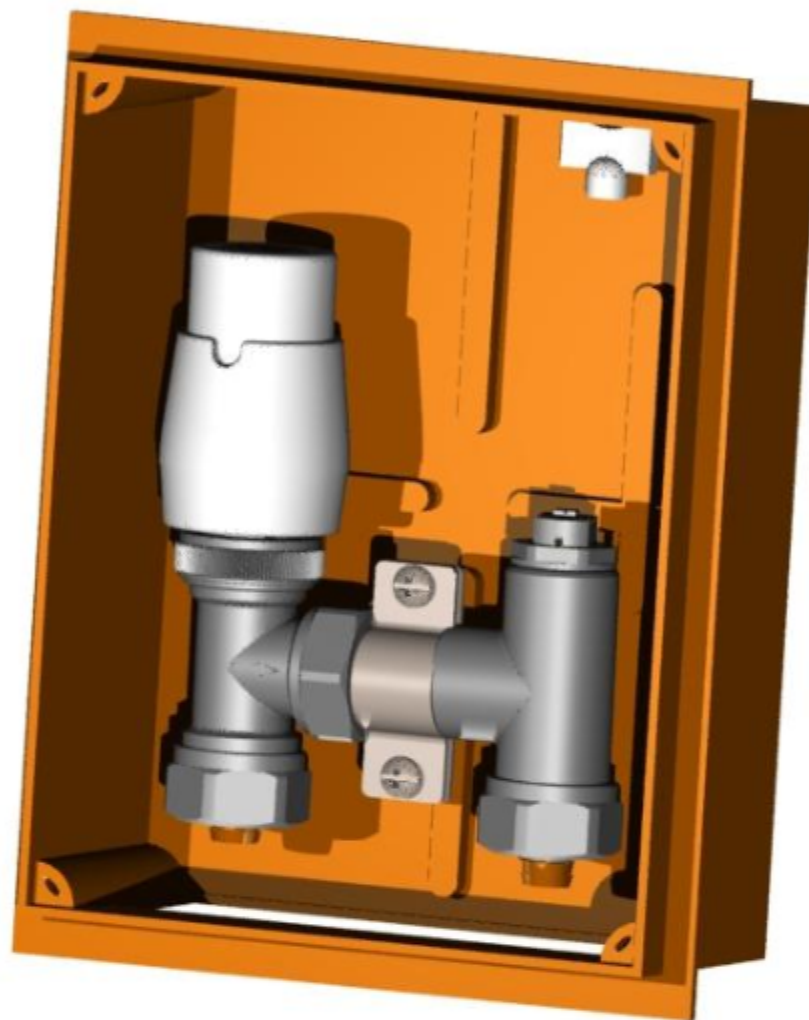


DATA SHEET

set LimitBox



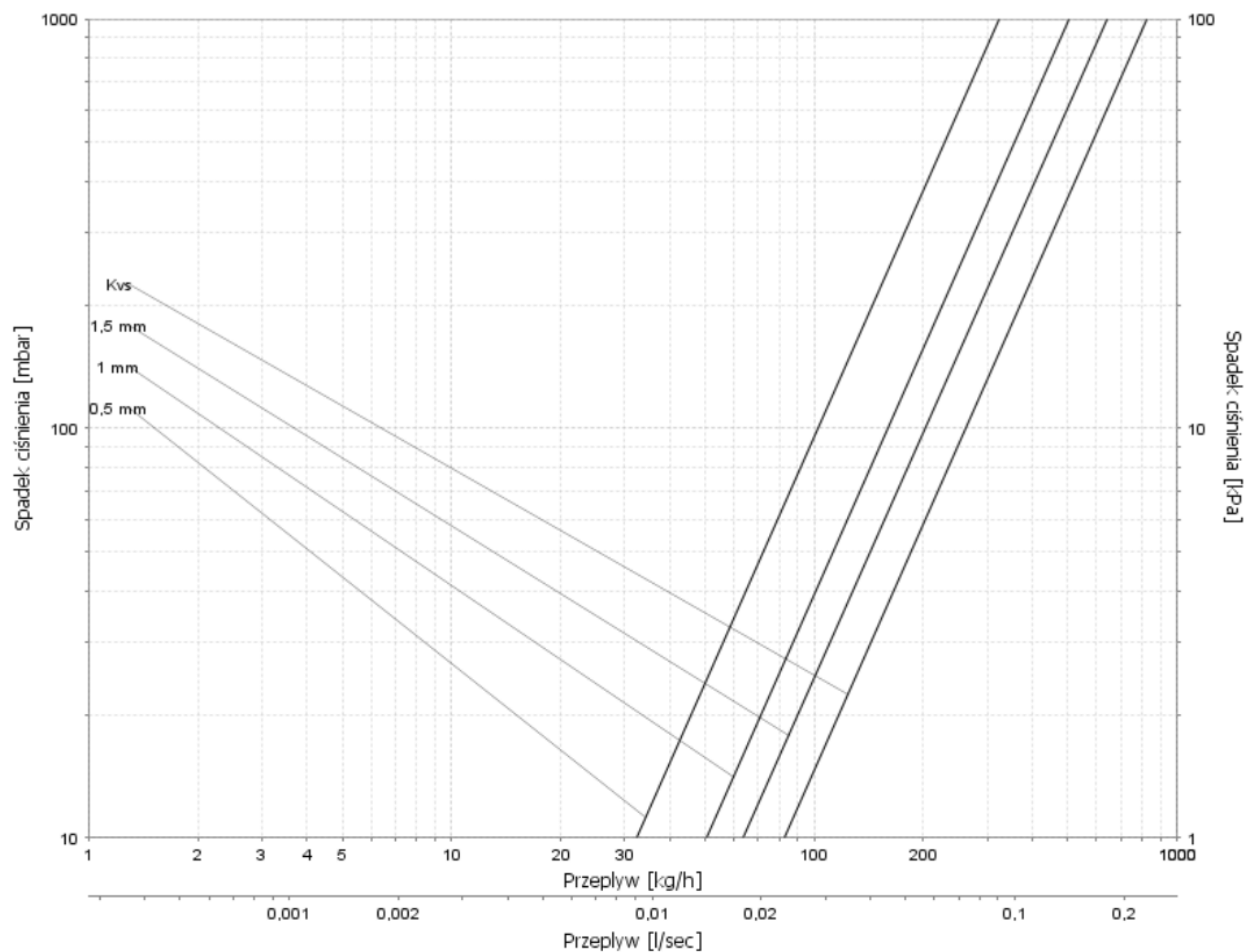
APPLICATION

The LimitBox set is designed to limit the radiator return temperature and / or to regulate the temperature for small underfloor heating surfaces (up to 15 m²) in combined underfloor and radiator heating installations. The use of the above limiter will maintain a constant temperature of the heating medium return in the range from 10 to 50 ° C and eliminate the need for a mixing valve and additional circulation pump.

