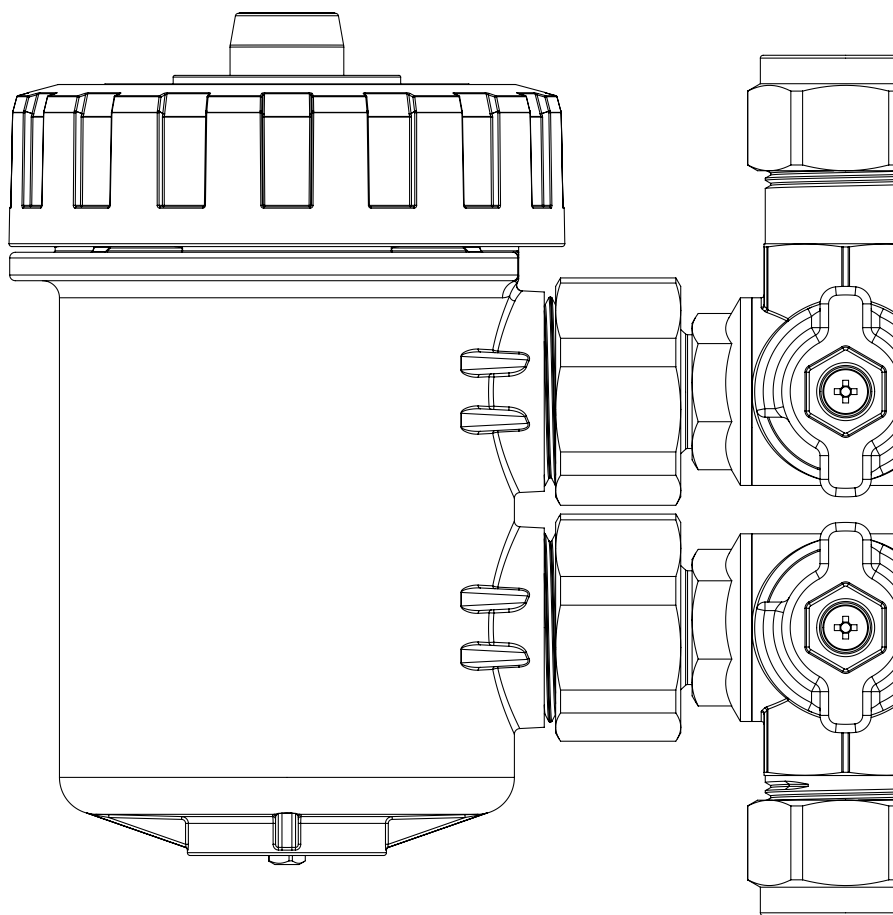




MagnaClean

Micro

Installation and servicing



MagnaClean Micro[®]

MagnaClean Micro is a compact filter delivering exceptional protection for domestic central heating systems.

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.

IMPORTANT

The following instructions are designed to support engineers in the safe and effective installation and servicing and should be followed at all times. 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 (0)1242 546717.

Max. working pressure	5 bar
Max. working temperature	95°C
Flow rate	<50 l/min
Inlet	Bi-directional

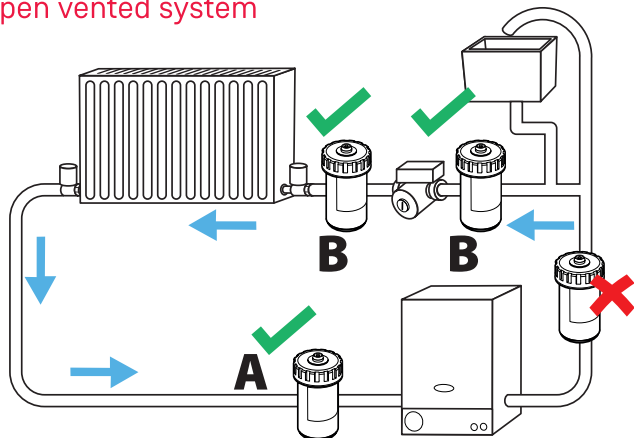
- Always follow the electrical and safety standards when installing a filter ensuring pipework is appropriately earth bonded either side of the filter.
- It is recommended that the filter is installed by a qualified heating engineer.
- Care should be taken when handling. During transportation, secure 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 Protector such as ADEY MC1+[®] or MC1+ Rapide[®] Central Heating System Protector

