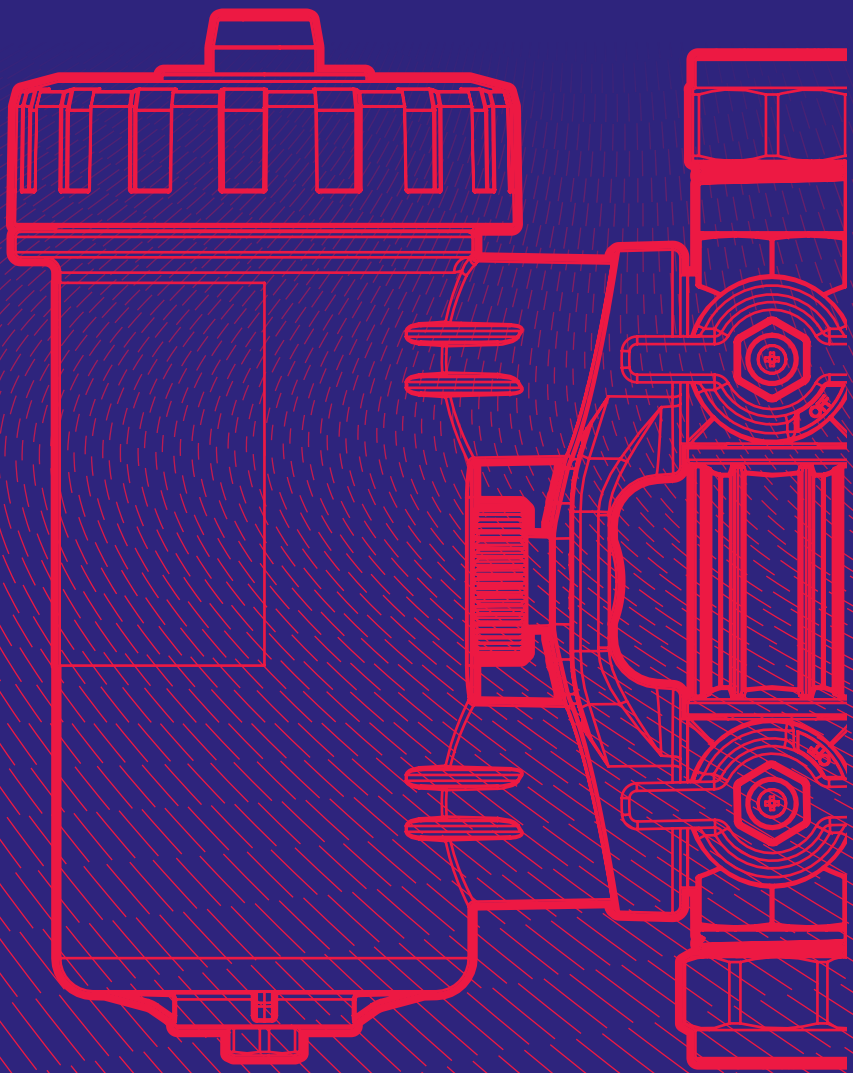
MagnaClean®
Professional2

Installation and servicing



MagnaClean Professional2®

MagnaClean Professional2 is a proven high-performance filter offering guaranteed protection for domestic central heating systems.

Important

The following instructions are designed to support engineers in the safe and effective installation and servicing of *MagnaClean Professional2* and should be followed at all times. It is recommended that the filter is installed by a qualified heating engineer. The lid seal should be checked for wear when servicing *MagnaClean*®. It is Best Practice to replace the lid seal at each service. To arrange replacements please visit adeyspares.co.uk or contact the ADEY Team on +44 1242 546717.

CAUTION:



MagnaClean filter contains a strong magnet. Keep away from all electrical devices, bank cards and other magnetic devices.



MagnaClean filter contains a strong magnet. Caution should be taken at all times when handling if you have a pacemaker fitted.



MagnaClean filter is a pressurized device. Always release pressure before servicing.



Unit may be hot in operation. Handle with care.

Always follow the electrical and safety standards when installing a filter ensuring pipework is appropriately earth bonded either side of the filter.

It is recommended that the filter is installed by a qualified heating engineer.

Care should be taken when handling. During transportation, secure the unit properly to prevent any damage. If this product is not being installed immediately, ensure it is stored in a dry, frost-free location in its original packaging.

