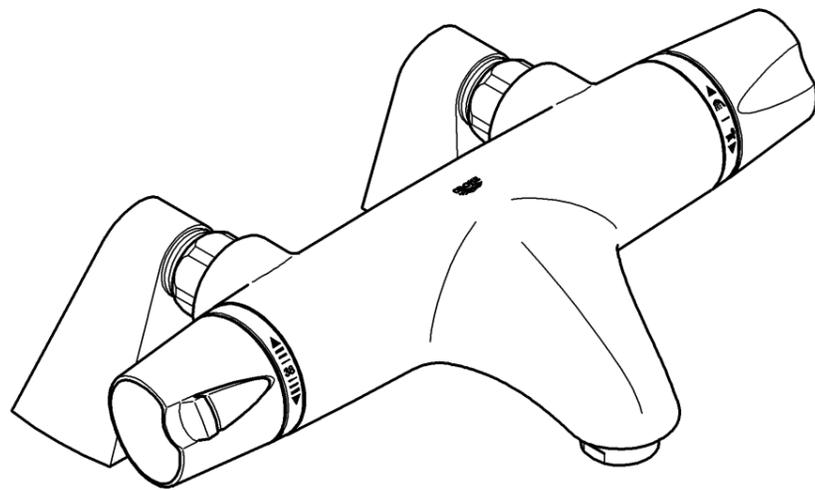


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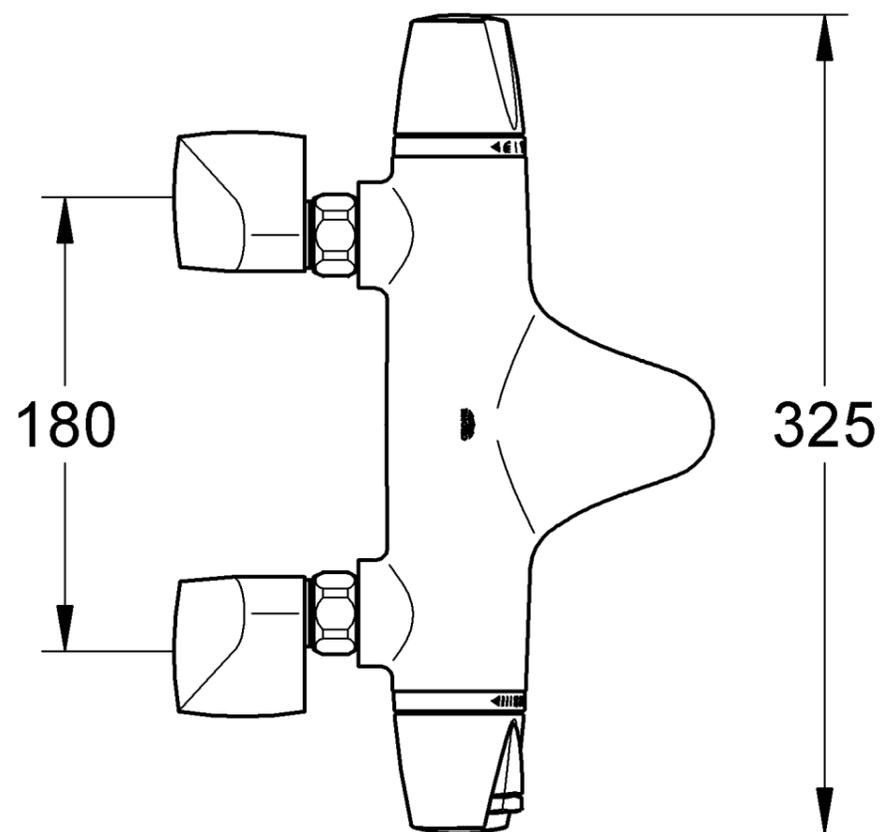
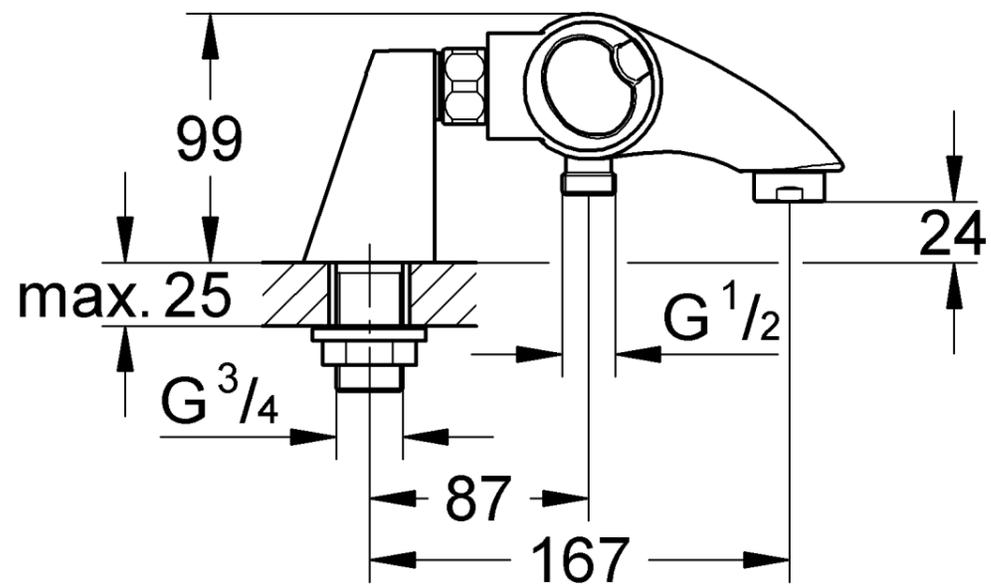


