



[www.regulus.eu](http://www.regulus.eu)



FILTERMAG 1\"M

Installation and Operation Manual  
**REGULUS STRAINER WITH MAGNET 1\"M**

**EN**

**FILTERMAG 1\"M**

# 1. Application

Regulus Strainer with Magnet is designed to collect particles from heating systems. The magnet integrated in its body attracts metal magnetic particles of even microscopic size. The stainless steel strainer collects both metal and non-metal particles and has an enlarged surface area which, combined with the magnet, ensures a longer maintenance interval.

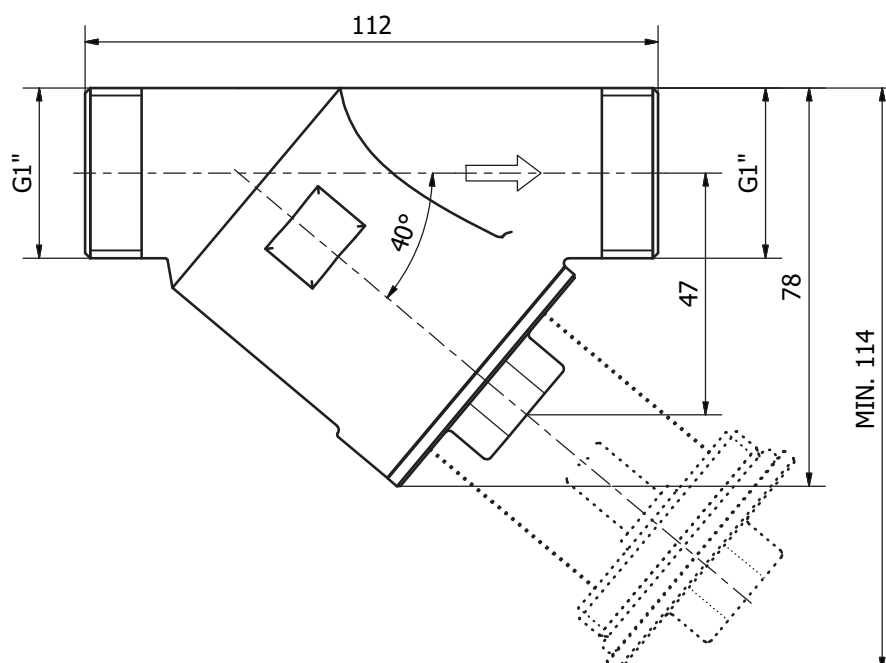
# 2. Technical Data

Main Features	
Nominal pressure	PN 10
Max. working temperature	100 °C
Working fluid	heating water
Connections	G 1" M
Weight	715 g
Code	17610

Data for the magnet and strainer	
Magnet type	rod magnet axially magnetized
Magnetic induction	1.3 T (13 000 Gs)
Adhesive force	~5 kg
Strainer mesh size	1 mm

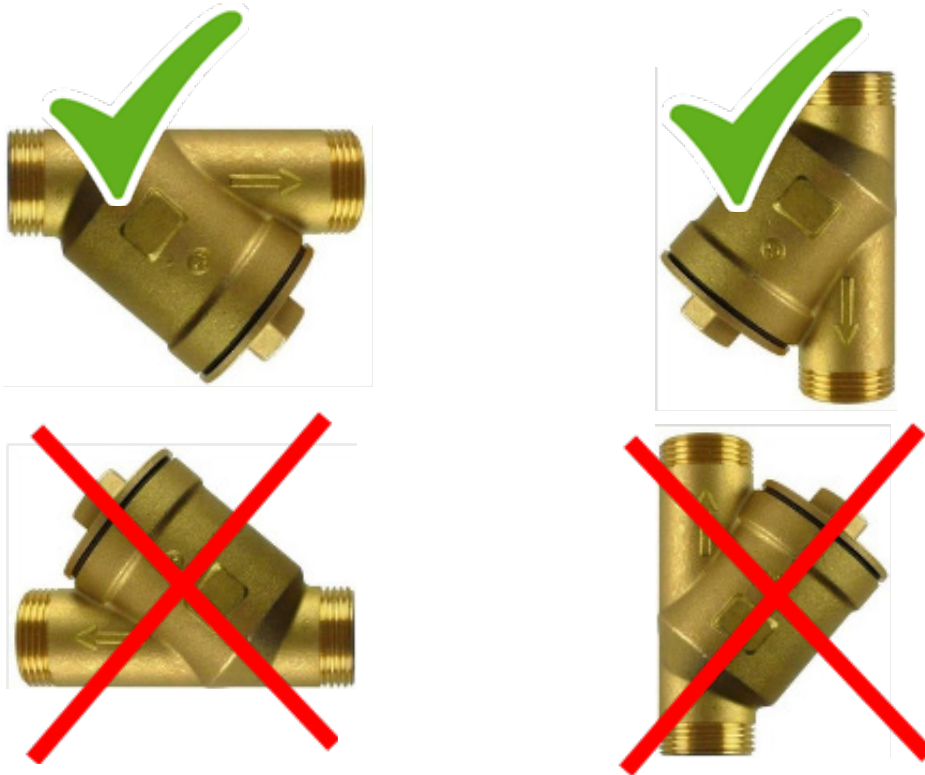
Materials	
Strainer body	brass CW617N
Strainer cap	brass CW617N
O-ring	EPDM
Magnet	NdFeB
Magnet surface treatment	Ni-Cu-Ni
Strainer	stainless steel

## Dimensions



### 3. Installation

The Strainer is intended for installation in heating circuits. It connects with two G1" M threads which can be sealed either with a thread sealant (hemp, Teflon) or with flat gaskets. The strainer shall be installed in the heating system so that the arrow on the filter body points in the flow direction of the working fluid. The strainer can be installed either horizontally or vertically, but the strainer cap must always be facing downwards, see fig. The strainer cap must remain easily accessible for regular cleaning.



### 4. Maintenance and Cleaning



Regular cleaning of the filter screen is recommended; the frequency of maintenance depends on the degree of contamination of the working fluid used. The longest interval between the checks of the strainer/magnet is 1 year.

Before cleaning the strainer, first close the valves upstream and downstream of the filter. If the heating system is not provided with such valves, it is necessary to drain the working fluid from the system so that it cannot escape from the system after unscrewing the strainer cap.

Unscrew the strainer cap and remove it together with the strainer and magnet. Check the inside of the strainer body for impurities. Remove the strainer from the cap and rinse under a stream of water. Inspect the O-ring seal on the strainer cap for mechanical damage. Clean the magnet with a cloth, put the strainer back into the round shoulder in the cap and screw the assembly back into the strainer body and tighten.

The cap thread is sealed with an O-ring of the size Ø45x3 mm.

