

LK 550-22 Mixing Valve

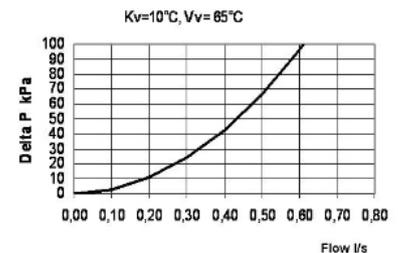
Thermostatic mixing valve for tap water systems and water heaters.



TECHNICAL DATA

Max. working temp.	90°C
Max. working pressure	1,0 MPa
Material, valve body	DZR-brass, EN 12165 CW602N
Warm water range	+38°C - +65°C
Pipe connection	Compression fittings, 22 mm

Pressure drop



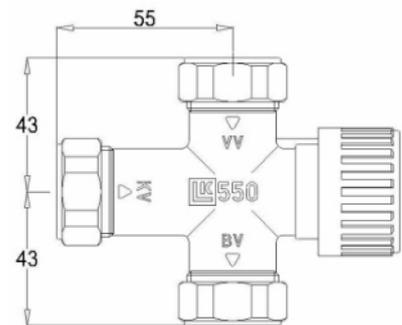
FITTING/INSTALLATION

The arrow on the valve housing indicates the direction of flow.

- KV = incoming cold water
- VV = incoming hot water
- BV = outgoing warm water

The valve has compression fittings for fitting to copper or steel pipes. When fitted to a male thread connection, adapter LK 373 22 x G $\frac{3}{4}$ art. no. 189 8055 is used.

It is easier to fit the compression fitting if a lubricant is applied to the thread and bevel. Tighten first by hand and then with a box spanner. Number of turns to be tightened with a spanner: See the separate datasheet for compression fittings. Soft pipes are to be fitted with a support sleeve.



OPERATION AND MAINTENANCE

The valve knob is used to set the desired hot water temperature within the range of 38°C to 65°C. The maximum temperature can be calibrated as follows:

Increasing the maximum temperature:

Turn the knob counter-clockwise to (+). Loosen the screw and move the knob out to the side. Then turn the knob clockwise to (-) without it being engaged. Adjustments are carried out in small steps. A $\frac{1}{4}$ turn corresponds to approximately 7°C. Reinstall the knob and check that it engages with the teeth. Tighten the screw and then turn the knob to max (+). Max calibration for increasing the temperature is a $\frac{1}{2}$ turn.

Reducing the maximum temperature:

Do the procedure in reverse. Turn the knob clockwise to (-) and the disengaged knob counter-clockwise to (+).

The valve requires no maintenance. The installation should be checked regularly.

Article Type	Art. no.	Dim.
LK 550	090205	22 mm
LK 550 incl. backflow preventer	091039	22 mm