These product assemblies contain valuable materials which can be recovered or recycled. At the end of the product's useful life, please leave it at an appropriate local civic waste collection point.

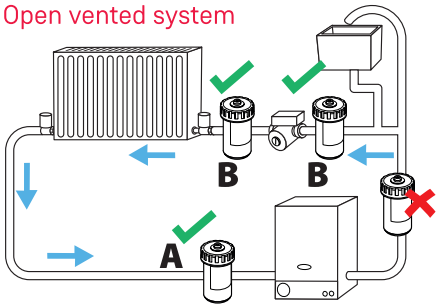
Use tool (provided in pack) to tighten lid.

Always re-dose the system with a suitable Protector such as ADEY *MC1+*® Central Heating System Protector.

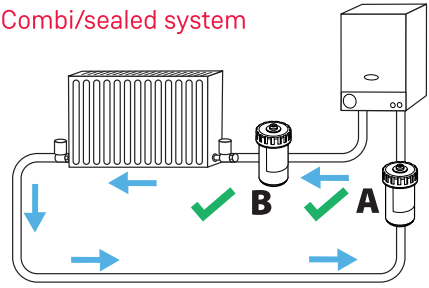
Installation overview

MagnaClean Professional2 can be installed anywhere before the boiler. To achieve the best level of protection, it is recommended that the filter is fitted after the last radiator and before the boiler. This also ensures a system flush can be carried out using a *MagnaCleanse*® on the return (position A only).

Open vented system

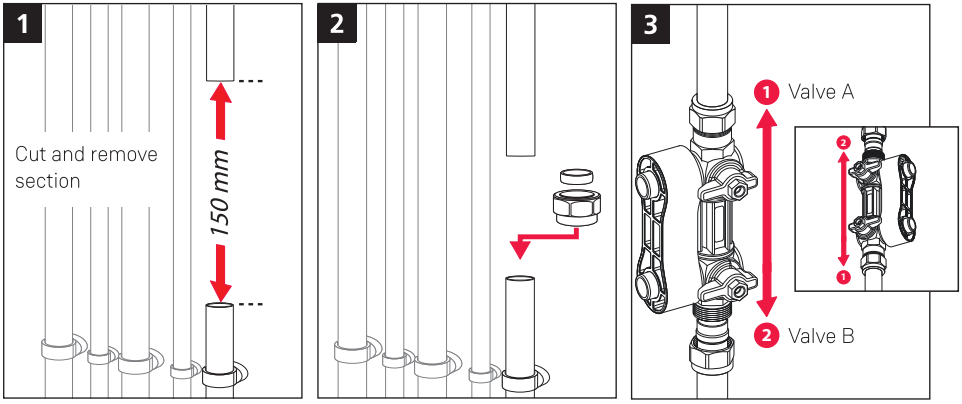


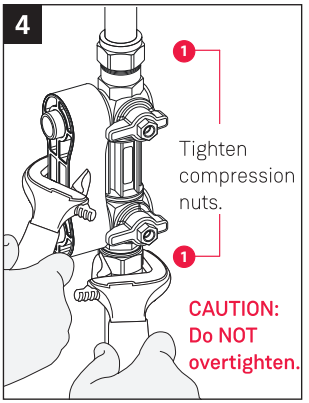
Combi/sealed system

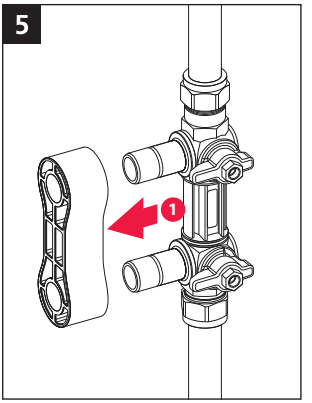


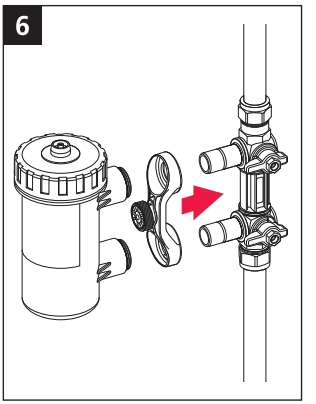
Note: In both diagrams, position A is best practice, Position B is suitable if space is tight on the return.

