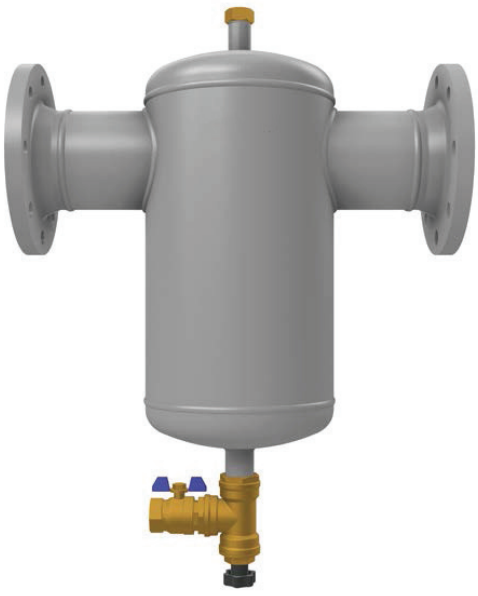


Rev. 04/2024

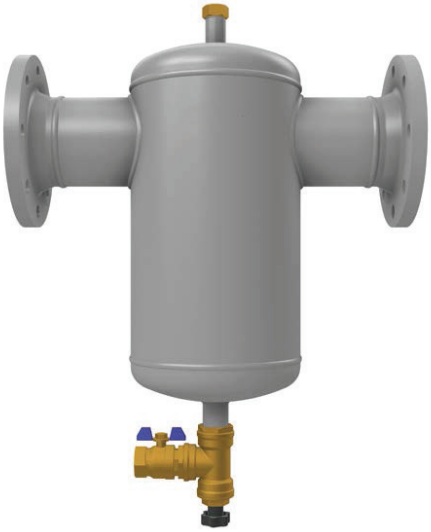
FLANGED DIRTERM MAG

Steel magnetic dirt separator.

Rev. 04/2024

FLANGED DIRTERM MAG

Steel magnetic dirt separator.



Manufactured in accordance with 2014/68/EU Pressure Equipment Directive and EN 13445-3 standards.

Self-cleaning magnetic sludge remover filter / flanged deaerator. With drain ball cock

Main body and flanges in electrostatically powder-coated steel on the outside

Stainless steel filtering cartridge

Elastomer seals

PN16 flanged couplings

Max operating pressure 10 Bar

Max operating pressure 110 °C

PRODUCTION RANGE

Code	Size	Pack	Outer	Cat.
3173.09.72	DN50 + Insulation	1	1	20.03
3173.10.72	DN65 + Insulation	1	1	20.03
3173.11.72	DN80 + Insulation	1	1	20.03
3173.13.72	DN100 + Insulation	1	1	20.03
3173.14.72	DN125	1	1	20.03
3173.15.72	DN150	1	1	20.03

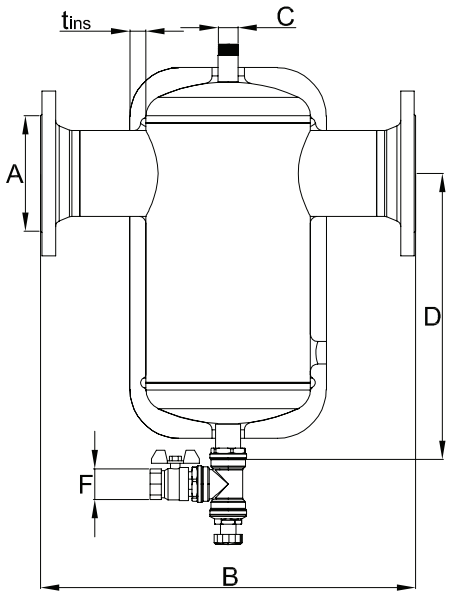
SPECIFICATIONS / USAGE AREAS

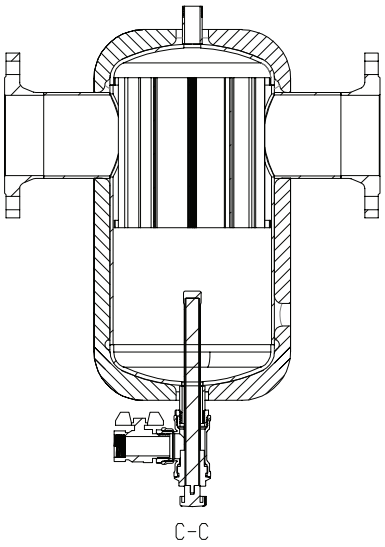
- Since the cleaning and maintenance of the classical type of dirt separators cannot be made easily by the user, they generally become out of function by time. With the help of ball valve on the bottom of the Steel Magnetic Dirt Separator, cleaning can be done very easily.
- Specially designed stainless steel mesh filters are present.
- Percentage of glycol in the heating system is maximum 50%
- Accumulated impurity volume is much bigger according to classical dirt separators. Needed periodic cleaning is much more less.
- The water flow rate is low at the bottom where the super strong magnet is located. Therefore, it can catch even the smallest parts.
- When the discharge valve is opened, the magnet is removed and accumulated parts under the body are taken out. In order for the magnet to be removed easily, the Steel Magnetic Dirt Seperator must be mounted at least 30 cm above the ground.

