



IDEAL SYSTEM FILTER.

INSTALLATION & MAINTENANCE GUIDE



INSTALLERCONNECT.COM

IDEALBOILERS.COM

The Ideal system filter, it is a high quality filter with a 10 year warranty against manufacturing defect, benefiting from the following features:

- High capacity and compact design for collection of magnetic & non magnetic debris
- Magnetic brass system filter with secondary settlement filtration method
- 10 year warranty
- Forged Brass - no hidden porosity
- Magnetic and dirt separation technology
- Includes high quality brass valves
- No lid to remove for dosing to prevent potential for leaks
- Double use port for both discharge of dirt and express dosing of chemicals
- Double radial seals and no lid to prevent leaks. Will not block or restrict flow.
- Fast and easy to clean without dismantling unit
- Simple clean, smooth and dry magnet removal design
- Easy to install - fits on horizontal and vertical pipework in both flow directions. Can operate at 45°.
- Available in 22mm pipe fitting with connection valves
- Flushing adapter available
- Fitting an Ideal Filter extends the Vogue GEN2 boiler warranty (from 8 to 10 years)
- Powerful neodymium magnet assembly with threaded magnet cap
- As with all magnetic products, if you have an implanted cardiac device extra caution should be taken at all times when handling any magnetic filter

PRODUCT SPECIFICATIONS

- | | |
|----------------------------------|---|
| • Maximum operating temperature: | 100°C |
| • Maximum operating pressure: | 10 bar |
| • Maximum flow rate: | 50 L/min |
| • Magnetic characteristics: | Powerful neodymium magnetic assembly |
| • Drain valve characteristics: | Easy to install with multiple orientation capability |
| • Filter material: | Forged brass construction - compatible with EN 12165-CW617N-M |

WEIGHT (EXCLUDING CONNECTION VALVES)

Ideal System Filter 22mm - 1615g (with magnet and drain valve)

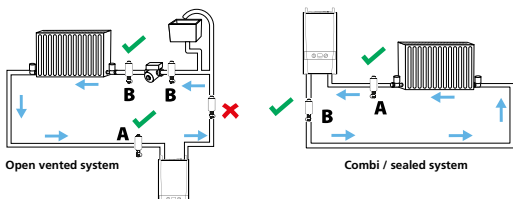
INSTALLATION GUIDE

1. Switch off boiler and drain the system
2. Connect filter to pipework using valves provided
3. Install so that the direction of flow within the heating circuit follows the directional arrow on the inlet/outlet port
4. Tighten all connections
5. To change orientation, loosen ring collar and turn inlet/outlet port to required position
6. Tighten ring collar to secure position using a wrench

NB. When adding any component to a heating system, the installer must ensure the system continues to comply with BS7671:2008 guidelines and requirements for electrical installations.

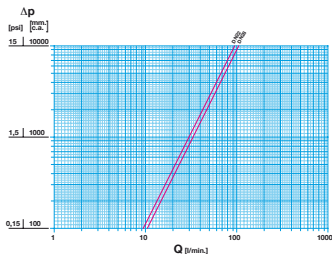
To prevent frost damage, do not install externally or at temperatures of 0 °C unless adequate frost protection is in place.

CAUTION: Contains Strong Magnetic Fields



In both diagrams, position A is best practice, while B is suitable.

N.B. We firmly recommend the Ideal System Filter is installed and serviced by a qualified heating engineer.



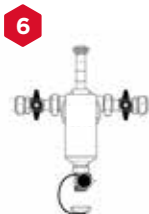
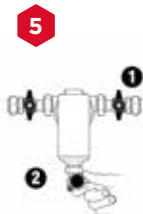
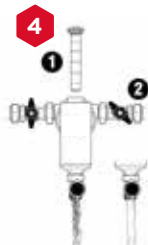
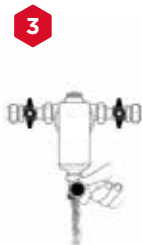
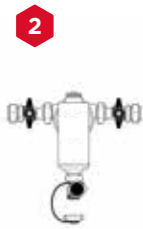
**PRESSURE LOSS
(WITH VALVES)**

CLEANING GUIDE

1. Switch off the boiler
2. Close the inlet/outlet valves.
Remove the drain valve cap
3. Open the drain valve
4. Remove the magnet. Slowly open the inlet valve to control the flow.
Flush out the filter until the water runs clear
5. Close the inlet valve. Close the drain valve

6. Replace the drain valve cap.
Reinsert the magnet
7. Open the inlet/ outlet valves
8. Restart the boiler

Ensure that the magnet sheath remains clean and dry

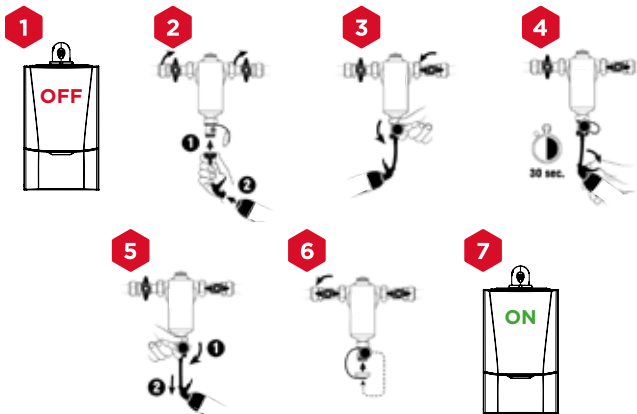


DOSING GUIDE

If the filter contains magnetite or sludge, flush it clean with water before dosing. Refer to the cleaning guide instructions. Caution: hot surface.

Express dosing of aerosol products into a clean system via an Ideal System Filter with valves

1. Switch off the boiler
2. Attach aerosol adapter to drain valve
3. Open drain valve & inlet valve
4. Release aerosol contents
5. Close inlet valve
6. Close drain valve
7. Switch on boiler



INHIBITOR USAGE GUIDELINES

An Ideal System Filter will protect the boiler from the damaging effects of circulating corrosion debris, which has collected in the system as a result of a chemical reaction when water comes into contact with mixed metals used within a heating and cooling system. Note: to prevent further corrosion from taking place a quality inhibitor should be used in combination with the filter.

PACKAGING, HANDLING AND STORAGE

Individually packaged with instructions included. No special storage requirements.

The Ideal System Filter is a proven, high efficiency, full-flow, magnetic and non-magnetic filter designed to protect domestic central heating systems by removing suspended black iron oxide.

Even a small build-up of iron oxide debris in a condensing boiler results in substantial efficiency loss and energy wastage. Not only does the system perform inadequately, it costs more to run and maintain.

IMPORTANT Always follow the Standard Electrical Best Practice guidelines when installing an Ideal System Filter. A copy of these guidelines can be found at www.hse.gov.uk/electricity

Following installation, please ensure you register the product warranty:

INSTALLER: www.installerconnect.com

HOMEOWNER: www.idealboilers.com

This product is supported by a ten year warranty*.



PO Box 103
National Avenue
Kingston Upon Hull
HU5 4JN

T 0844 5436060
F 0844 5436181

IDEALBOILERS.COM



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*Terms & Conditions apply

**When registered with a boiler on Installer Connect