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)

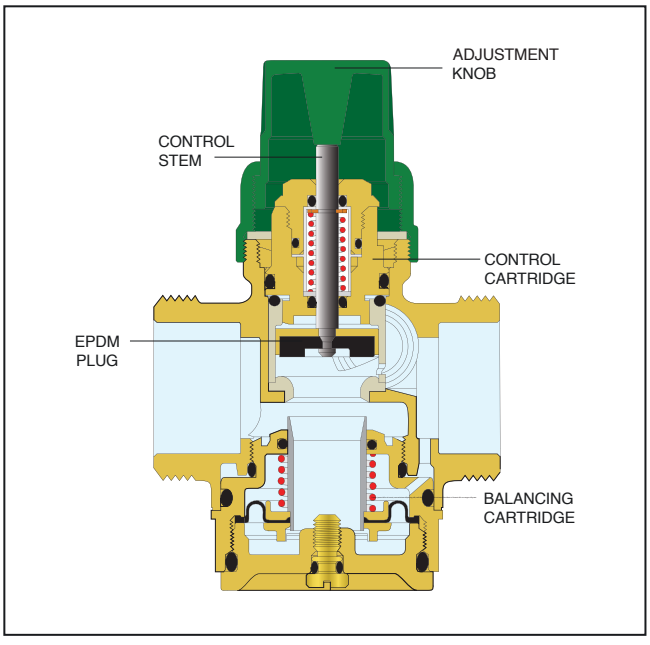
ICC ES c PMG LOW LEAD

SIZES	CODE		
	NPT	SWEAT	PRESS
½”	**145**443 G90	**145**449 G90	**145**446 G90
	145443 1G8	**145**449 1G8	**145**446 1G8
	145443 3G5	**145**449 3G5	**145**446 3G5
¾”	**145**553 G90	**145**559 G90	**145**556 G90
	145553 1G8	**145**559 1G8	**145**556 1G8
	145553 3G5	**145**559 3G5	**145**556 3G5
	145553 5G3	**145**559 5G3	**145**556 5G3
1”	**145**663 7G9	**145**669 7G9	**145**666 7G9
	145663 13G	**145**669 13G	**145**666 13G
	145663 16G	**145**669 16G	**145**666 16G

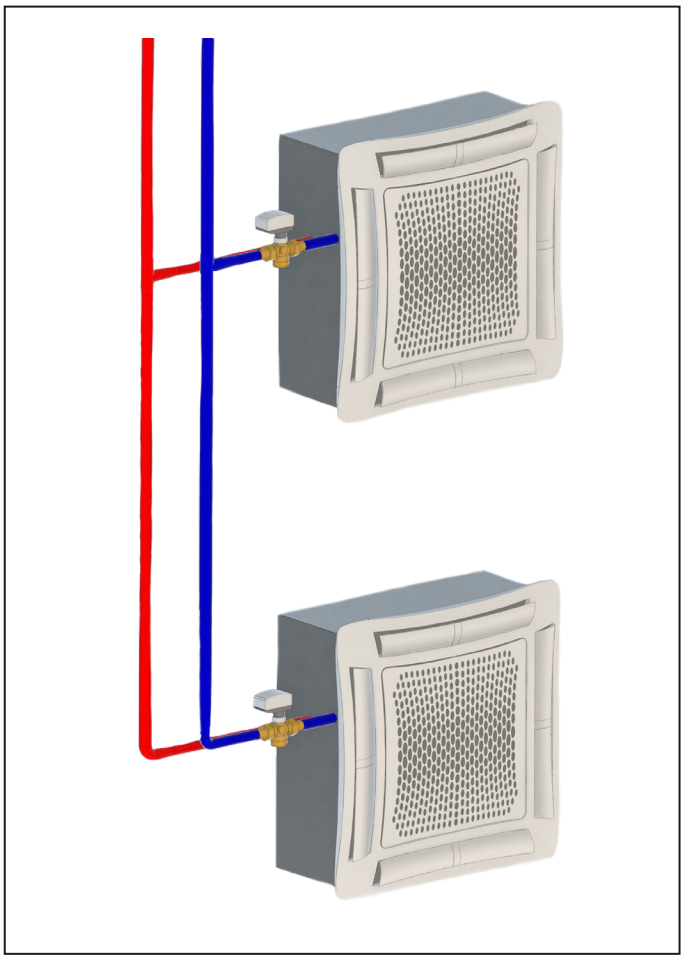
PERFORMANCE

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)

CONSTRUCTION



APPLICATION DIAGRAM



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Caleffi Partner:

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ONLINE CATALOG

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