TECHNICAL FEATURES

Maximum Operating Temperature	110 °C
Maximum Operating Pressure	1000 kPa (10 bar)
Connection Sizes / Pressure Class	
Flanged Connection	DN50-DN150 / PN16
Filter Material	Stainless steel
Outer Surface Protection Paint	Electrostatic Powder Paint

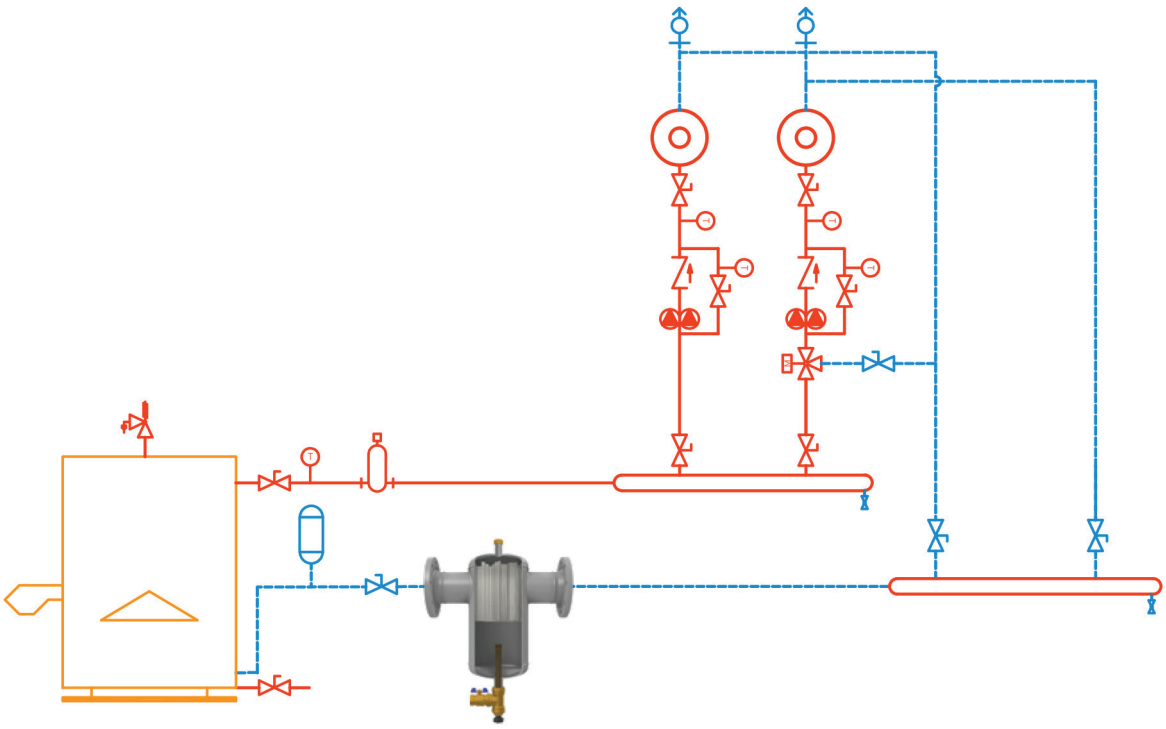
DIMENSIONAL FEATURES





Code	A		B	C	D	E	F	Insulation Type	t_{ins} [mm]	Weight [kg]	Kv [m³/h]	Volume [L]	Min-Max Flow Rate [m³/h]	ΔP Pressure [kPa]
3173.09.72	DN50	2"	420	¾"	322	480	1"	EPP	20	13,55	75	7,3	8-12	1,14-2,56
3173.10.72	DN65	2 ½"	420	¾"	322	480	1"	EPP	20	15,19	150	7,3	10-22	0,44-2,15
3173.11.72	DN80	3"	500	¾"	384	556	1"	EPP	20	19,42	180	14,7	18-30	1,00-2,78
3173.13.72	DN100	4"	504	¾"	384	556	1"	EPP	20	21,80	280	14,7	28-48	1,00-2,94
3173.14.72	DN125	5"	635	¾"	480	725	1"	EPP	20	36,81	450	44,6	45-71	1,00-2,49
3173.15.72	DN150	6"	635	¾"	480	725	1"	EPP	20	40,35	720	44,6	67-105	0,87-2,13

INSTALLATION DIAGRAM



Installation diagram given above is just a template. Installation must be done according to update standards and directives.

RBM spa reserves the right to improve and change the described products and related technical data at any moment and without prior notice: always refer to the instructions attached with the supplied components; this sheet is an aid, should the instructions be extremely schematic. Our technical office is always at your disposal for any doubt, problem or explanation.

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