



CC control valve

Pressure-independent control valve for the automatic hydraulic balancing of heat exchangers

The pressure-independent CC control valve is a combined 2-way control and regulating valve for heating systems with closed circuits. It ensures automatic flow control regardless of the differential pressure and is ideal for automatic hydraulic balancing.

The valve combination consists of an automatic flow regulator and a control valve, optionally with an actuator for room temperature control. The flow rate is preset in l/h directly via a handwheel that is visible from the outside and can be sealed.

Available in DN 20, DN 25 and DN 32 with external thread and measuring valves. Control ranges from 150 to 4800 l/h at a differential pressure of up to 6 bar.

Technical data	DN 20	DN 25	DN 32
Medium	• Heating and cooling water, in accordance with VDI 2035 or ÖNORM 5195 • Water/glycol mixtures with a maximum glycol content of 50% • Not suitable for steam, oil-containing or corrosive media		
Operating temp. (min/max)	-10 °C - 120 °C	-10 °C - 120 °C	-10 °C - 120 °C
Operating pressure	max. 16 bar	max. 16 bar	max. 16 bar
Max. Differential pressure	4 bar	6 bar	6 bar
Control range (l/h)	150 - 1050	400 - 2500	600 - 4800
Dp range (kPa)	20 - 400	20 - 600	23 - 600
Kvs value	1.8	4.1	8.4
Actuator connection	M 30 x 1.5	M 30 x 1.5	M 30 x 1.5
Housing material	Dezincification-resistant brass		

Dimensions	DN 20	DN 25	DN 32
D	G 1	G 1 1/4	G 1 3/4
L1 (mm)	74	103	129
H1 (mm)	52	62	72
H2 (mm)	48	51	71
Weight (kg)	0.6	1.3	2.4