SPECIFICATION

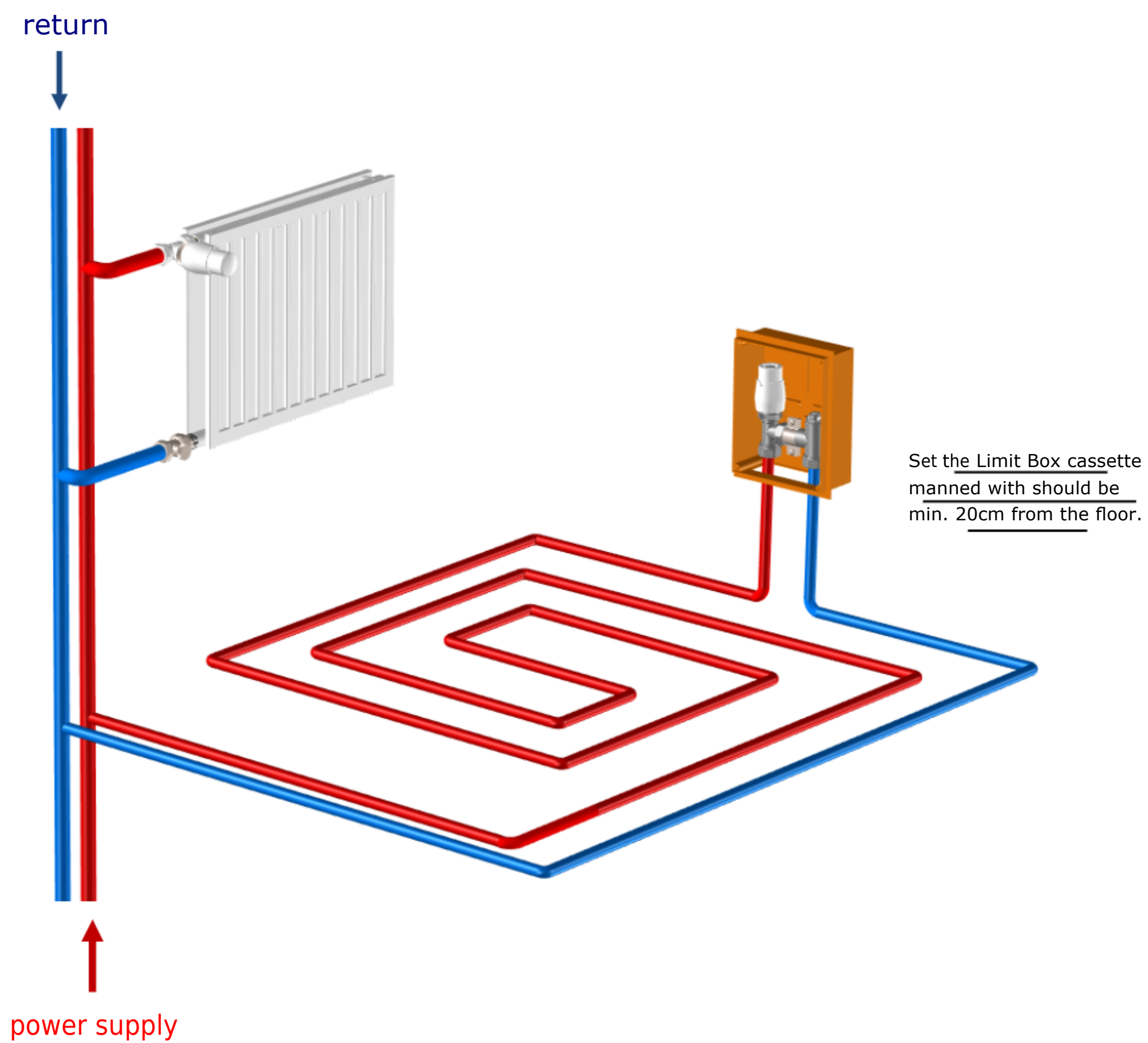
Working temperature	90 °C
Working pressure	10 bar (1MPa)
Heating factor	water
Max. pressure difference	0.06MPa
Test pressure	1.5 MPa
Operating range	10 - 50 °C

