



PRESSURE INDEPENDENT CONTROL VALVE (PICV)

CALEFFI
Hydronic Solutions



Heating

Engineered components for modern systems



FUNCTIONS - FEATURES

- Allows, in a single device, hydraulic balancing of the circuit and adjustment of the flow rate to the terminals.
- Flow rate adjustment can take place using an actuator controlled by an external regulator, in accordance with the thermal load.
- Circuit balancing is carried out using an automatic regulator capable of working with a pressure differential of up to 4 bar at the valve ports.
- Extremely compact, suitable for installation even in small spaces.
- Possibility, during installation, of easily pre-adjusting the flow rate to between 10% and 100% of the nominal value using a graduated scale indicator.
- Fitted for connection to pressure test gauges for checking the system operating parameters.

PRODUCT RANGE - 145 SERIES



CODE	DN	CONNECTION	FLOW RATE RANGES (m³/h)
145550 H40	20	3/4"	0,08 - 0,40
145550 H80	20	3/4"	0,08 - 0,80
145550 1H2	20	3/4"	0,12 - 1,20
145560 H40	20	1"	0,08 - 0,40
145560 H80	20	1"	0,08 - 0,80
145560 1H2	20	1"	0,12 - 1,20



CODE	VOLTAGE	CONTROL
145014	24 V	proportional 0 - 10 V



CODE	VOLTAGE	CONTROL
656402	230 V	ON-OFF
656404	24 V	ON-OFF

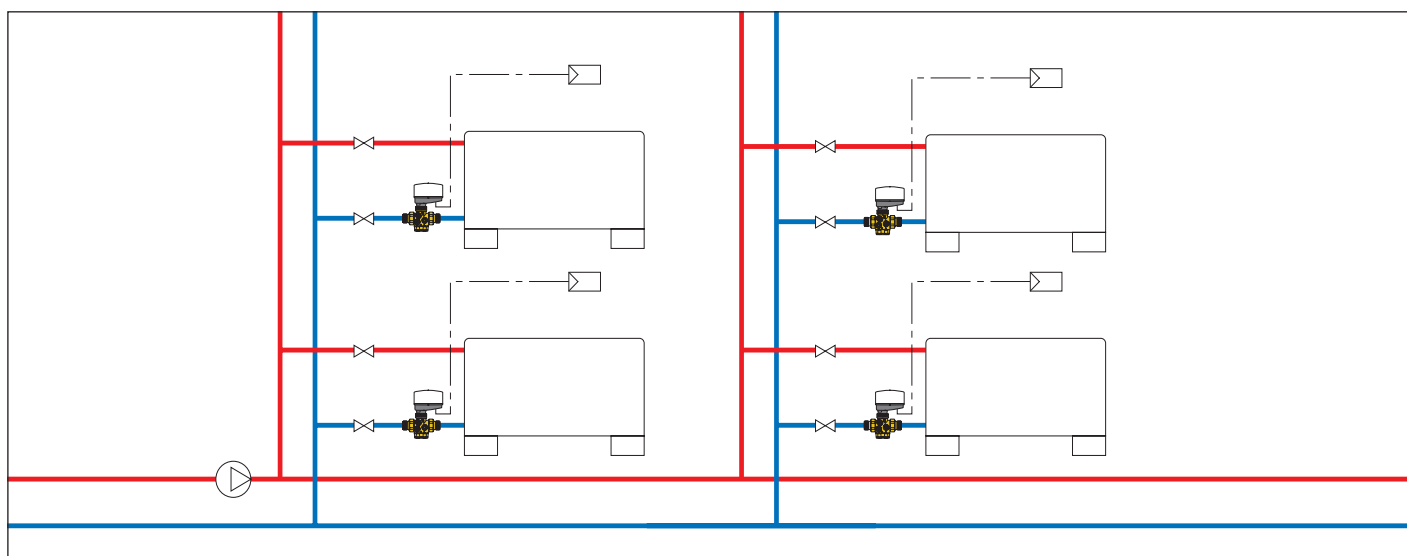
PERFORMANCE

MAX. WORKING PRESSURE	16 bar
WORKING TEMPERATURE RANGE	-20 – 120°C
MAX. PERCENTAGE OF GLYCOL	50%
RANGE Δp	25-400 kPa

TECHNICAL SPECIFICATIONS

BODY	dezincification resistant alloy CR
FLOW RATE REGULATOR	polymer
MEMBRANE	EPDM

APPLICATION DIAGRAMS



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