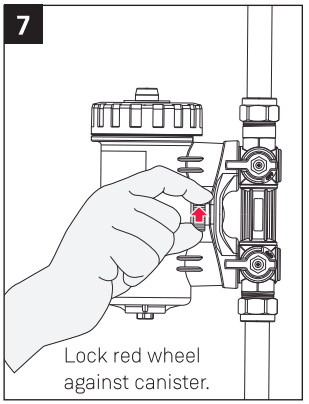
New filter installation - Always ensure the filling loop is fitted after the filter.

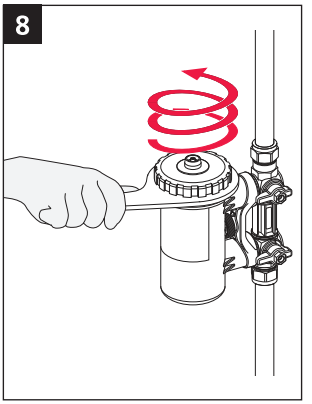


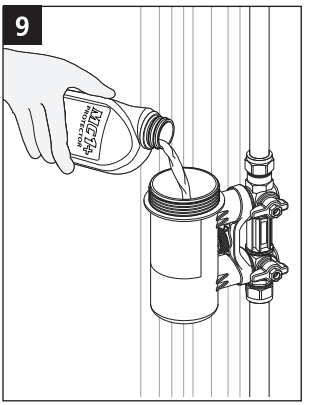

4
1
Tighten compression nuts.
1
CAUTION: Do NOT overtighten.

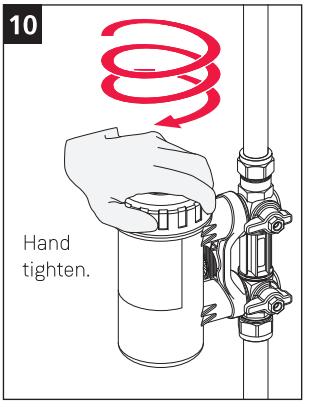

5
1

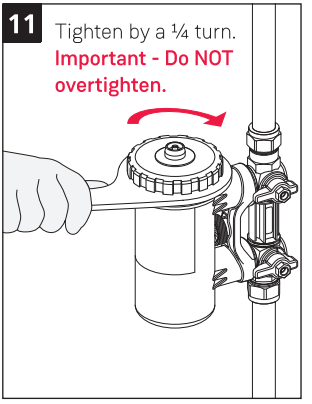

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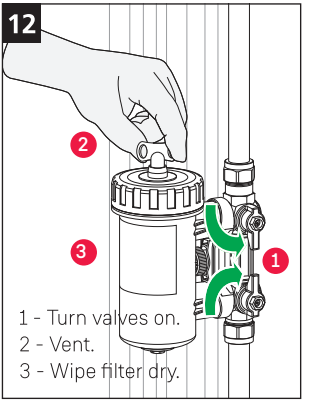

7
Lock red wheel against canister.


8

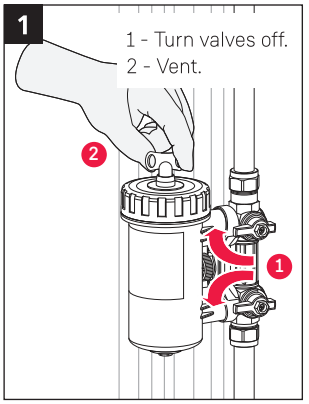

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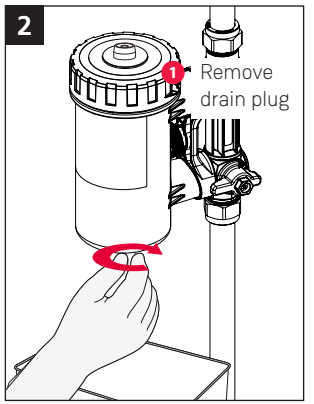

