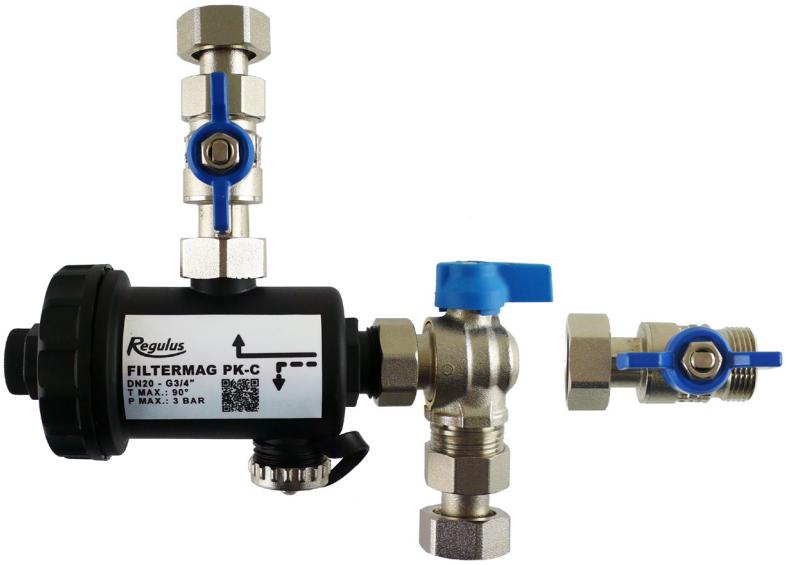
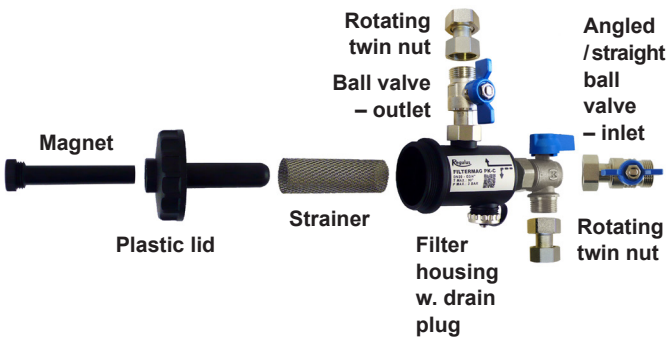
DATA SHEET

FILTERMAG PK-C 3/4" Filter with magnet



Main Features	
Application	It removes impurities from the working fluid using a magnet and a stainless steel strainer, thus extending the life of heating system components, especially of condensing boilers and other heat sources.
Description	The filter is designed for easy placement under a heat source, typically under a condensing boiler. Impurities present in the working fluid are caught by the strainer during the flow through the filter, mechanical metal impurities are trapped by the magnet. The filter shall be cleaned regularly, the frequency of maintenance depends on the degree of contamination of the working fluid, cleaning once a year during a boiler inspection is usually sufficient. The flow of working fluid through the filter can be easily shut off using two ball valves included in the delivery. A drain plug is used to drain fluid from the filter housing.
Installation	Before a boiler into the return piping from heating ciruits, the outlet to the boiler and the drain can be interchanged, it is necessary to observe the flow direction indicated in the connection options on the following page.
Working fluid	Water, antifreeze fluid for heating systems.
Code	**21876**

COMPOSITION OF FILTER WITH MAGNET



Scope of Supply	
FILTERMAG PK filter w. magnet	1 ks
Angled ball valve for inlet	1 ks
Angled ball valve for outlet	2 ks
Rotating twin nut	2 ks
Nut gasket	6 ks

Technical Data	
Max. working pressure	3 bar
Working temperature range	4–90 °C
Magnetic induction	0.6 T (6000 Gs)
Strainer mesh size	0.5 mm
Connections	G 3/4" M (w. Fu twin nut) x G 3/4" M (w. Fu twin nut)

Materials	
Filter cap	plastic
Filter housing	plastic
Filter strainer	stainless steel AISI 302
Magnet	neodym NdFeB
Ball valves and plug	brass, CW617 N

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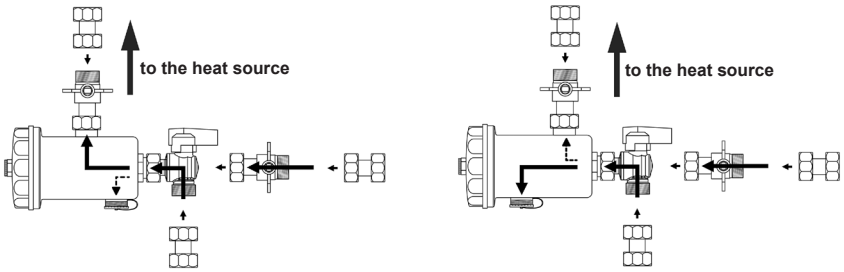
How to clean the filter

