



Pressure-independent zone valve PIQCV.

The PIQCV (Pressure Independent Quick Compact Valve) from the Belimo ZoneTight™ product family is a pressure-independent characterised control valve which permanently supplies all heating and cooling elements with precisely the amount of water needed. The advantages:

- Ideal room comfort is achieved as the optimum amount of water is supplied to the end devices
- High energy efficiency thanks to the low differential pressure required
- Little planning work thanks to fast and reliable valve selection
- Time saving by the automatic and permanent hydraulic balancing
- Flexible, diverse installation options thanks to compact design

BELIMO
ZoneTight™

In limited-space installation situations, the zero-leaking valves from the Belimo ZoneTight™ product family are the ideal solution for energy-saving smooth room and zone control.

BELIMO®

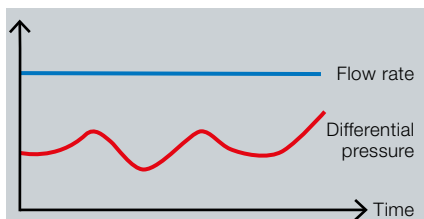
Pressure Independent Zone Valve PIQCV.

Compact, flexible and efficient.



Versatile fields of application

- Fan Coils
- Zone air heater/cooler
- Cooling ceilings & cooling beams



Pressure-independent flow rate regulation

- Correct water quantity is assured despite differential pressure changes and in partial load operation
- Time-consuming, manual hydraulic system balancing is dispensed with
- Desired \dot{V}_{MAX} value with associated clip can be adjusted simply and rapidly on the actuator



Verification and pump optimisation

- Two optional measuring ports for differential pressure measurement through the valve
- Correct water quantity guaranteed during operation within the specified differential pressure range (16...350 kPa)
- Pump performance can be reduced to the point that only the minimum required (and comparatively low) differential pressure is present above the valve in the index circuit



Practical, electricity-saving actuator

- Compact plug-in actuator (installation dimension without valve: L/W/H 104 x 46 x 54 mm)
- Open-close and 3-point (AC/DC 24 V and AC 230 V)
- Modulating actuation (2...10 V, AC/DC 24 V)
- Also available as «MP-Bus® light» version and with SuperCap emergency setting function

Type	Nominal width DN	\dot{V}_{NOM}		Adjustable maximum flow rate \dot{V}_{MAX} [m³/h]	Measuring ports
		l/s	l/h		
C215QP-B	15	0.06	210	0.019 ... 0.21	no
C215QPT-B	15	0.06	210	0.019 ... 0.21	yes
C215QP-D	15	0.12	420	0.044 ... 0.42	no
C215QPT-D	15	0.12	420	0.044 ... 0.42	yes
C220QP-F ¹⁾	20	0.25	910	0.115 ... 0.91	no
C220QPT-F ¹⁾	20	0.25	910	0.115 ... 0.91	yes

System pressure (ps) 1600 kPa, medium temperature 2°C...90°C

¹⁾ DN 20 available for delivery beginning 3rd quarter 2015

Belimo worldwide: www.belimo.com



5 year warranty



Worldwide on site



Complete product range



Tested quality



Short delivery times



Comprehensive support

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