

DATA SHEET

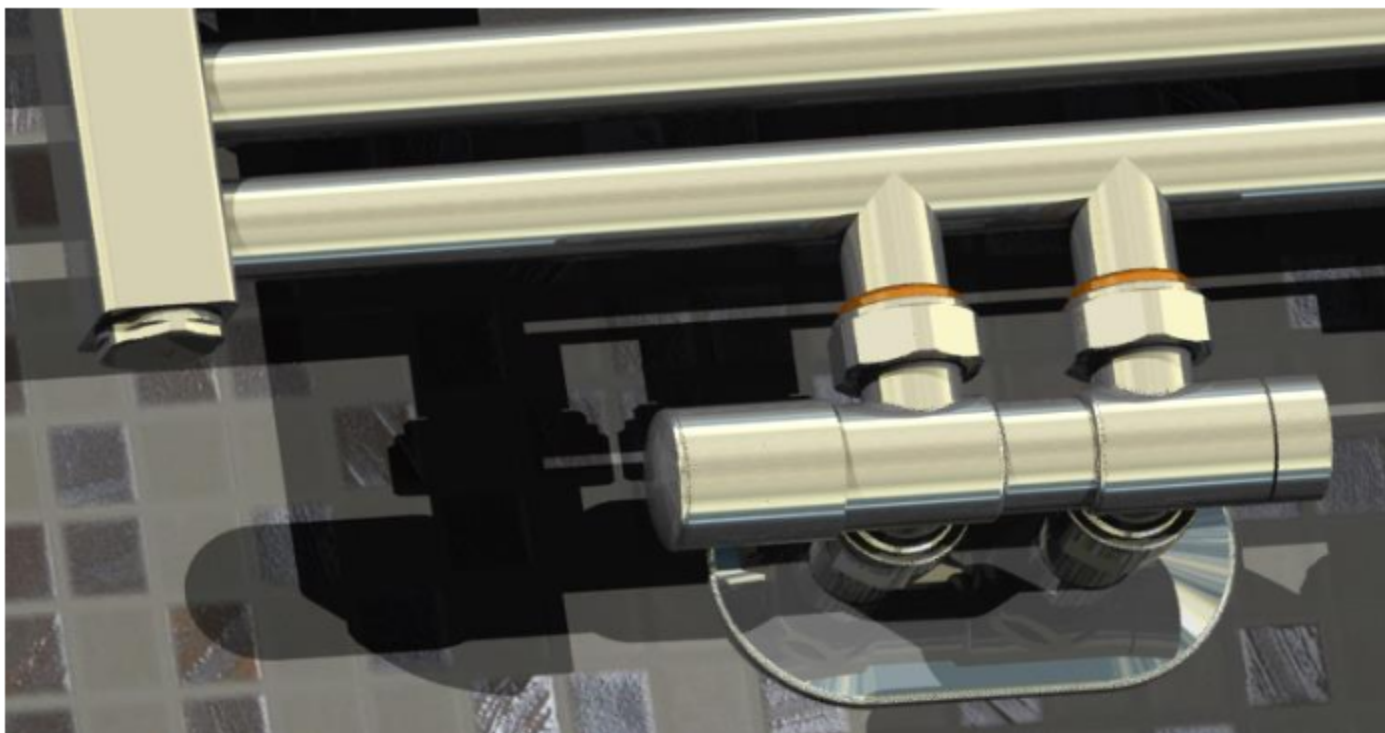
TWINS control



APPLICATION

Connection Twins in the control version has been specially designed for decorative and bathroom radiators with a bottom connection and spigots 50 mm. The connection design allows its installation under the radiator parallel to the wall, inside the radiator contour, which protects it against accidental damage.