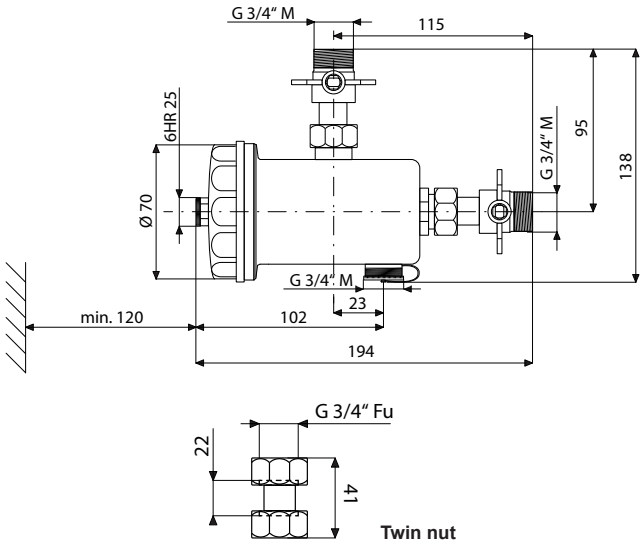
1. Fully close both ball valves at the inlet and outlet.
2. Drain the fluid by opening the plug.
3. Unscrew the plastic cap with the magnet.
4. Remove the filter strainer.
5. Unscrew the magnet.
6. Clean the magnet and strainer of any debris.
7. Reassemble.
8. Fully open both ball valves.

Connection options

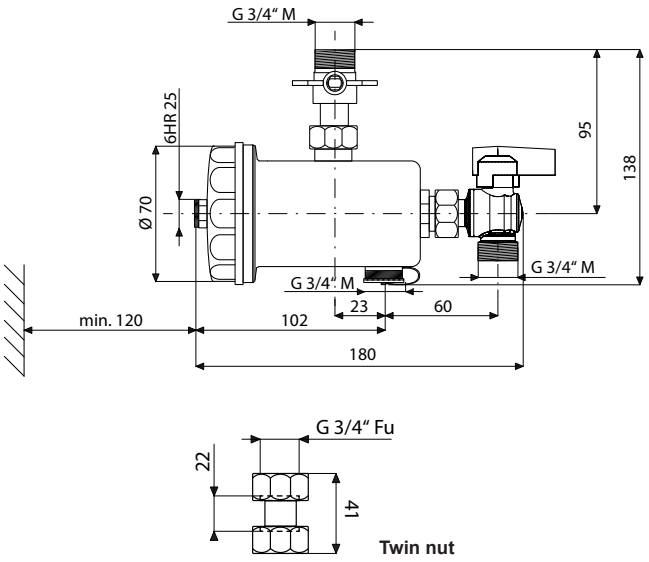
The arrows indicate the direction of flow of the working fluid



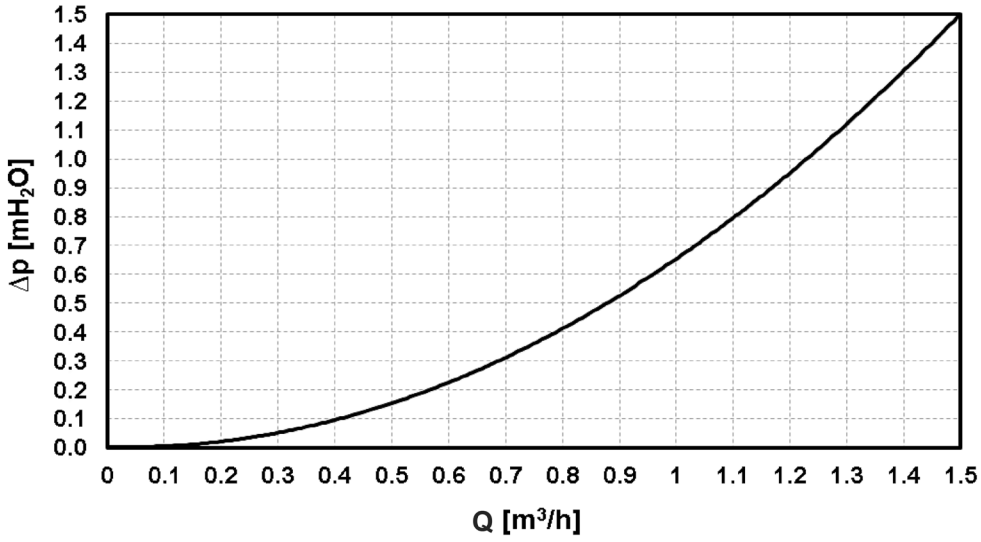
Dimensional diagram with straight valve at the inlet



Dimensional diagram with angled valve at the inlet



Pressure Drop Diagram



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