10
Hand tighten.

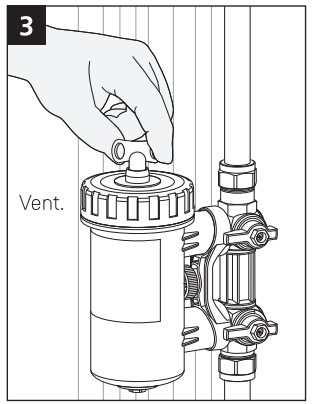

11
Tighten by a ¼ turn.
Important - Do NOT overtighten.

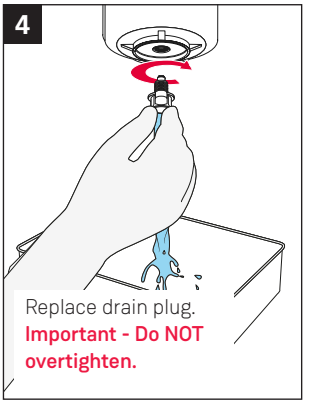

12
2
3
1
1 - Turn valves on.
2 - Vent.
3 - Wipe filter dry.

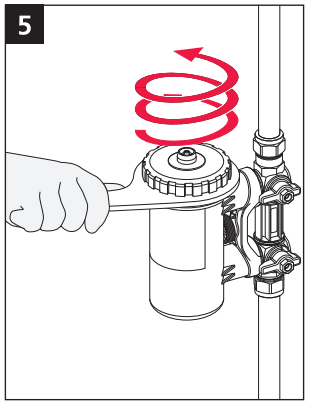
Servicing

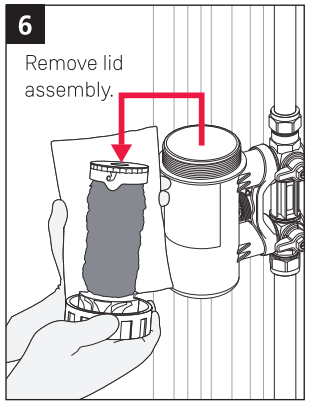

1
1 - Turn valves off.
2 - Vent.
2
1

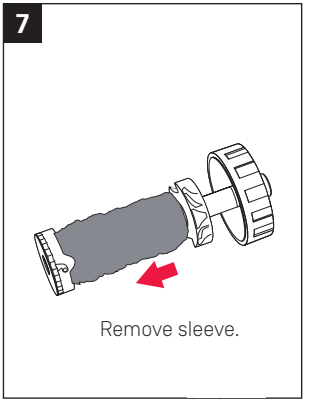

2
1
Remove
drain plug

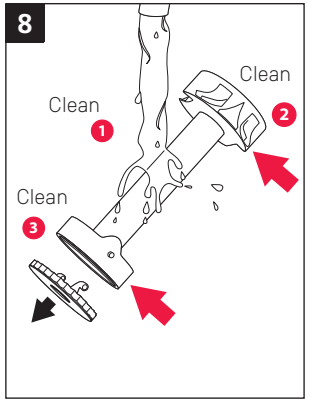

3
Vent.

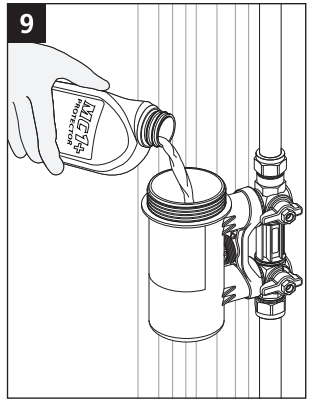

4
Replace drain plug.
Important - Do NOT
overtighten.


5

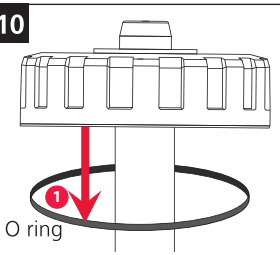

6
Remove lid
assembly.


7
Remove sleeve.


8
Clean
1
Clean
2
Clean
3


9

10

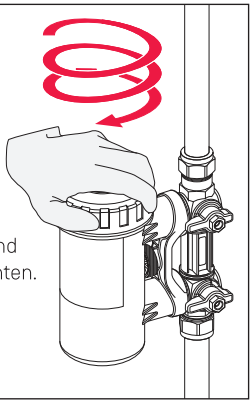


O ring

The lid seal should be cleaned and checked for wear when servicing *MagnaClean*. It is Best Practice to replace the lid seal at each service.

