

SS Magnetic Filter

FEATURES AND BENEFITS

6.5L
Dosing Capacity

Retaining Bolts on lid

- Avoids misplacing bolts
- Allows for dosing directly into the unit as well as via the tundish

2 options for both inlet & outlet connections

- Easy installation
- Saves time and costs

Mesh Basket Filter

- 100 litres per minute flow rate
- Washable and reusable (No consumables i.e cartridge)
- Saves time and cost



Isolation Valves

- Under AAV - prevents leaking
- All stainless steel to enable use on chilled systems

Single Large Magnetic Rod

- Large surface area for maximum ferrous capture
- Easy Cleaning Nickel plated –
- avoids rusting and demagnetisation

SS Magnetic Filter

FREQUENTLY ASKED QUESTIONS

Q

Why have we chosen one magnetic rod?

A

The magnetic force is more critical than the number of magnets, and the one used within the CORE unit is one of the strongest in the marketplace with test results indicating an impressive max capture rate of 1815g.

Q

Is a pressure gauge/PD monitor needed?

A

Not with the CORE SS Filter. Cartridge filters typically cause pressure drops, which necessitate monitoring. Since the CORE unit operates without a cartridge, it experiences a minimal pressure drop. This eliminates the need for such monitoring, a cost saving passed on to the customer.

Q

What is the maximum system volume and flow rate?

A

The unit has a max flow rate of 100 litres per minute, and although the max system size isn't limited, we advise 100,000 litres.

Q

Is 150 micron basket sufficient to capture all non-ferrous material?

A

Yes. The product is designed to be used in conjunction with CORE Biocide. This treatment (Biocide) eliminates dangerous non-magnetic particles below 150 microns, such as bacteria and pseudomonas, ensuring thorough system cleaning and no need for consumable cartridges.

Q

What are the benefits of a mesh basket filter?

A

Performance: More consistent flow rate, reduced blockages & better system performance.

Environmental: No filter potentially going into landfill.

Cost: No need to constantly replace dirty cartridges, an added cost to the system.

Q

Is the CORE unit BSRIA Compliant?

A

Yes. The unit complies with BG29 and BG50 standards.

Q

Where is the CORE unit manufactured?

A

Proudly manufactured in Sheffield, England, as seen by the Made in Britain logo.

Service recommendation: Every 6 months including Biocide top up

Don't forget to order the Insulation Jacket! Available on request

Disclaimer: The information within this document is believed to be correct at the time of publication; however, the document is for guideline use only. For complete accuracy, always check the product with a CORE representative. Missing information was either not available or disclosed. It is your responsibility that any product meets the necessary requirements. Any reliance placed upon this information will be totally at the user's risk.

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V3.