



OPERATING MANUAL

DN25, G 1 ¼", KV 13.6 m³/H DIRT SEPARATOR

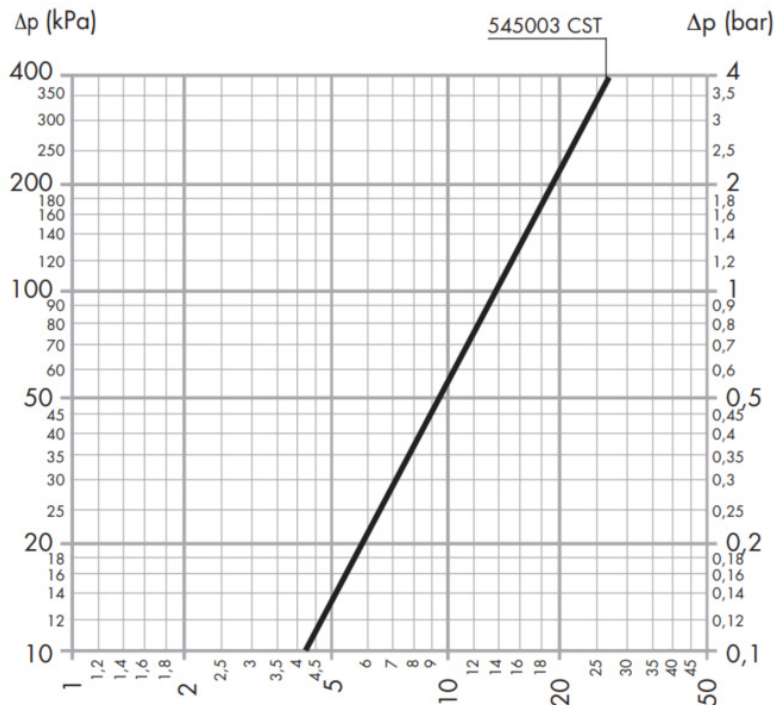
1. Technical data

Functional data

Nominal diameter	DN25
Connection diameter	G 1 ¼"
Operating pressure	max. 3 bar
Operating temperature	max. 90°C
Acceptable media	water and glycol mixtures max. 50%
Filter compartment	0.8 mm (mesh size)
Kv (for 1 bar)	13.6 m³/h,
Magnets	Br = 1.26 T

Material data

Body	PA66G30
Filter compartment	stainless steel
Gaskets	EP-Perox
LVD Directive	CE marking according to 2014/35/EC
IEC/EN certification	IEC/EN 60730-1 and IEC/EN 60730-2-14
Ambient humidity	max. 95% relative humidity without condensation
Ambient temperature	-30°C to 50°C



2. General information and safety:

It is imperative to follow the provisions in this manual:

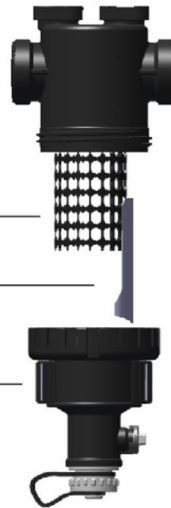
- The separator is used to protect equipment from contamination in heating and cooling systems with continuous circulation of the medium. The design allows separation of solid contaminants through filtration and interaction with magnetic particles to prevent damage and malfunction of the plant.
- Installation work must be carried out by persons with the appropriate authorizations. You must comply with all, applicable, standards and regulations for installation and assembly.
- Do not proceed with maintenance operations while the system is operating with the medium heated to a temperature that poses a burn hazard.

3. Installation recommendations:

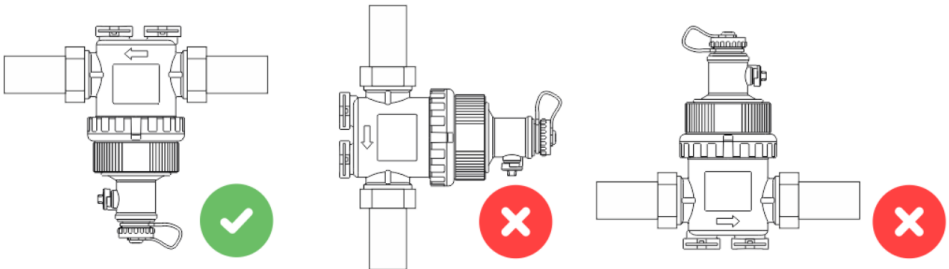
- The separator is built with a body that contains a booster cartridge, a strainer and a magnetic band, which are easy to remove for cleaning. A built-in drain valve allows the body chamber to be safely emptied, and coars dirt can be easily removed

**strainer
support
insert**

magnet



- The separator is designed to work in a horizontal position while maintaining the direction of flow marked with an arrow on the site.



4. Disposal and waste handling:

For the sake of environmental protection, do not dispose of the decommissioned device together with unsegregated household waste. The device should be delivered to a suitable scrap yard. Magnetic dirt separators are built from recyclable materials





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05.23