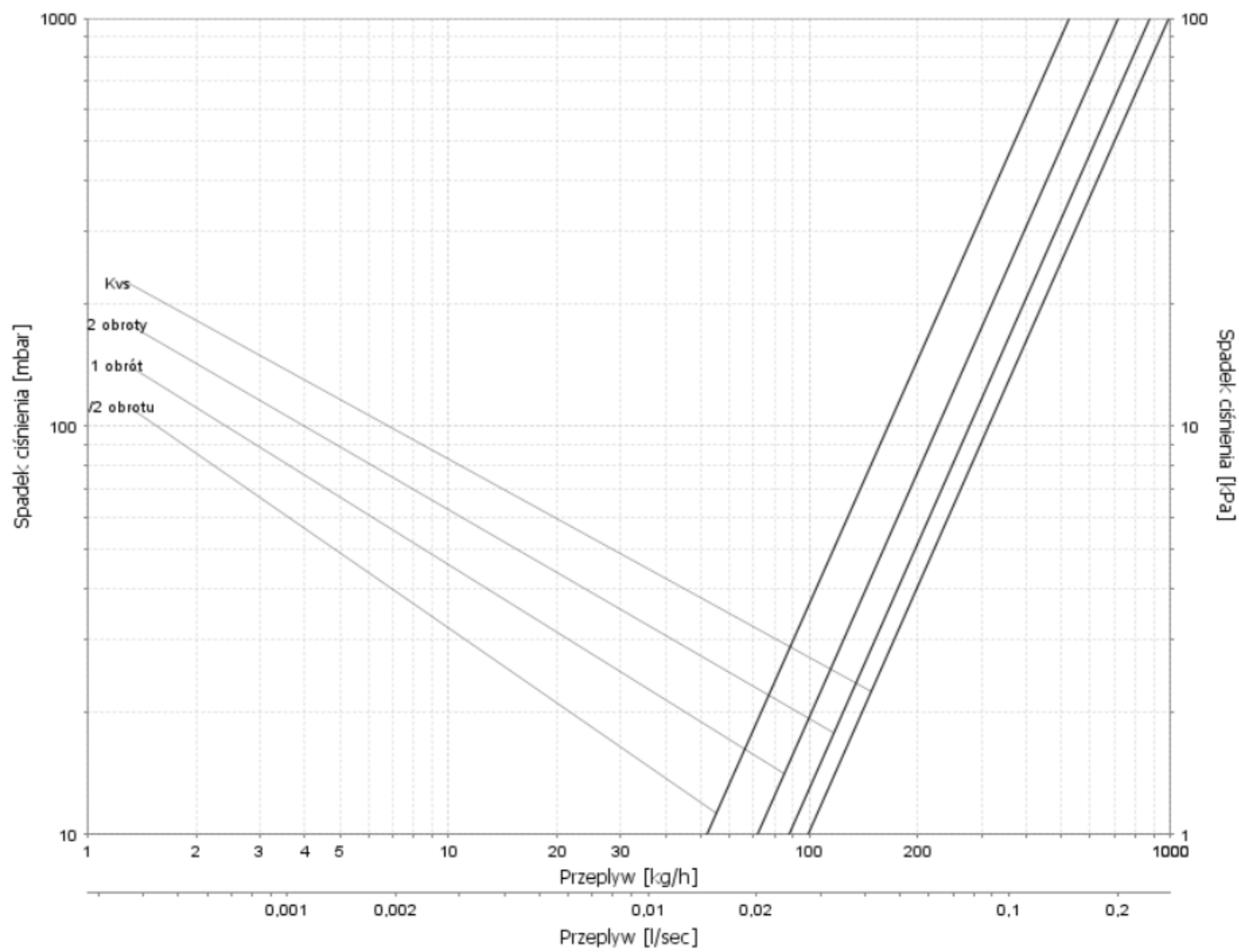
With the help of manual adjustment, which is mounted on the central radiator heating on the side of the power cord, we can smoothly adjust the amount heating medium flowing into the radiator. By increasing the amount of hot water supplied to the radiator, the valve increases the temperature in the room and by reducing the amount of water entering it lowers the temperature. This adjustment allows you to maintain a comfortable temperature in the room regardless of the weather conditions outside, and at the same time contributes to a significant reduction in heating costs by reducing energy consumption. The shut-off valve is mounted on the central heating radiator on the side line return. Provides precise balancing of every circulation radiator, which improves thermal comfort and better performance valve.



