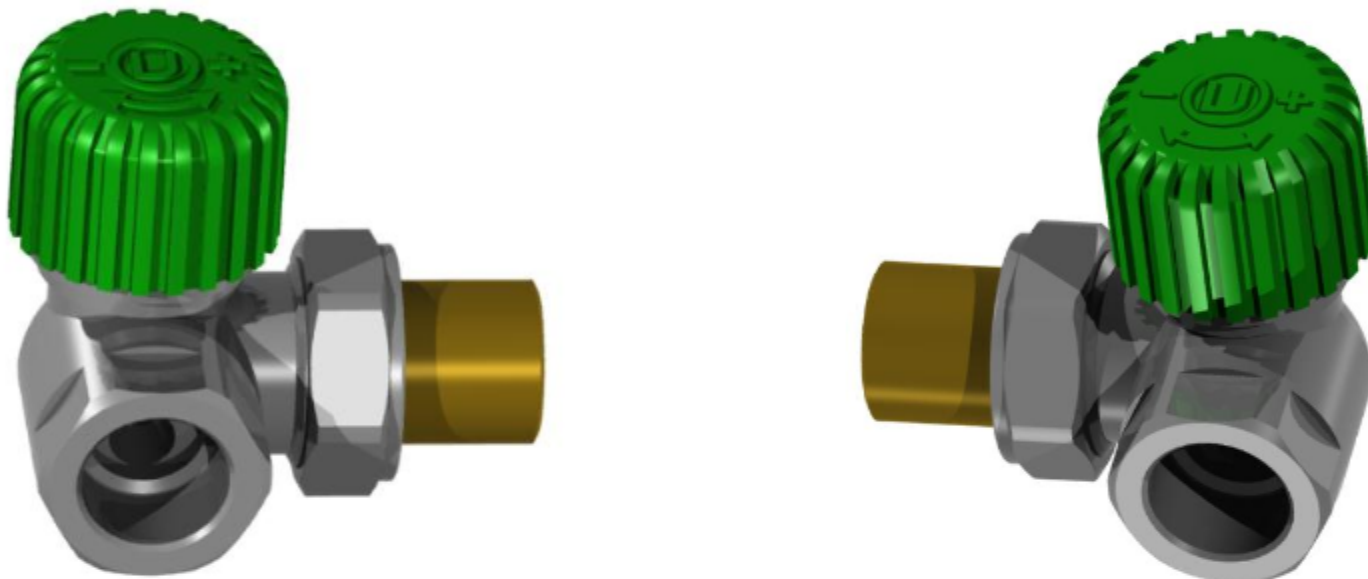# DATA SHEET

ARCUS thermostatic valves

APPLICATION

Thermostatic valves of the ARCUS series (left and right) are intended for installation on a central heating radiator on the supply side. In a set with a thermostatic head, it regulates the amount of heating medium affecting the radiator. By increasing the amount of hot water supplied to the radiator, the temperature control valve is within range, and by reducing the amount of water that reduces the temperature. This regulation allows you to maintain a comfortable temperature in terms of weather conditions outside, and then contribute to a significant reduction in the cost of reducing energy consumption.
The ARCUS valves were used in this way by the thermostatic head using a "parallel system". Use the head to be installed parallel to the wall, inside the radiator contour, which protects it against accidental damage.