Only use Silicon grease or water to lubricate O ring.
Do not use flux or EP grease.

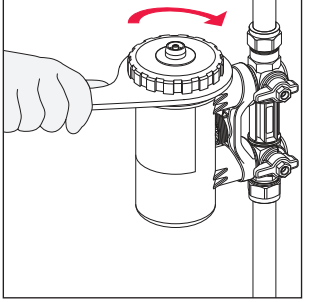
11



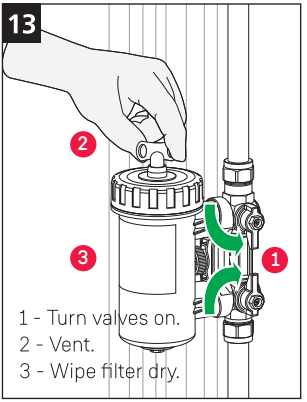
Hand tighten.

12

Tighten by a ¼ turn.
Important - Do NOT overtighten.



13



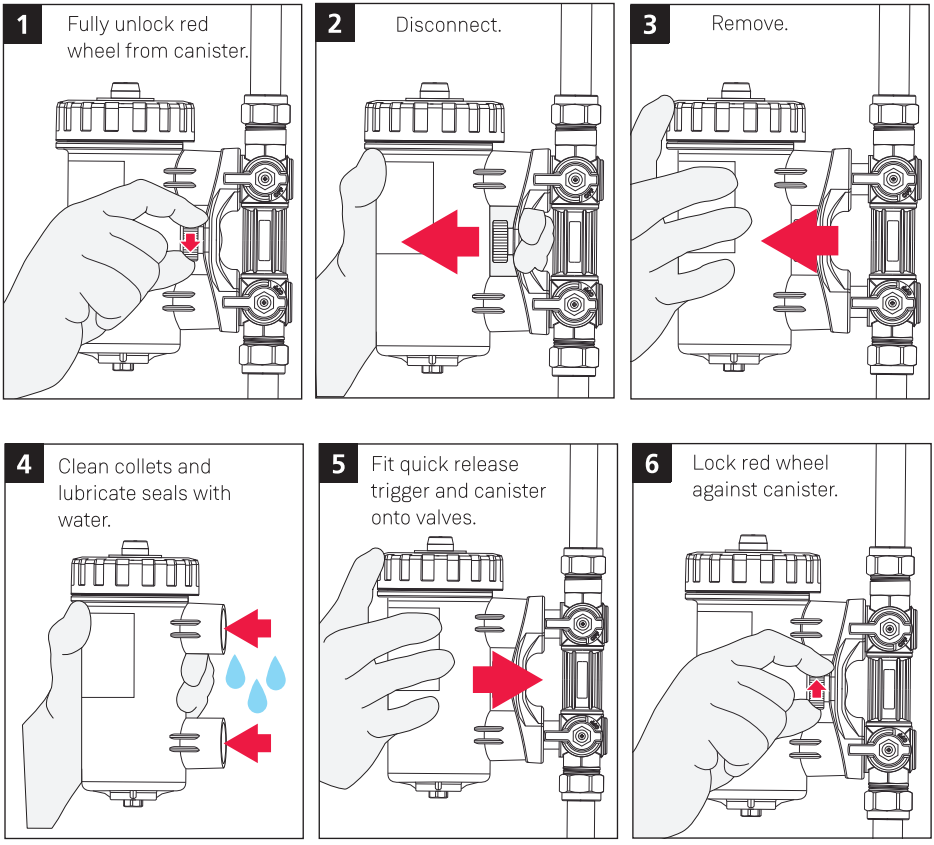
1 - Turn valves on.
2 - Vent.
3 - Wipe filter dry.

Quick-release trigger

MagnaClean Professional2 incorporates a secure, quick-release, trigger which enables the filter to be removed and re-installed in seconds. The connections enable easy and swift filter removal during annual servicing or to undertake a *MagnaCleanse* system flush. This also makes it ideal for systems where there is little room to install a filter.

The following instructions are designed to support engineers in the safe and effective servicing of *MagnaClean Professional2* using the quick-release trigger.

NOTE: Follow servicing steps 1, 2, 3, 4 and 5 before following Quick-release trigger steps below.





Telephone: +44 1242 546717 Email: info@adey.com
www.adey.com

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