Flow diagram for a valve RTL Standard



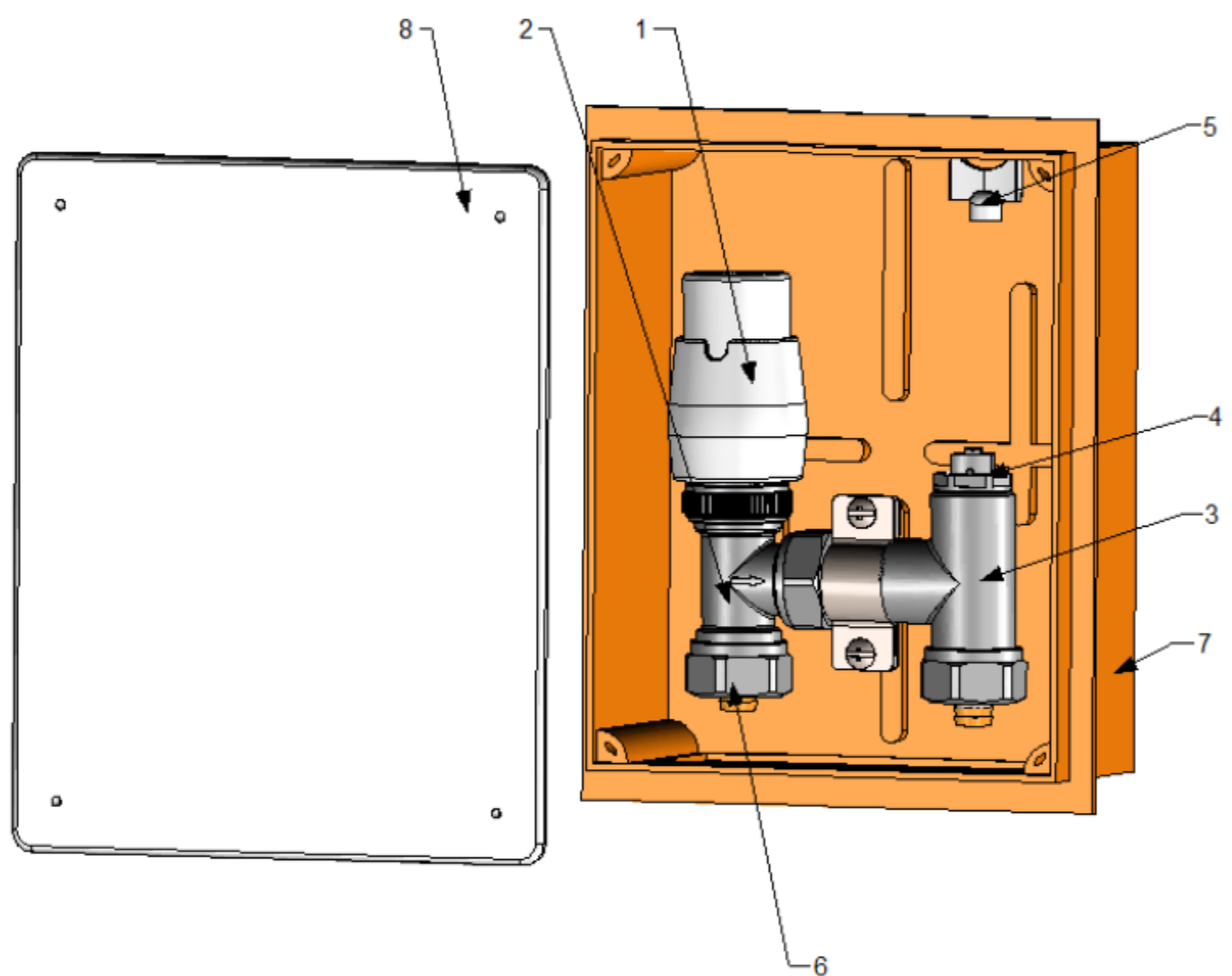
Degree of opening of the valve	1K	2K	3K	4K	KVS
Kv	0.06	0.2	0.3	0.45	0.85
Tolerance	± 10%				