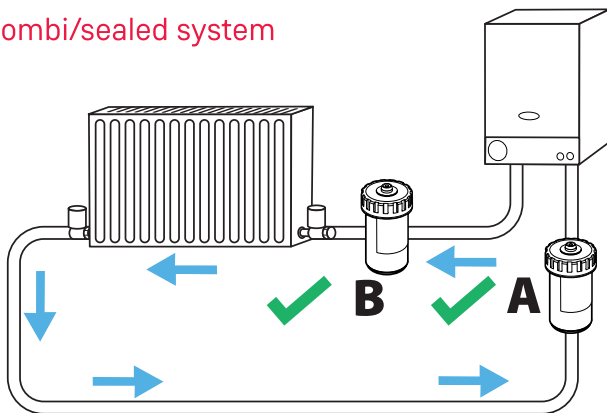
Installation overview

MagnaClean Micro 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

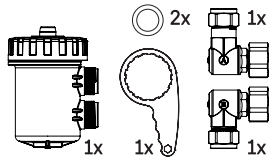


Note: In both diagrams, position A is best practice, Position B is suitable if space is tight on the return.

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

1 Contents

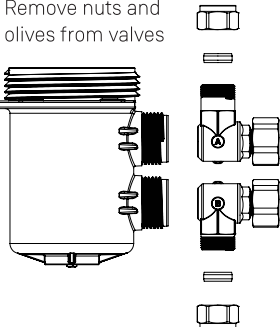
'A' Valve is slip socket
Can be used on either port



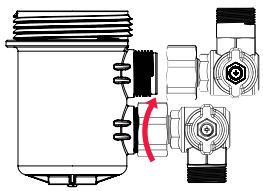
Remove lid from canister
using lid spanner provided

2

Remove nuts and
olives from valves

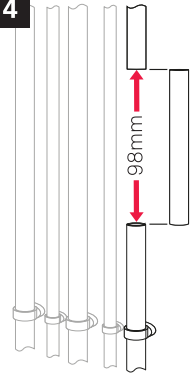


3



Hand tighten
nuts to canister

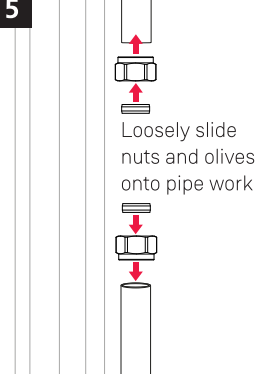
4



98mm

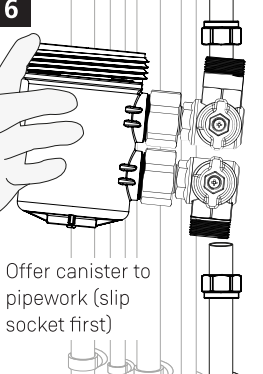
Cut and
remove
section

5



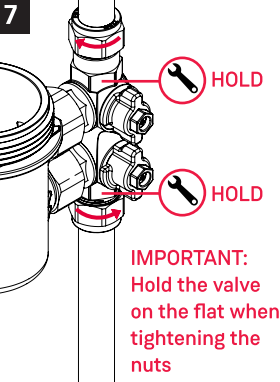
Loosely slide
nuts and olives
onto pipe work

6



Offer canister to
pipework (slip
socket first)

7

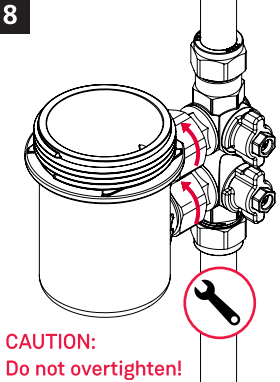


HOLD

HOLD

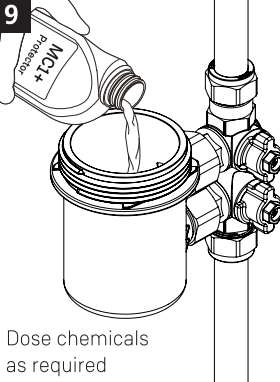
IMPORTANT:
Hold the valve
on the flat when
tightening the
nuts

8



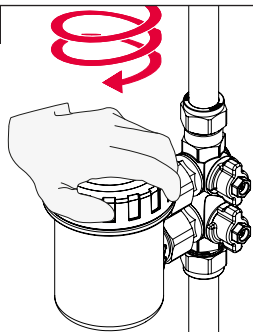
CAUTION:
Do not overtighten!

