out by a qualified professional or other fully competent person.
- Please check that all components are present. If there are any missing or damaged parts, please contact your supplier immediately.

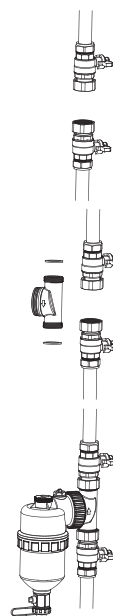
ASSEMBLY AND USE

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

1. Locate a suitable site for the filter to allow access and servicing. Return pipe is recommended, do not fit it between the boiler and the overflow on open vented systems.
2. Release and drain the heating system pressure.
3. Mark the pipe, using a suitable tool to cut the marked section and remove burrs.



4. Fit the isolating valves provided onto both inlet and outlet pipes.
5. Introduce the diverter, ensuring the arrow direction follows the heating system flow. Fit the diverter using the flat washers provided and tighten the inner nuts fully. After that, tighten the outer compression nuts on valves to ensure a watertight seal.
6. Fit the filter body to the diverter and hand tighten the locking collar (do not over tighten). Filter body must be installed vertically. This filter's magnetic bar is removable.
7. Open the isolating valves and turn on the heating system.
8. Vent the system as required using the air bleed valve.



CARE AND CLEANING

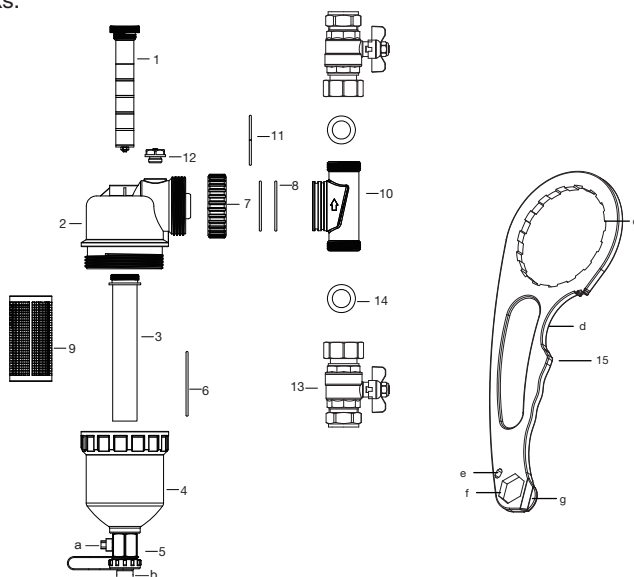
Annual Servicing Requirement

To maintain optimum efficiency, annual cleaning is recommended.

1. Isolate the heating system and close both of the two isolating valves. Prepare a suitable bucket to collect any spillage.
2. Loosen the screw cap at the top of the filter and withdraw the magnetic bar.
3. Drain the filter chamber into the bucket using the octagonal through-hole at the bottom of the plug cap (b) to open the Valve stem (a).
4. Use the castellated spanner (15) supplied (or a strap wrench) to loosen the lower body (4) of the filter chamber. Unscrew the filter body fully, clean the body (4), the plastic filter (9), and the magnet cleaning cover (3) using hot, soapy water. Rinse thoroughly with fresh water.
5. Re-assemble the body (4) and the magnet bar (1) to the upper filter body (2), taking care to fit the plastic filter screen (9) centrally inside body (4), and O-ring (6) into the recess above the female threaded section of body (4). Fully hand-tighten the lower filter body (4) to upper filter body (2). Ensure drain-off valve is closed.

6. Partly open the inlet valve (according to flow direction arrow on diverter (10)) and the air bleed valve (12) screw until all air is removed. Close the bleed screw, then fully open inlet and outlet valves. and check for leaks.

7. Start the heating system.



8. Spanner application guide

- The inner gear ring of the spanner (c) can loosen the lower part (4) of the filter chamber.
- Removing the magnet bar (1) by inserting the rounded and tapered end of the spanner (g) into the cross slot above the magnet bar (1).
- The hexagonal through hole at the end of the spanner (f) can be used to loosen the air vent set (12) of the magnetic filter.
- The octagonal through hole at the tail end of the spanner (e) can be used to open the valve stem (a) of the drain-off valve (5).
- The circular concave area on the spanner (d) can be used to turn the snap ring (7) , enabling the disassembly and adjustment of the diverter (10).

CAUTION: Please observe the safety instructions provided in this document. This filter contains a strong magnet. Keep away from personnel with heart pacemakers, sensitive electronic devices, storage media, or magnetic bank cards. Do not place the magnetic bar on any ferrous surfaces or near ferrous items.

Chemical Dosing

- Isolate the boiler and close both isolating valves. Release air pressure by opening the top air bleed valve. Prepare a suitable bucket to collect any spillage.
- Drain the filter fully via the drain-off valve (5).
- Unscrew and remove lower filter body (4) as point 4 above (Annual Service Requirement). Fill body (4) with water treatment chemical. Re-assemble the lower filter body (4) to upper filter body (2) as per point 5 above.
- Re-connect the filter to the heating system as per point 6 above.
- Run the system for approximately 5 minutes to disperse chemical additive into system.

Attention: Do not allow chemicals to remain static in the filter for long periods.

TROUBLESHOOTING

Use this section to help you try and solve any problems you may have:

PROBLEM	CAUSE	REMEDY
Water is leaking from the filter	Not installed or sealed properly	Turn off the system, close the isolating valves. Perform the following checks: 1. Check all seals for location and condition 2. Check the isolating valve nuts to ensure they are fully tightened 3. Check the converter locking collar is firmly tightened and not cross threaded
Poor flow through filter	There are too many ferrous particles attracted in the magnetic filter	Clean the filter when reduced flow is noted

GUARANTEE

Flume products deliver reliable service for normal, household use in domestic settings. All Flume products are individually tested before leaving the factory.

Your product is under guarantee for 2 years from the date of purchase or the date of delivery of the product, if later.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, knobs, or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to, and does not diminish your statutory or legal rights.

CUSTOMER SUPPORT

www.toolstation.com/contact

Call us 0808 100 7211

Mobile friendly 0330 333 3303

Email info@toolstation.com

Made in China

Imported by Toolstation (company number 04372131) - Toolstation is a Travis Perkins company.