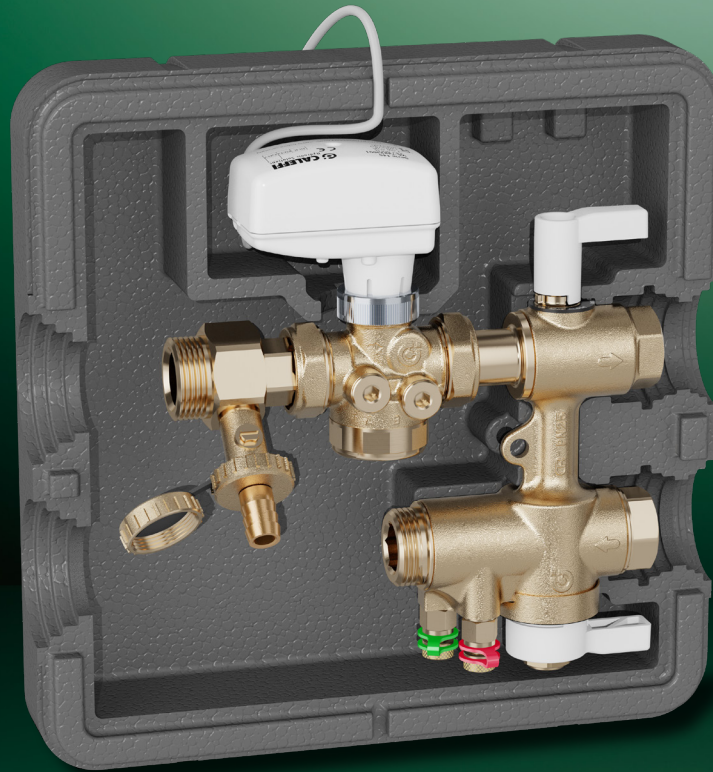




Connection and regulation kit for HVAC terminal units

149 series

www.caleffi.com

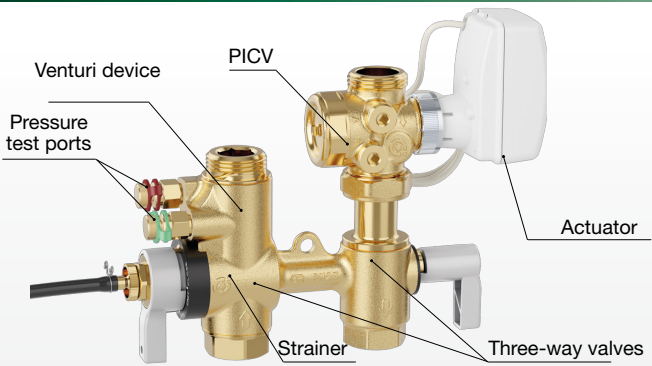


- Balancing, regulation, protection and commissioning of a single component.
- The ready-assembled kit minimizes the risk of leaks.
- Designed for universal installation, for heating and cooling systems.
- Condensation-proof and fire-resistant insulating shell.
- PN 25.
- Flow rate regulation accuracy $\pm 5\%$.
- Complete with Venturi device for easy and scrupulous commissioning.
- 100% of the stroke at each pre-setting: the modulation exploits the whole stroke of the obturator.
- Designed for wall mounting.



CALEFFI
Hydronic Solutions

PRODUCT RANGE AND COMPONENTS

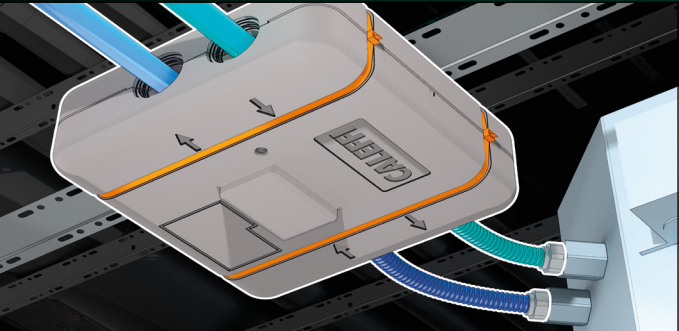


With Venturi device

CODE	FLOW RATE RANGE (m³/h)	PRIMARY CONNECTIONS	Kv Venturi (m³/h)
H10	0,02–0,10	1/2" - 3/4"	0,25
H20	0,08–0,20	1/2" - 3/4"	0,5
H40	0,20–0,40	1/2" - 3/4"	1,1
H80	0,40–0,80	1/2" - 3/4"	2,35
1H2	0,80–1,20	3/4"	5
1H8	1,20–1,80	1"	5
3H0	1,80–3,00	1"	9,6
3H7	1,85–3,70	1"	9,6

Version without Venturi device also available.

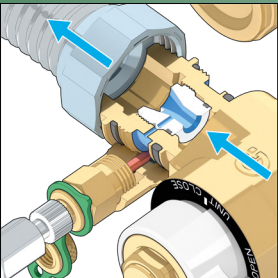
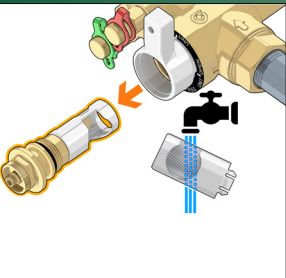
INSTALLATION



MAIN FEATURES

Complete with steel cartridge strainer, mesh 800 µm.

Available with built-in Venturi device and pressure test ports for easy commissioning.



	145013	656524	656502	656504
	–	Normally closed	Normally closed	
Control signal	0–10 V	0–10 V	ON/OFF	
Feedback	0–10 V	0–10 V	–	
Type	Proportional linear actuator	Proportional thermo-electric actuator	Thermo-electric actuator	
Electric supply	24 V		230 V	24 V

COMMISSIONING

WASH IN BY-PASS

TERMINAL UNIT WASHING

STRAINER CLEANING

FILLING

NORMAL OPERATION

REFERENCE DOCUMENTATION:

149 series

- Brochure 01336



0360820EN

WE RESERVE THE RIGHT TO MAKE CHANGES AND IMPROVEMENTS TO OUR PRODUCTS AND THE RELATED TECHNICAL DATA IN THIS PUBLICATION, AT ANY TIME AND WITHOUT PRIOR NOTICE.

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