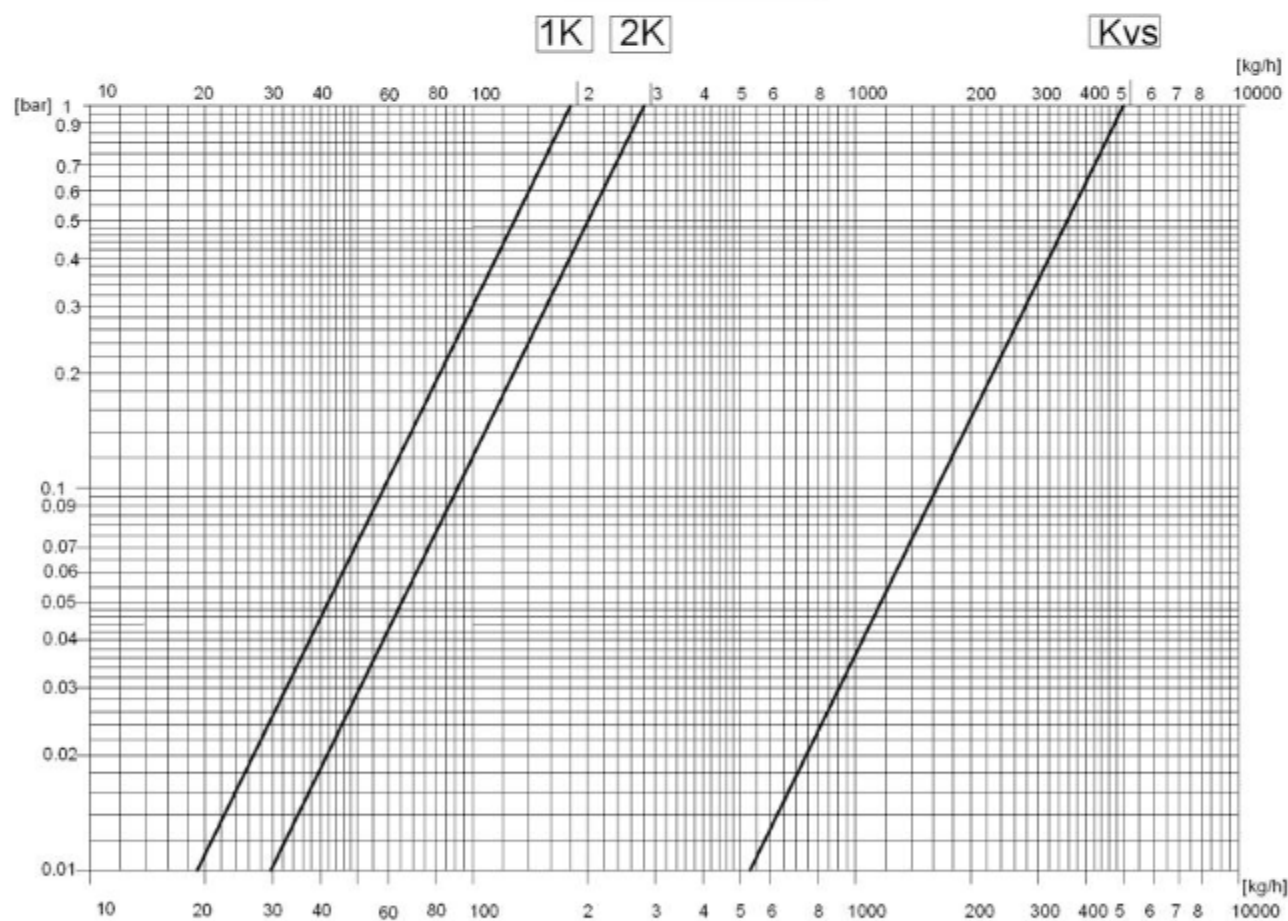Works with Prestige GS.02, Plus GS.05 and Classic GH.03 heads.

SPECIFICATION

Working temperature	up to 120°C
Nominal pressure	1MPa
Heating factor	water
Max. pressure difference	0,06MPa
Test pressure	1,5 MPa
Mounting thread	M30x1,5
Radiator connection	R ½

CONSTRUCTION

To reduce the manufacturing costs of THE ARC series thermostatic valves, the initial setting was not used. Flow control can be performed with a shut-off valve.
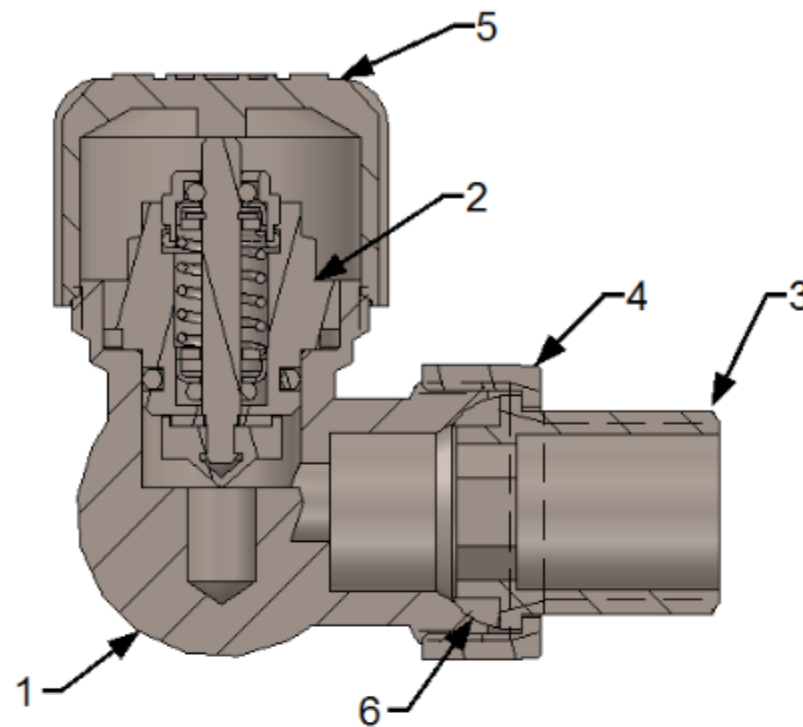

