



FLOWMATIC®

PRESSURE INDEPENDENT CONTROL VALVE
145 SERIES

CALEFFI
Hydronic Solutions



PRODUCT FEATURES

■ Design:

The PICV automatically maintains a constant flow rate even during variable circuit differential pressure conditions.

■ Manual or automatic control:

The FLOWMATIC® PICV includes a manual control knob which can be easily replaced with optional on/off or proportional control actuator.

■ Easy installation:

Dual union connections allow for fast installation and easy servicing.

■ Pressure test ports:

The valve features upstream and downstream quick-fit pressure test ports for flow or temperature verification.

■ Maximum flow rate adjustment:

Flow rate is easily adjusted to match the design requirements of the terminal unit coil.

■ Full resolution signal control:

The full proportional control signal is never limited or reduced, to optimize comfort control.

Durable construction for long life

The FLOWMATIC® pressure independent control valve (PICV) combines an automatic differential pressure regulator and a control valve with optional actuator. With a control signal input, the FLOWMATIC automatically adjusts flow rate and keeps it constant under changing circuit differential pressure conditions.

PRODUCT RANGE - FLOWMATIC®, Pressure Independent Control Valve (PICV)

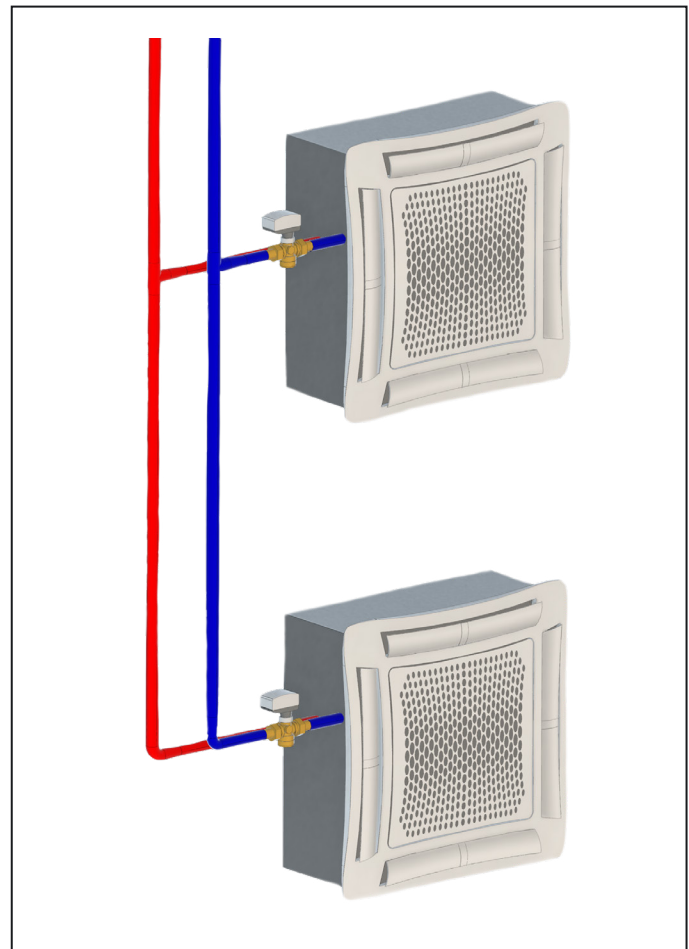


SIZES	CODE		
	NPT	SWEAT	PRESS
1/2"	145443 G90	145449 G90	145446 G90
	145443 1G8	145449 1G8	145446 1G8
	145443 3G5	145449 3G5	145446 3G5
3/4"	145553 G90	145559 G90	145556 G90
	145553 1G8	145559 1G8	145556 1G8
	145553 3G5	145559 3G5	145556 3G5
	145553 5G3	145559 5G3	145556 5G3
1"	145663 7G9	145669 7G9	145666 7G9
	145663 13G	145669 13G	145666 13G
	145663 16G	145669 16G	145666 16G

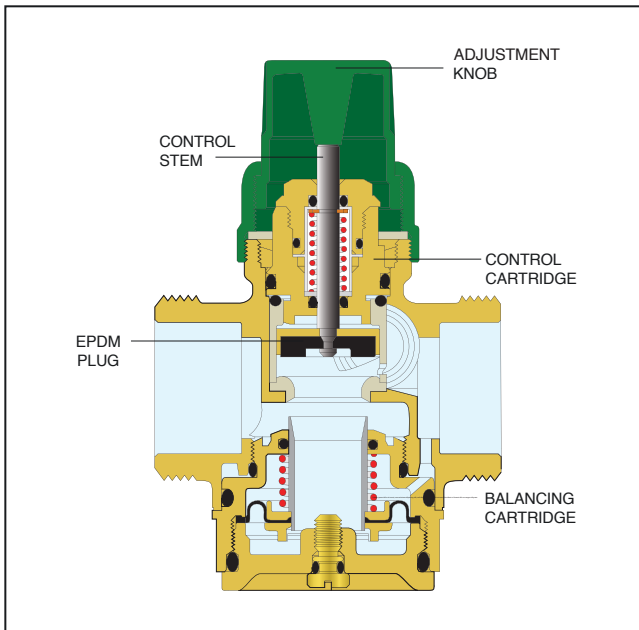
PERFORMANCE

MAX. WORKING PRESSURE	360 psi (16 bar)
WORKING TEMPERATURE RANGE	4 – 248 °F (-20 – 120 °C)
MAX FLOW RATE	0.35 – 3.5 gpm
AMBIENT TEMPERATURE RANGE	32 – 120 °F (0 – 50 °C)

APPLICATION DIAGRAM



CONSTRUCTION



Caleffi Partner:

WE RESERVE THE RIGHT TO CHANGE OUR PRODUCTS AND THEIR RELEVANT TECHNICAL DATA, CONTAINED IN THIS PUBLICATION, AT ANY TIME AND WITHOUT PRIOR NOTICE.

ONLINE



CATALOG

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