SPECIFICATION

Working temperature	120 °C
Nominal pressure	1MPa
Heating factor	water
Test pressure	1.5MPa
Initial setting	on lockshield valve insert
Radiator's connection	G 3/4

Flow diagram for the TWINS connection (regulating / shut-off insert)



Kv value for a given number of turns				
Number of turns in the direction of opening valve	1/2	1	2	Kvs
Kv	0.5	0.7	0.85	0, 9
Tolerance	± 10%			

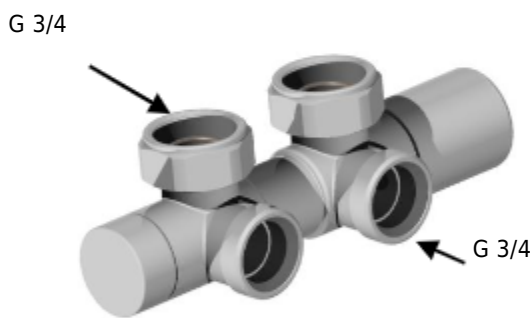
Attention:

- TWINS connections in the control version are factory-set to the open position.
- The initial setting in the TWINS connection is done via a valve insert shutoff. To change the presetting, first close the insert stop valve (max. 3Nm - slight tightening and tightening), then starting from the closed position of the valve insert from turning left by the right amount of rotation to obtain the desired Kv value shown in the diagram above flow.
- The connection has the function of cutting off the radiator for maintenance, repair or replacement of the radiator. However, this work must be carried out at cut off flow of heating medium on both inserts, regulating and cutting off the cutting off (by tightening the spindles the spindle of the cutting insert with a wrench ampulum with strength not exceeding 3Nm) 3Nm). The connection cannot be left without supervision during the above works. When working for longer than 1 day it is recommended to secure the connection pieces to the radiator additional shut-off valves or stoppers to avoid undesirable effects e.g. flooding.