Diagram przepływów dla termostatycznych zaworów serii "ARCUS"

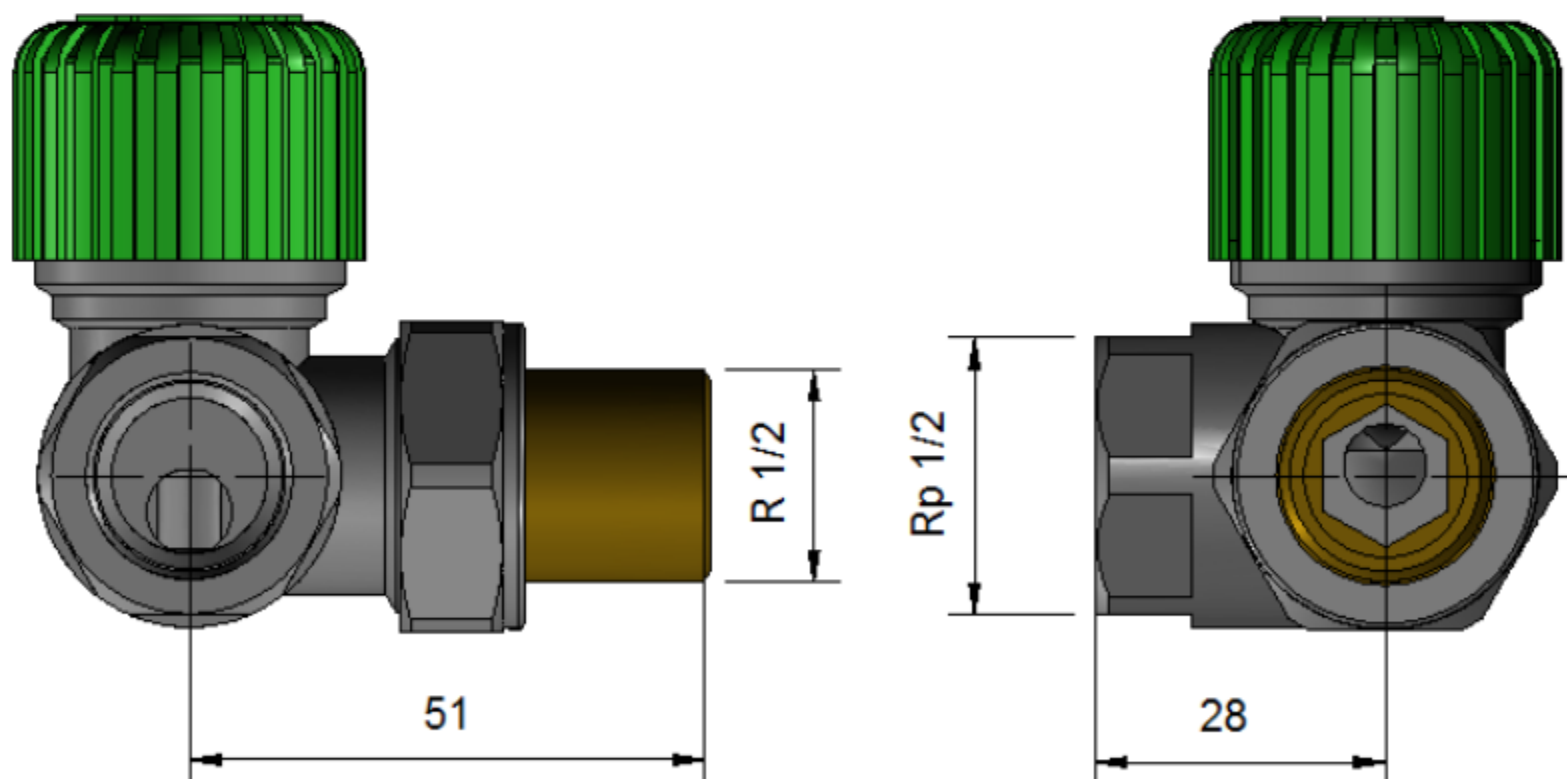| The degree of opening of the valve	1K	2K	KVS
Kv	0,18	0,27	0,50

