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## PLASTICMAG.PL MAGNETIC DIRT SEPARATOR

Model PlasticMAG.PL

### Product informations

The **PlasticMAG.PL** filter is designed to be installed on heating systems to eliminate impurities circulating in pipes which are potentially dangerous to the implants themselves. This product is able to remove muddy or sandy debris thanks to a PP diffuser and the smallest ferros residues thanks to a powerful magnet inside it; after the impurities have been thus separated, they can be easily eliminated by opening the filter drain and simultaneously removing the magnet. The compact dimensions allow you to install the magnetic filter in very narrow spaces.

### **OPERATION**

The water enters in the filter, goes through the diffuser and is subjected to the force of the powerful removable magnet inside. In this way, larger particles are blocked by the diffuser and they will be deposit at the bottom of the filter, while ferrous impurities remain blocked on the magnetic surface until the magnet is removed. Impurities are eliminated with the cleaning operations listed in the "Maintenance" paragraph.

### **ASSEMBLY**

The **PlasticMAG.PL** filter is designed to protect heating systems and it should be installed on the return line before the boiler to best perform its function. To ensure perfect operation, the filter should only be mounted on systems that are made in full compliance with current regulations and the pipes and equipments installed are clean and free from impurities. The equipment must be installed by providing adeguated



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space for maintenance.

**It is strongly advisable to provide the filtration system with a suitable by-pass system that allows the exclusion if necessary.**

<i>PRODUCT COMPOSITION</i>	
1	BODY
2	DIFFUSER
3	MAGNET GROUP WITH FLAT SEAL AND LOCK RING
4	INLET VALVE COMPLETE WITH SEALS
5	OUTLET CONNECTION COMPLETE WITH SEALS
6	COMPLETE SEALING CAP
7	MAGNET

## Technical Features

<i>TECHNICAL FEATURES</i>	
<i>CHEMICAL COMPATIBILITY</i>	WATER / WATER AND GLYCOL
<i>MAX INLET PRESSURE</i>	3 BAR
<i>WORKING TEMPERATURE</i>	0 ÷ 90°C
<i>DEGREE OF FILTRATION</i>	G 3/4" M/F UNI-EN ISO 228
<i>KV (RANGE WITH DP 1 BAR)</i>	5,4 M <sup>3</sup> /H
<i>MAGNETIC FIELD INTENSITY</i>	9000 GAUSS



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TECHNICAL FEATURES	
CONNECTIONS	3/4"
DIMENSIONS	92 X 62 X 110 X 195 MM (AXBXCXD)

CONSTRUCTIVE FEATURES	
BODY	PP +30% FV
FITTINGS AND PLUGS	BRASS CW 617N UNI EN 12165 NICKEL PLATED
FILTERING ELEMENT	PP +30% FV
MAGNET	NEODYMIUM 9000 GAUSS

SKU	MODEL	PRICE
00000070038	PLASTICMAG.PL MAGNETIC DIRT SEPARATOR	€51.7 VAT EXCLUDED

