

## LK 550 Mixing Valve

### Technical Data

Working temperature	Min. +5° C/Max. +90° C (Min. 41° F/Max. 194° F)
Operating temperature	Min. +38° C/Max. +65° C (Min. 100.4° F/Max. 149° F)
Max. working temperature	1.0 MPa (10 bar)
Material, valve body	DZR Brass EN 12165 CW602N
Material, sealings	EPDM

LK 550 is a mixing valve for water heating with a thermostatic element that regulates the supply of cold water in order to achieve the desired temperature. Valves with male thread G ½" and 15mm compression fitting have an airvent for simple draining of smaller water heaters.

Arrows on the body valve indicate the direction of the flow:

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

When fitting to a male thread connection adapter LK 373 is used – see under Accessories.

The valve knob is used to set the desired warm water temperature within the range of 38° C to 65° C (100.4° F to 149° F). The maximum temperature can be calibrated as follows:

### Increasing the Maximum Temperature:

Turn the knob anticlockwise 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 ¼ turn corresponds to approximately 7° C (44.6° F). 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 ½ turn.

### Reducing the Maximum Temperature:

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

