



SEP4 Multifunction hydraulic separator

Serie 5495

www.caleffi.com



PCT
INTERNATIONAL
APPLICATION
PENDING

- Combines different functional components, each of which to satisfy specific needs of HVAC systems.
- 1 Dirt separation:** thanks to its internal element, it separates and collects all the impurities in the dirt collection chamber.
- 2 Deaeration:** the widening of the cross section decreases the flow velocity and the technopolymer mesh creates whirling movements which facilitate the release of micro-bubbles.
- 3 Hydraulic separation:** keeps connected hydraulic circuits totally independent from each other. Different flow rates of the primary and secondary circuits do not affect their reciprocal operation.
- 4 Removal of ferrous particles:** the patented magnetic system attracts ferromagnetic impurities and keeps them in the collection area, preventing them from returning into circulation.
- Supplied complete with pre-formed shell insulation to guarantee perfect thermal insulation.



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PRODUCT RANGE

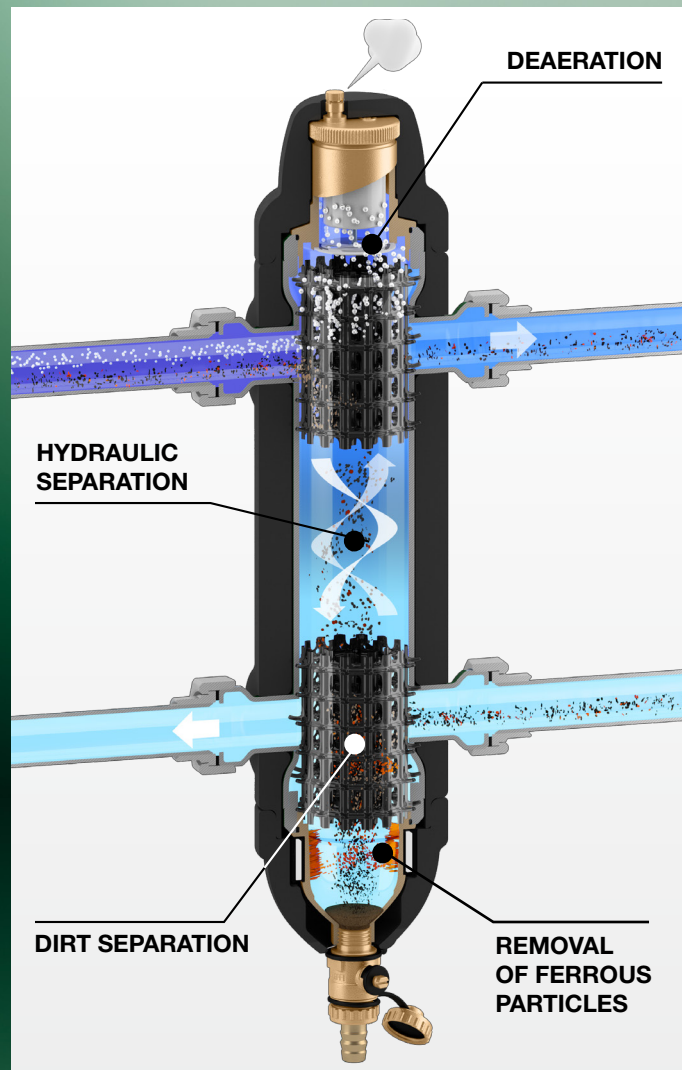


CODE	CONN.	MAX. RECCOMENDED FLOW RATE
549506	1"	2,5 m³/h
549507	1 1/4"	4,0 m³/h
549508	1 1/2"	6 m³/h
549509	2"	8,5 m³/h

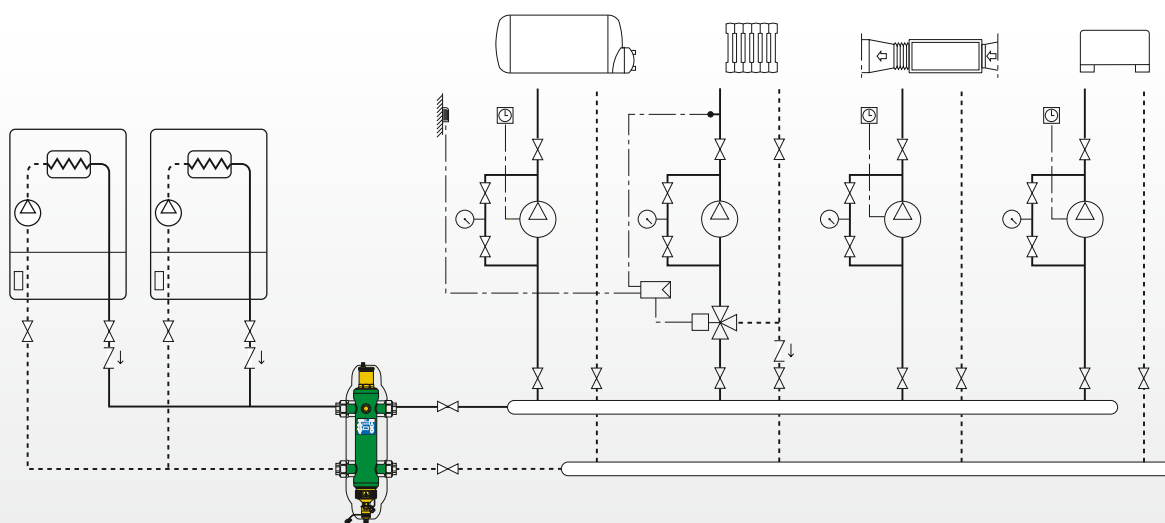
TECHNICAL SPECIFICATIONS

Max. working pressure	10 bar
Temperature range	0–100°C
Medium	water, glycol solutions
Max. percentage of glycol	50%
Insulation material	closed cell expanded PE-X
Insulation thickness	20 mm

OPERATING PRINCIPLE



APPLICATION DIAGRAM



REFERENCE DOCUMENTATION

5495 series

- Technical brochure 01249

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