

Combination valve

548



Combination valve for water heating, including thermostatic mixing valve.

Design

Valve body made from DZR-brass, EN 12165 CW602N. Combination valve with combined shut-off-/check valve and mixing valve within the range 38°C-65°C.

The shut-off/check valve has two G½ female connections for fitting safety/vacuum or filling valves. Pipe connection 22 mm with compression fittings.

Fitting / Installation

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

KV = incoming cold water

VV = incoming hot water

BV = outgoing warm water

Female connections G½ are designed for LK Armatur's system with o-ring seals, When connecting to this system tighten first by hand until stop, then another 0,5-1,5 turns with an appropriate tool into right position. Other articles are fitted in the usual manner.

The valve has compression fittings for fitting to copper or steel pipes. When fitted to a male thread connection, adapter

LK 373 15 x G½ art.no 189 8022, or

LK 373 22 x G¾ 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 table on page 21. Soft pipes are to be fitted with a support sleeve.

Operation and maintenance

The combination valve requires no maintenance.

The installation should be checked regularly.

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

Increasing the maximum temperature:

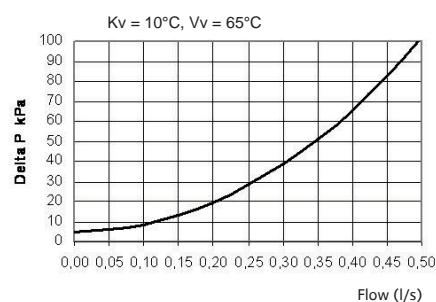
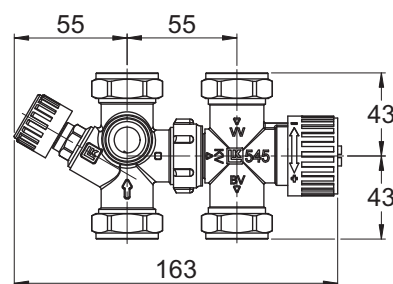
Turn the knob anticlockwise to (+). Loosen the screw and move the knob out to the side. Then turn the knob clockwise to (-) without it being engaged. Adjustments are carried out in small steps. A ¼ turn corresponds to approximately 7°C. Reinstall the knob and check that it engages with the "teeth". Tighten 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 (+).

Max pressure: 1.0 MPa
Max working temp: 90 °C



Article	Dimension	Art. no	Pack qty
548-22	22 mm	090085	1