OPERATING PRINCIPLE - CONNECTION



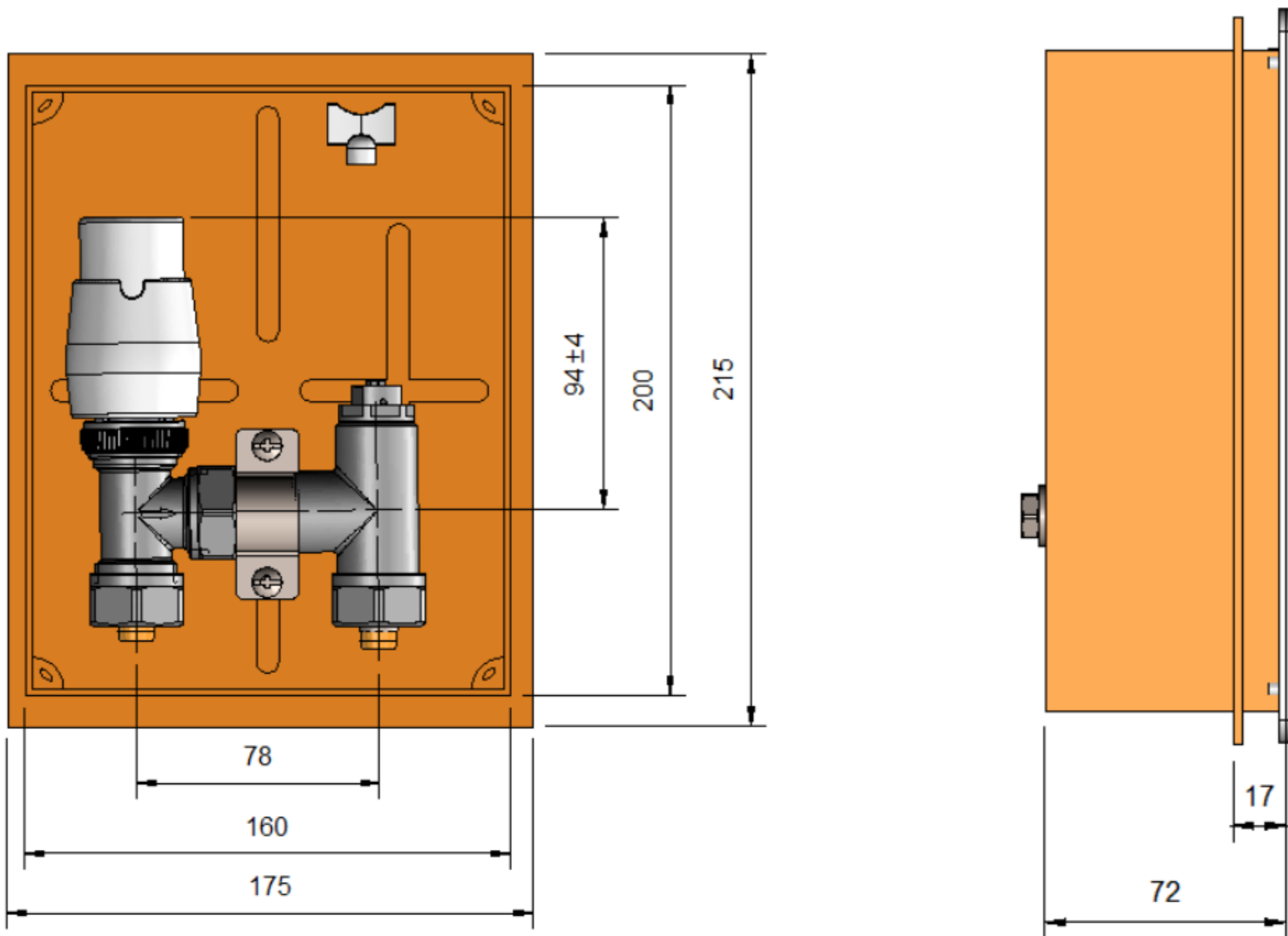
Construction of the LimitBox set

- 1. RTL head
- 2. RTL valve
- 3. Trójnik
- 4. Odpowietrznik
- 5. Breat air key
- 6. 16x2 connectors
- 7. Concealed cassette with a handle
- 8. Mask (*)



* - the kit includes an additional cardboard plug that protects the interior from dirt during facade and renovation work.

DIMENSIONS



PERFORMANCE

All color versions are available on www.varioterm.pl