CONSTRUCTION

DRAWINGS

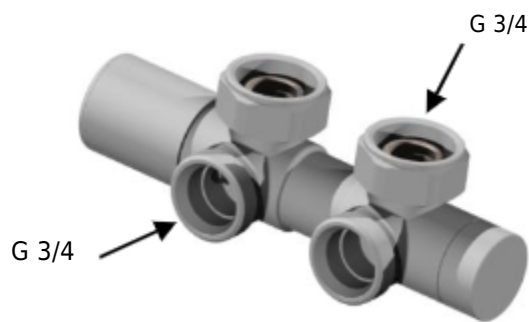
DESCRIPTION



TWINS connection

left angle figure

G3 / 4 x G3 / 4

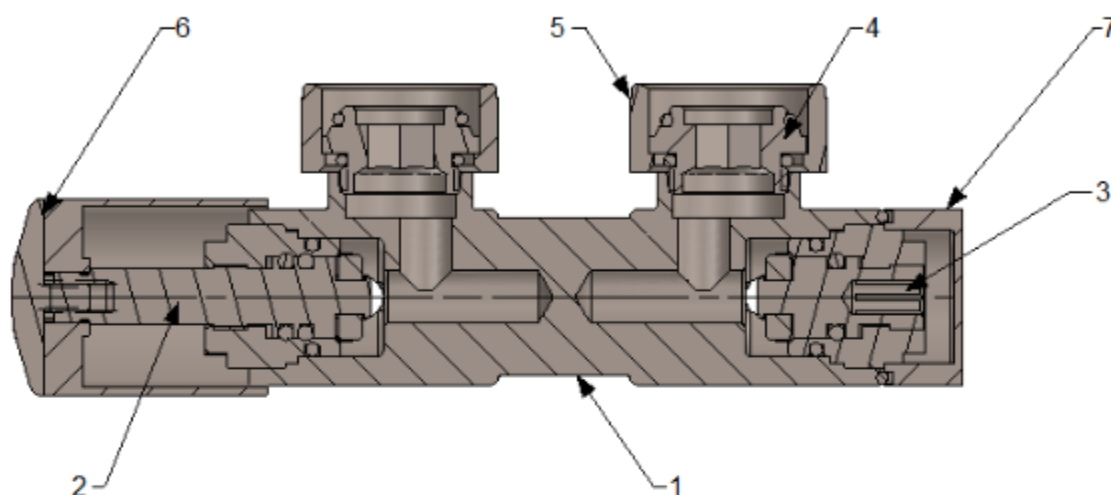


TWINS connection

right angle figure

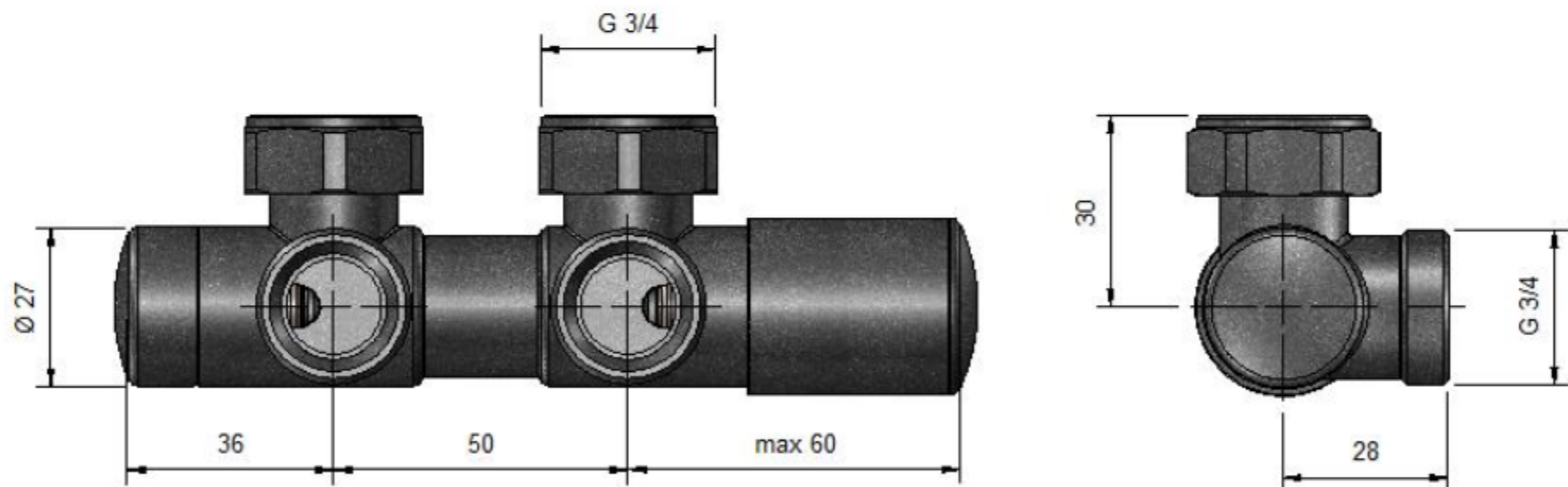
G3 / 4 x G3 / 4

Construction Connections



1. Connection body
2. Adjusting insert
3. Shut-off insert
4. Saddle
5. G nut $\frac{3}{4}$
6. Adjusting knob
7. Cap

DIMENSIONS



PERFORMANCE

All color versions are available on www.varioterm.pl

CONNECTION ACCESSORIES

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

	Pex 16x2, Cu 15x1 adapters and R 1/2 coupling
	Rosette masking double 1/2" or 50mm spacing sleeves
	Masking Pex / Cu pipes (various lengths)
	Reducing nipple 1/2" x 3/4"