



- Differential pressure up to 250 kPa
- Compact design

The RTV valve range is intended to be used in conjunction with the RTA thermal actuators for temperature control in heating and cooling systems, such as radiators, convectors, chilled ceilings etc.

The valves are supplied with a grey plastic cap which can be used to open/close the valve manually during system installation. Turning the plastic cap clockwise to its end position closes the valve.

Actuator

The RTA... actuator is mounted on the valve with the adapter (VA54) which is supplied with the actuator.

RTV...

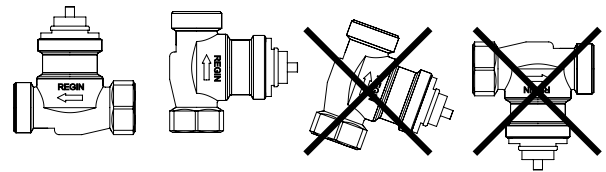
Zone valve

RTV is a range of zone valves for control in after-treatment systems. The valve can control water flow to cooling and heating batteries, radiators, convectors, chilled ceilings etc. and is intended to be used in conjunction with the RTA thermal actuators.

- Size DN10 and DN15
- Kvs value 1.2 and 1.4

Installation

RTV is to be mounted according to the flow direction arrow on the valve. It is to be installed with the spindle upwards or at an angle of max. 90° to the vertical. See the picture below.



Models

Model	Nominal diameter	Connection		Kvs	Max. diff. pressure
		Female threaded	Male threaded		
RTV10	DN10	3/8"	M22 x 1.5	1.2	250 kPa
RTV15	DN15	1/2"	M26 x 1.5	1.4	250 kPa

Technical data

Pressure rating	PN10
Fluid temperature	5...100°C
Stroke	1.7 mm
Connection, actuator	M28 x 1.5
Material	Chromed brass 5170
O-ring	EPDM
Seat	NBR

Suitable valve actuators

Valve actuator	Supply voltage	Control signal
RTAM-24	24 V AC/DC	On/off, normally closed (NC)
RTAOM-24	24 V AC/DC	On/off, normally open (NO)
RTAM-230	230 V AC	On/off, normally closed (NC)
RTAOM-230	230 V AC	On/off, normally open (NO)
RTAM-24A	24 V AC	0...10 V, normally closed (NC)

Suitable connections for valve inlet (internal pipe thread on the valve)

Connection	Name	Valve	Threads, valve	Pipe	
				Nominal outside diameter	Material
4161402	Nut and olive	RTV10	3/8"	10 mm	Copper
4161403	Nut and olive	RTV10	3/8"	12 mm	Copper
4161101	Nut and olive	RTV15	1/2"	10 mm	Copper
4161102	Nut and olive	RTV15	1/2"	12 mm	Copper
4161103	Nut and olive	RTV15	1/2"	15 mm	Copper

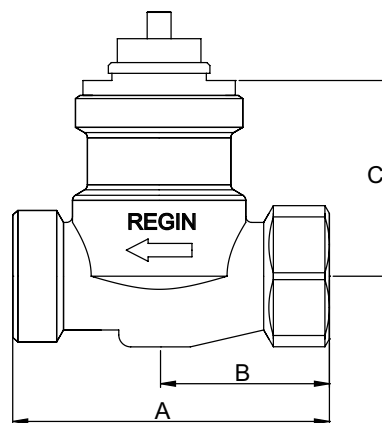
Suitable connections for valve outlet (external metric thread on the valve)

Connection	Name	Valve	Threads, valve	Pipe	
				Nominal outside diameter	Material
4161201	Tail and nut	RTV10	M22 x 1.5	-	-
4161202	Tail and nut	RTV15	M26 x 1.5	-	-
4161841	Nut and olive	RTV10	M22 x 1.5	12 mm	Copper
4160801	Nut and olive	RTV15	M26 x 1.5	15 mm	Copper

Dimensions

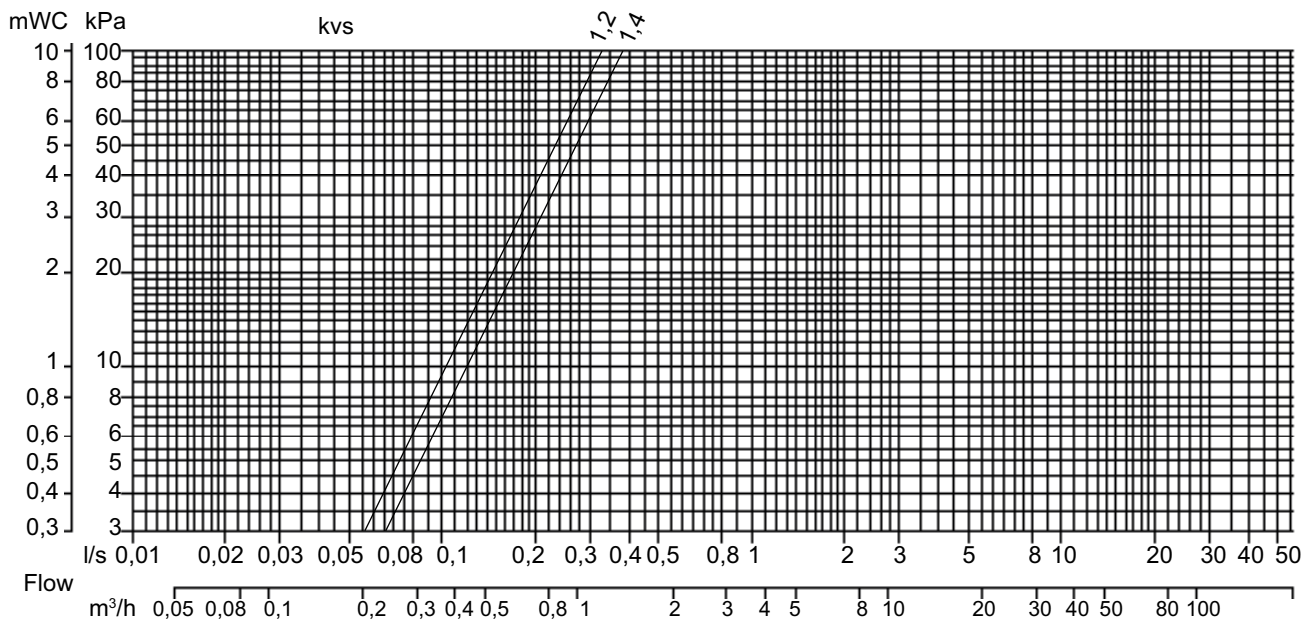
Model	A	B	C	Weight
RTV10	53	29	33	179 g
RTV15	58	32	32	218 g

Measurements in mm.



Pressure drop diagram

Pressure drop



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