

## Quality counts

When it comes to full system protection there is no room to compromise on quality. *MagnaClean*® filters go through rigorous testing and quality control to make them THE filters you can rely on.



## Tested to the extreme and beyond

· 4400 thermal cycles  
(hot cycle 90°C)  
(cold cycle 20°C)

· Using the best quality materials through a trusted supplier network

· Hydrostat burst tested at ambient and 90°C

· World-class return rates below 0.05%



· Quality standards ISO 14001 certified

· 300,000 pressure cycles (0 to 6 bar)

· Valves subjected to endurance testing



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## Engineered for Life

*MagnaClean* filters are engineered to last. With a 10 year warranty\* and lifetime customer support from our team of dedicated experts when you need it, you can rely on ADEY to support you.



Warranty



# MagnaClean®

A magnetic filter range like no other





ADEY

# MagnaClean®

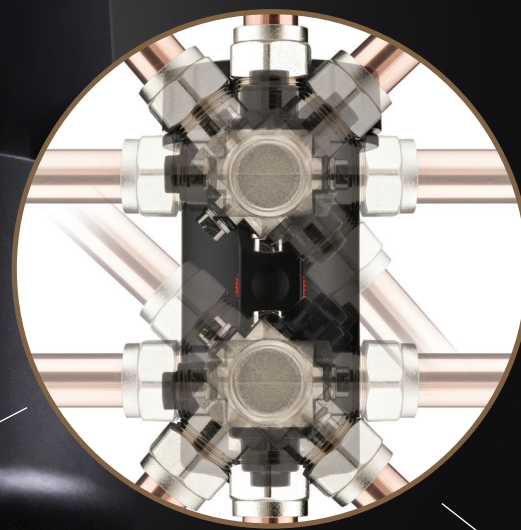
It's all in the detail

Since inventing central heating magnetic filtration in 2003, the *MagnaClean*® filter has been protecting over 9 million central heating systems around the world.

Many have tried to recreate ADEY's original invention, but none have succeeded in matching the unique features which make *MagnaClean* the leading magnetic filter.

ADEY *MagnaClean* has been installed by thousands of heating engineers and remains the installer's choice in protection from boiler breakdown, reduction in energy bills and reduced carbon emissions released from the home.

Bi-directional flow allowing any port to be an inlet with full capture capability also providing greater installation options.



Multi-pipework orientations make it ultra-flexible to install horizontally or vertically. Giving complete confidence of consistent performance no matter the system.

Ultra-thin sheath/sleeve maximises the magnetic force available to increase capture rate.

Magnetic and non-magnetic debris capture zones capture all damaging particle sizes in the system water for complete system protection.

Extra thick 5mm canister walls reduce heat loss from the filter as well as increasing the life of the product.

Individual serviceable parts, no need to replace entire unit and you can use the canister as a dosing pot.



Dual o-rings on serviceable components (vent and drain) provide extra protection and peace of mind should one require replacing.

EPDM rubber seal reduces compression impact (springs back and recovers), giving excellent high temperature resistance and heat ageing properties.

Powerful magnet positioned in the flow of the water gives excellent first pass capture and instant protection for the boiler. The powerful magnet attracts and keeps hold of tiny particles (as small as 2-8 microns in diameter) which may otherwise cause damage and boiler breakdown.

Unique quick-release system assists with easier and faster servicing, especially good in smaller spaces - minimal clearance needed and no need for drain down.

Inlet/outlet spaced further apart so water spends longer in the canister, allowing more time for magnetite to be captured.

Speed fit valves so there's no fiddly threaded connections

360° isolation valves for ease and flexibility of installation.



*MagnaClean's* unique design with integrated flow diverters, channels the flow around the magnet several times before exiting the filter. This innovative technology maximises the number of passes around the magnet to achieve the best possible capture performance, essentially eliminating the harmful effects of magnetite from reaching the boiler.

Ultimate process for capturing magnetite and debris first time meaning less magnetite passes into the boiler.

Exclusive filter design means any flow restriction caused by magnetite has minimal affect, even when the filter is full.

Servicing the filter is easy. The ability to remove the entire magnet and sheath allows a full internal visual inspection, so both magnet and canister can be thoroughly cleaned with nothing left behind.



A filter to fit any install thanks to the expansive range of *MagnaClean* filters, which are designed for different size systems and installs. Giving complete confidence of performance no matter the system.

Don't compromise, fit a *MagnaClean*®



See the full range