

# MagnaClean® Professional 2

Rapid in-line installation providing exceptional  
central heating protection

## MagnaClean Professional2 – Our word on it...

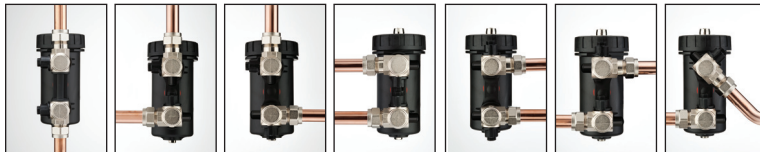
"Ever since we were first to market with the original MagnaClean Professional magnetic filter, we've had the benefit of detailed input from installers in the field. This has always been important to us and has inspired the development of MagnaClean Professional2. From the outset, we've received installer feedback on an ongoing basis and have conducted a number of surveys ourselves.

MagnaClean Professional2 has all the energy saving benefits of the original MagnaClean filter, which could reduce energy consumption in a typical household by up to 6%, but has been designed for faster and even simpler installation."

Chris Adey, Chief Executive, ADEY Professional Heating Solutions

## Multiple installation options

MagnaClean Professional2's in-line design and 360° rotational valves provide multiple installation options for installers. This ensures greater flexibility within the tightest working environments.



Our recommendation is to fit MagnaClean Professional2 on every new installation on the basis that prevention is better than cure. We also recommend installation after a MagnaCleanse. The benefits for your customer are tangible – A more efficient central heating system, a warmer home, and a longer operational system life.



Installation  
possible in  
just two  
minutes

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INNOVATION  
2012

# MagnaClean® Professional 2

## Magnetic and non-magnetic protection

**MagnaClean® Professional 2** has been developed by the industry leading company that pioneered magnetic filtration. ADEY's filters are already protecting nearly 1.5 million heating systems in UK homes removing virtually 100% of the damaging suspended black iron oxide sludge that builds up in all central heating systems.

The in-line, push-fit, filter not only extends the operational life of the central heating system, it reduces maintenance and heating energy bills as well as reducing carbon emissions.

### Installer benefits

- NEW in-line installation – In just two minutes
- NEW compact installation for tight spaces
- NEW low profile drain valve – Easier servicing and dosing
- NEW improved valves – Greater reliability
- NEW twin reverse flow – Maximising debris capture
- NEW improved sheath design – Dual non-magnetic capture
- NEW rapid fit connectors for faster servicing
- NEW high performance seals
- NEW air vent assembly
- NEW versatile installation options

There's never been a greater need to safeguard what amounts to one of the most important and expensive appliances in the modern home – The central heating system.

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

*MagnaClean Professional 2* is a proven, high efficiency, full-flow, magnetic and non-magnetic filter designed to protect domestic heating systems.

### Homeowner benefits

- Immediate ongoing system protection
- Reduced heating bills – up to 6% a year
- Reduced carbon emissions
- Reduced maintenance costs
- Extended system lifetime
- No ongoing running costs



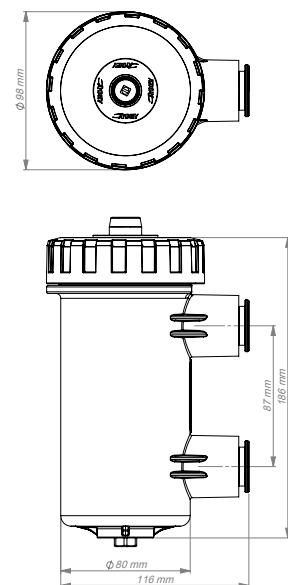
Having drained the system, it's possible to install *MagnaClean Professional 2* in just two minutes saving installers considerable time and trouble.

In another significant development, *MagnaClean* can now be fitted in-line on the return pipe. This delivers a higher level of protection for the boiler and again makes life easier for the installer with quicker fitting times. A new slip socket design enables simple in-line fitting followed by tightening of two compression joints. It's that easy.

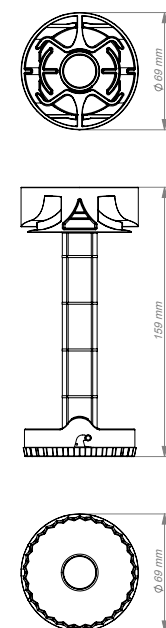
The design of the *MagnaClean Professional 2* sheath and canister incorporates dual reverse flow zones within the filter. This maximises the capture of both magnetic and non-magnetic debris from the system. It's achieved by diverting, controlling and slowing the flow as it passes through the canister. These reduced flow areas create ideal conditions for the removal of non-magnetic debris. Crucially, this unique sheath and canister design maximises first pass capture, 'ACTIVELY' trapping any circulating dirt and providing year round protection. Full flow is assured even when the filter is fully saturated with debris.

## Technical specifications

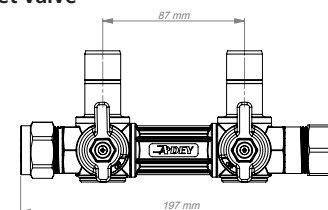
Canister



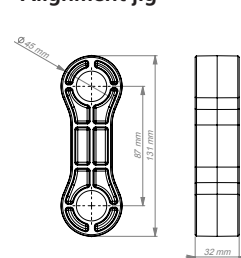
Non-magnetic sheath



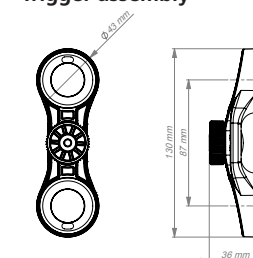
Inlet/outlet valve



Alignment jig



Trigger assembly



## How it works in seconds!



Black iron oxide sludge is deposited in a container



The *MagnaClean* filter is placed into the container...



Within seconds, the water starts to clear as *MagnaClean* sets to work...



After just ten seconds, virtually all sludge has been trapped and the water is clear...



The *MagnaClean* filter is removed for easy cleaning.

For more information or to see this step by step demonstration, visit

[www.adey.co.uk](http://www.adey.co.uk)