



TECHNOPOLYMER DIRT SEPARATOR WITH MAGNET **DIRTMAG®**

CALEFFI
Hydronic Solutions



Heating

Engineered components for modern systems



PCT
INTERNATIONAL
APPLICATION
PENDING

FUNCTION AND FEATURES

- Can be used to separate all impurities, including ferrous ones, in the thermal medium circulating within air conditioning systems.
- Suitable for all closed circuit systems.
- A large decantation chamber reduces the frequency of cleaning, which can also be done while the system is running.
- Can be installed on both horizontal and vertical pipes, thanks to the adjustable connection.
- Extremely quick and easy to clean thanks to the removable magnetic ring and wide drain cock.
- Low head losses.

PRODUCT RANGE



CODE	CONNECTION
545305	3/4" F
545306	1" F

CODE
CBN545305



CODE	CONNECTION
545302	Ø 22
545303	Ø 28

CODE
CBN545305



CODE	CONNECTION
545345	3/4" F
545346	1" F
545347	1 1/4" F

CODE
CBN545345

TECHNICAL SPECIFICATIONS

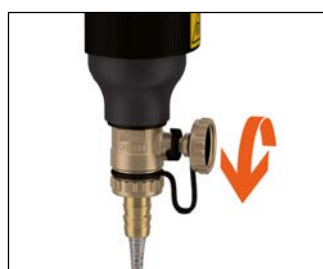
Working temperature range	0–90°C
Max. working pressure	3 bar
Medium	water, glycol solutions
Max. percentage glycol	30%

DIRT SEPARATOR EFFICIENCY

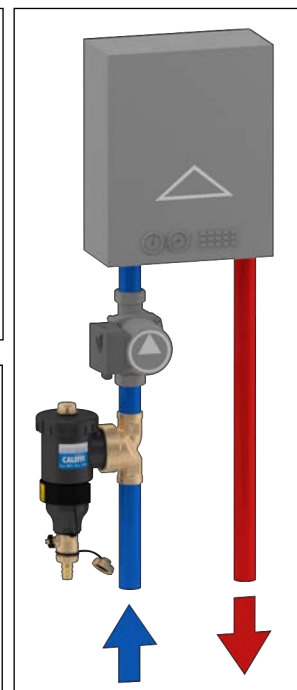
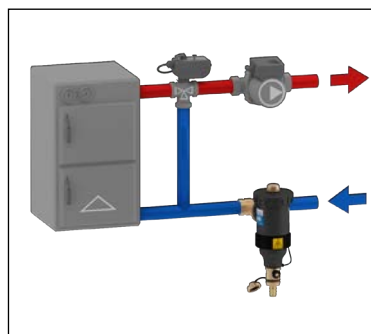
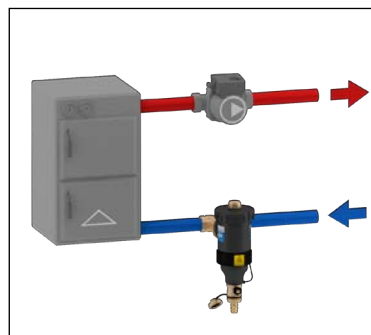
The DIRTMAG® dirt separator, during multiple passage of the medium, is capable of efficiently removing even the smallest particles, with extremely limited head losses.

The large volume of the chamber causes the speed of the medium to decrease and, thanks to the special shape of the internal mesh, facilitates the separation of the contained particles through the action of gravity.

Furthermore, the magnetic ring is extremely effective in trapping ferrous impurities.



APPLICATION DIAGRAMS



3D CROSS SECTION



REFERENCE DOCUMENTATION

5453 series - Technical brochure 01240



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