



MagnaCleanTM

Atom

Product Specification

MagnaClean Atom Technical Specification

MagnaClean Atom® the super compact, space saving filter.
Developed with installers for even the tightest of installations.

Features

- Super compact, space saving filter
- Only 115mm pipe cut out needed to install
- Fits vertical and horizontal pipework
- Filter can be switched to bypass when servicing
- Supplied fully assembled and ready for installation
- Slip socket design for easy installation

Benefits

- Fits into even the tightest of spaces
- No need to turn off the heating system when servicing
- Installation can be completed in just two minutes
- Quick and easy chemical dosing using ADEY *Rapide*®

Fit a filter every time

MagnaClean Atom should be fitted in-line on the return pipe.
Alternative sitings can be located when the return pipe is not available.
ADEY always recommends that a magnetic filter be installed on both new and existing systems to extend the operational life of the boiler as well as reduce maintenance call-outs and heating bills.

ADEY Best Practice™ essentials: *MC1+Rapide*™ Central Heating System PROTECTOR *MC3+Rapide*™ Central Heating System CLEANER.



Technical Specification:

Internal water operating temperature: 3°C to 95°C

Internal operating water pressure: up to 4.5 bar

Maximum flow rate: 50 L/min

Canister and threaded ring material: Glass reinforced polymer

Fluid capacity: 230 ml

Inlet: 22mm compression

Outlet: 22mm compression

Thread: Pressure thread

Flow configuration: One direction only

Valve to canister seal: EPDM

Magnet length: 82.5mm

Magnet diameter: 20 mm

Bleed valve

Body material: Brass

Screw: Brass

Thread interface: M6

Drain port

Drain plug material: Brass

Drain plug thread: M8 (non standard)

Seals: EPDM

Servicing Clearance

Air vent: 20 mm

Drain Plug: 30 mm

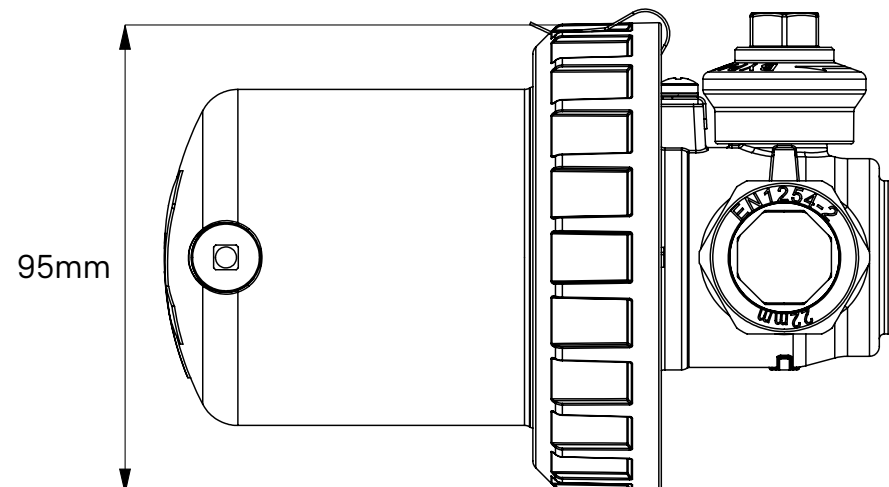
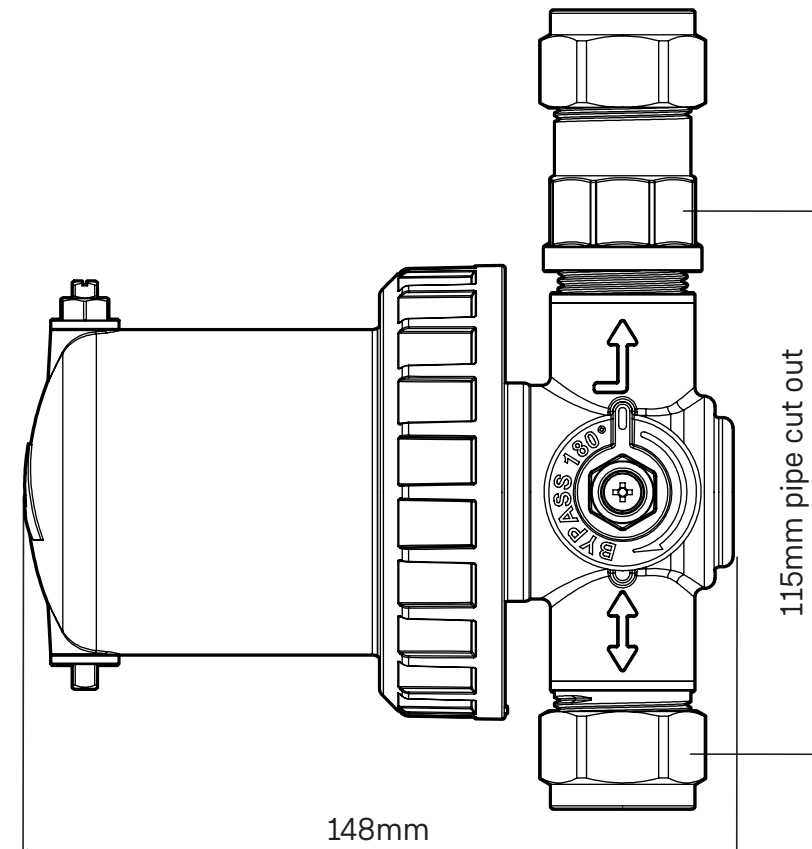
Packaging and handling:

Packaged in single units with all components included

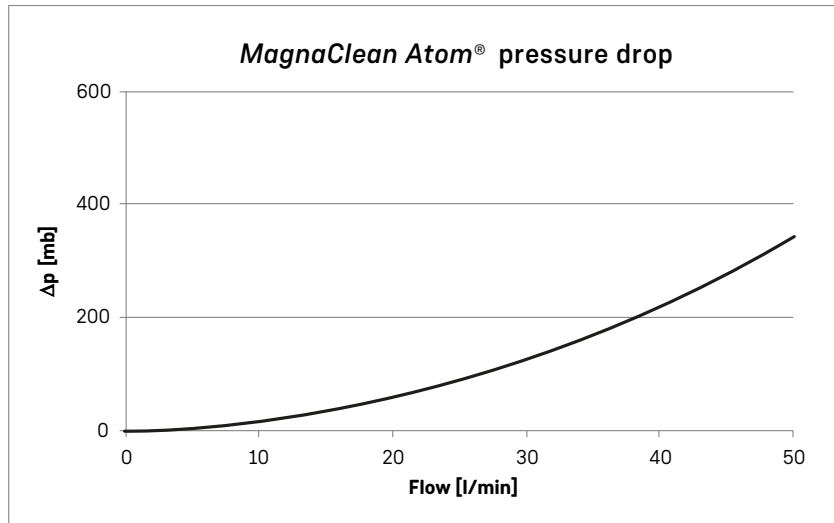
Storage

No special storage requirements necessary

Full installation instructions are supplied with each filter and are also available to download from adey.com



Flow resistance graph:



Application:

MagnaClean Atom's in-line design and 360 rotational valves provide multiple installation options enabling greater flexibility within the tightest working environments.

For optimal results, it's recommended that dirty systems should have a system cleanse carried out before installation of a *MagnaClean*® filter. Always re-dose the system with ADEY *MC1+ Rapide* Central Heating System PROTECTOR following cleansing or maintenance.