Construction of the ARCUS thermostatic valve

1. Master valve body

2. Complete contribution

3. Connector end
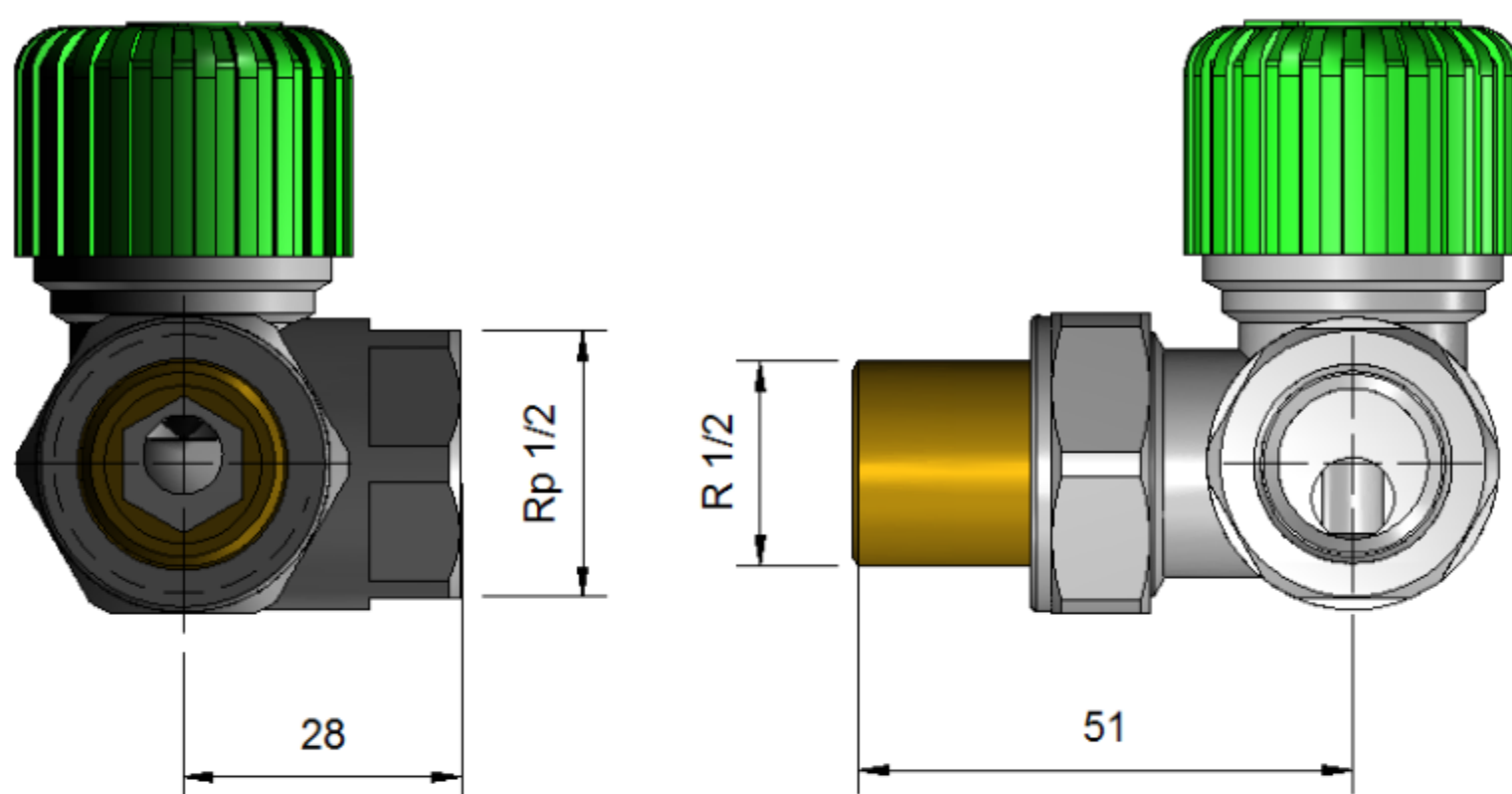
4. Coupling nut

5. Knob

6. Seal

DIMENSIONS

Left ARCUS thermostatic valve

R 1/2

Rp 1/2

51

28

ARCUS thermostatic valve, right

Rp 1/2

28

R 1/2

51

PERFORMANCE

All color versions are available on www.varioterm.pl

CONNECTION ACCESSORIES

(useful for connecting the valve and aesthetic finish of the installation)

	Masking rosettes ½" or ¾"
	Extension GZ ½" on GZ ½" (various lengths)
	Extension GZ ½" on GW ½" (various length)