DATA SHEET

FILTERMAG PK 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 by the two ball valves that are included in the delivery. The drain plug is intended to drain the fluid from the filter housing.
Installation	upstream of the boiler in the return line from heating circuits, the port to the boiler and the drain port can be interchanged, the flow direction marked in the connection options on the following page must be observed
Working fluid	water, antifreeze fluid for heating systems
Code	**18215**

COMPOSITION

Scope of Supply	
Filter with magnet FILTERMAG PK	1 pc
Angled ball valve, inlet	1 pc
Ball valve, outlet	1 pc
Double swivel nut	1 pc
Nut gasket	4 pcs

Technical Data	
Max. working pressure	3 bar
Working temperature range	4-90 °C
Magnetic induction	1.32 T (13 200 Gs)
Strainer mesh size	0.8 mm
Connections	G 3/4" M x G 3/4" Fu

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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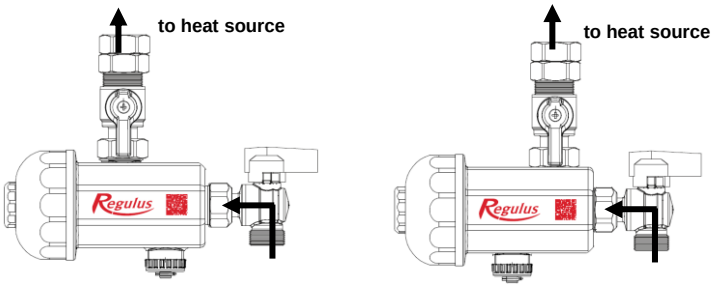
Filter cleaning procedure

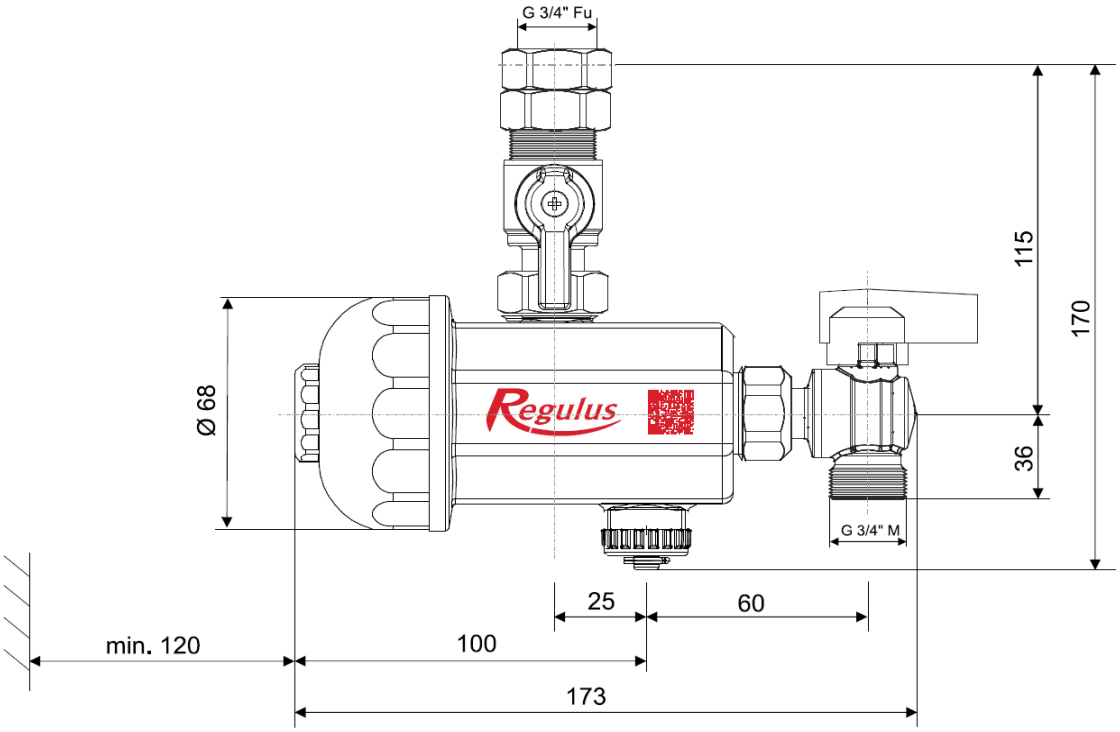
1. Fully close both ball valves at the inlet and outlet
2. Drain the liquid by removing the plug
3. Unscrew the plastic cap with magnet
4. Remove the strainer
5. Unscrew the magnet
6. Clean the magnet and strainer of dirt
7. Reassemble
8. Fully open both ball valves

Connection Options

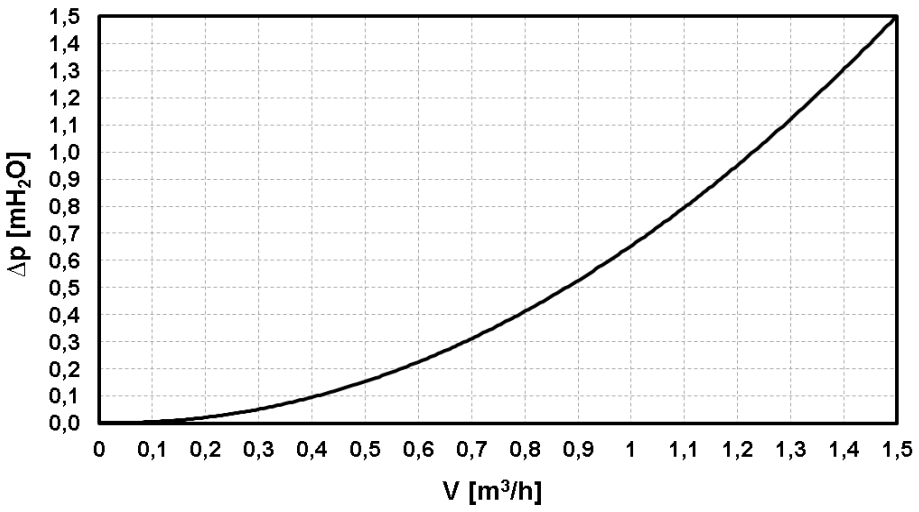
the arrows indicate the flow direction of the working fluid



Dimensions



Pressure Drop Diagram



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