

AVD546405

Caleffi 5464 Series 20mm Magnetic Deaerator-Dirt Separator



Technical Specification

Materials:

Body: PA66G30

Dirt separation chamber: PA66G30

Locking nut for tee fitting: PPSG40

Tee fitting: brass EN 1982 CB 753S

Automatic air vent body: PA66G30

Float: PP

Float lever and spring: stainless steel EN 10270-3 (AISI 302)

Air vent: with hygroscopic cap

Hydraulic seals: EPDM

with hose connection: brass EN 12165 CW617N

Shut-off valve: brass EN 12165 CW617N



Performance:

Medium: water, non-hazardous glycol solution

Max. percentage of glycol: 30%

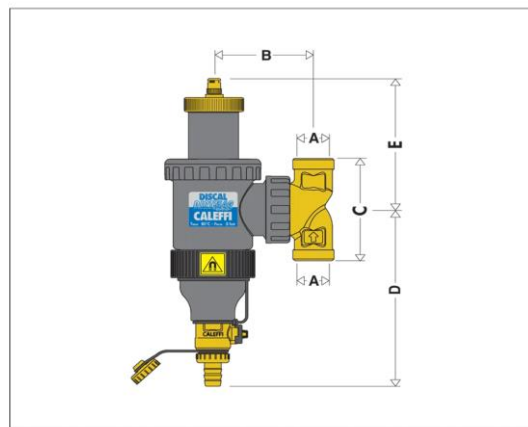
Max. working pressure: 3bar

Max. discharge pressure: 3bar

Working temperature range: 0–90°C

Particle separation rating: up to 5 µm

Ring system magnetic induction: 2 x 0,3 T



Code	Size	A	B	C	D	E	Mass (kg)
546405	DN 20	3/4"	87,5	96	172,5	125	1,3
546406	DN 25	1"	87,5	110	172,5	125	1,3

Application

The Caleffi 5464 Series 20mm Magnetic Deaerator-Dirt Separator is used in heating & cooling systems to eliminate circulating air and is installed mostly in plant rooms.

Warranty

[Download the latest warranty statement](#)

Features

Deaerators-dirt separators are used to continuously eliminate the air and dirt contained in the hydraulic circuits of heating and cooling systems. They are capable of automatically removing all the air from the system down to the micro-bubble level. At the same time they separate dirt and impurities contained in the water within the circuit and collect them in the lower part of the valve body, from which they may be expelled. The magnet separates ferrous impurities.

The circulation of fully deaerated water enables the equipment to operate under optimum conditions, free from any noise, corrosion, localised overheating or mechanical damage.