9



Dose chemicals
as required

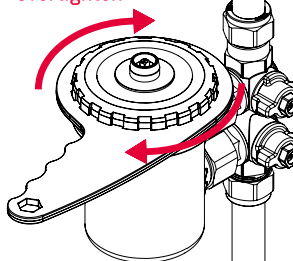
10



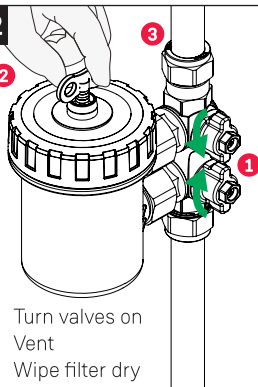
Hand tighten

11

Tighten by a $\frac{1}{4}$ turn.
**Important- Do NOT
overtighten**

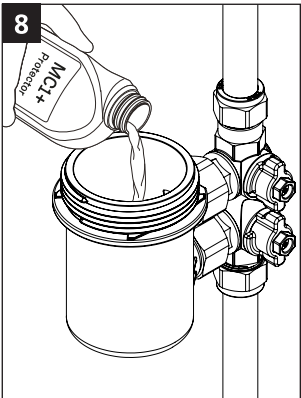
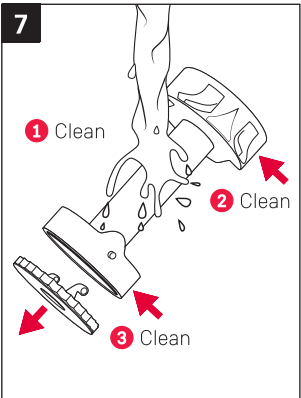
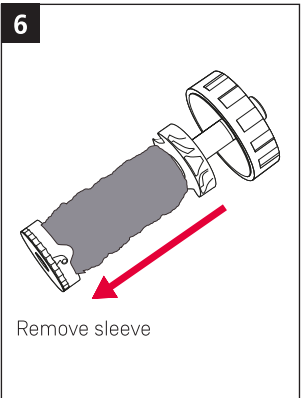
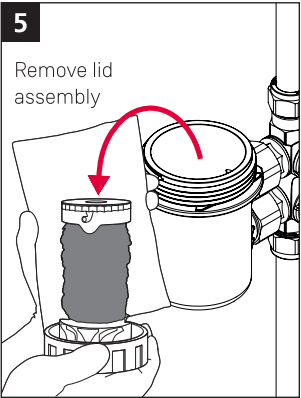
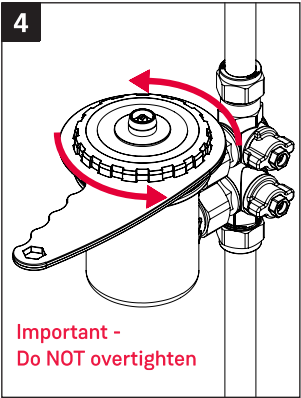
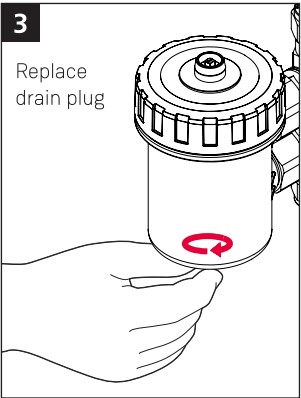
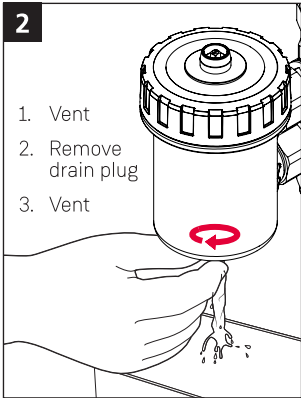
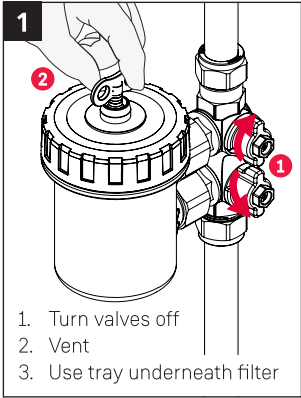


12



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

Servicing



Servicing

9

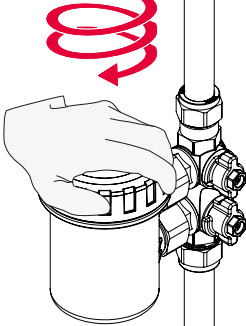


O ring 1

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.

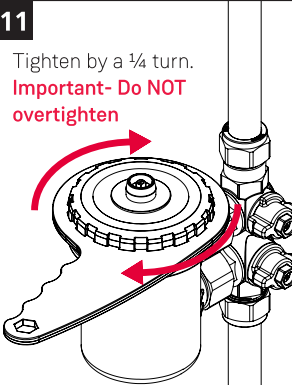
Only use Silicon grease or water to lubricate O ring. **Do not use flux or EP grease.**

10



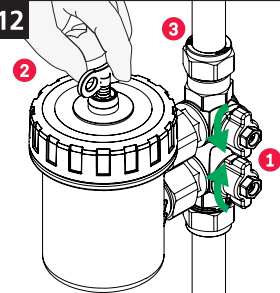
Hand tighten

11



Tighten by a $\frac{1}{4}$ turn.
Important- Do NOT overtighten

12



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



Test



Clean



Protect



Maintain



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www.adey.com

Produced from recycled material

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