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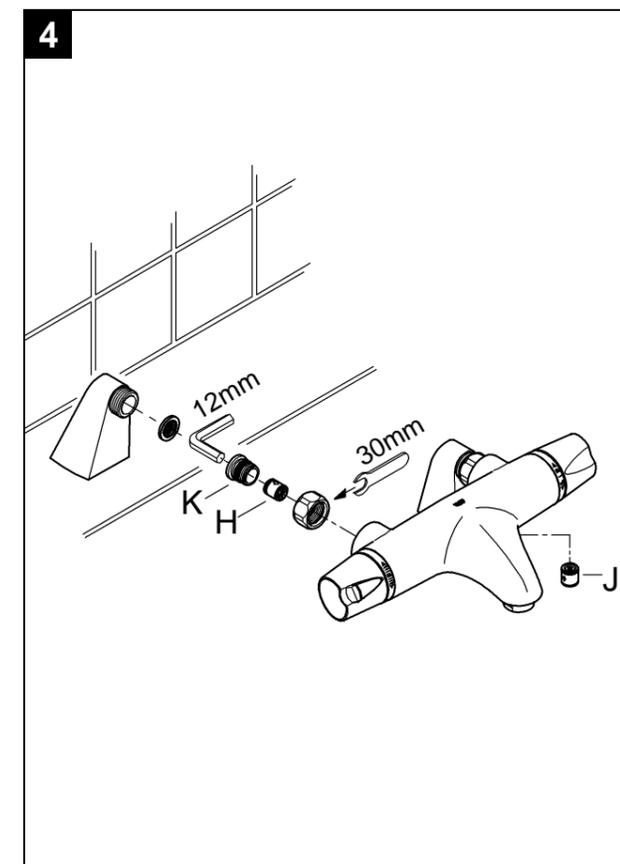
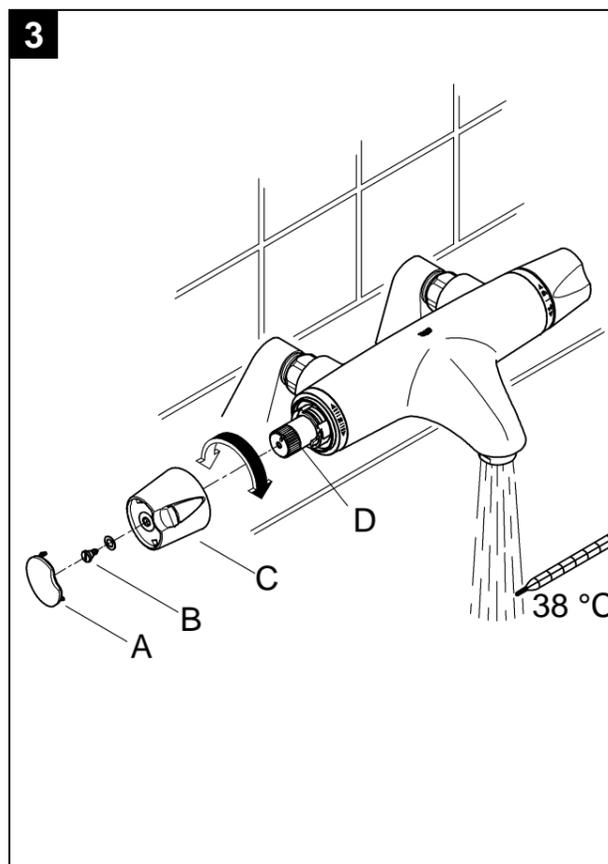
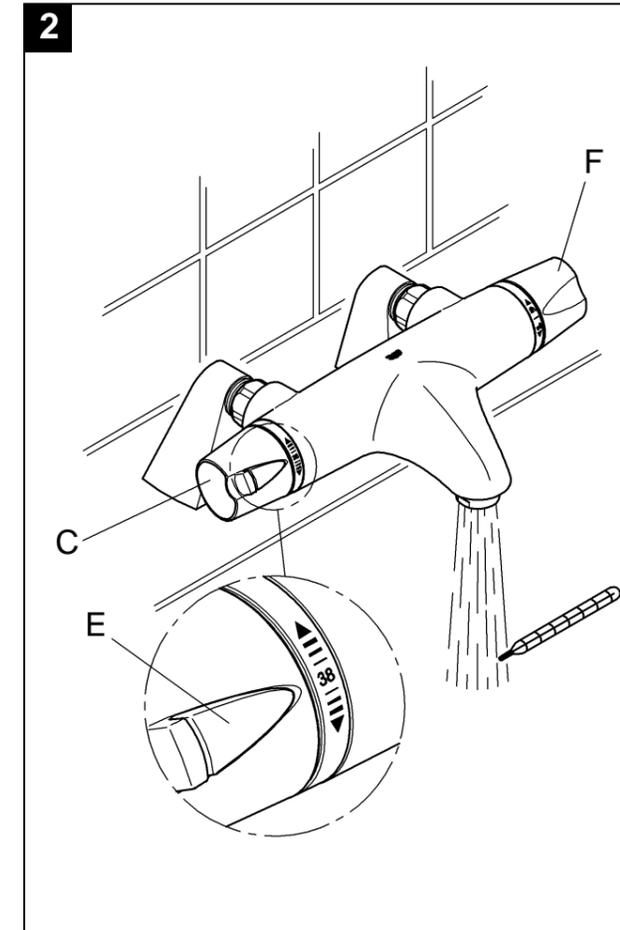
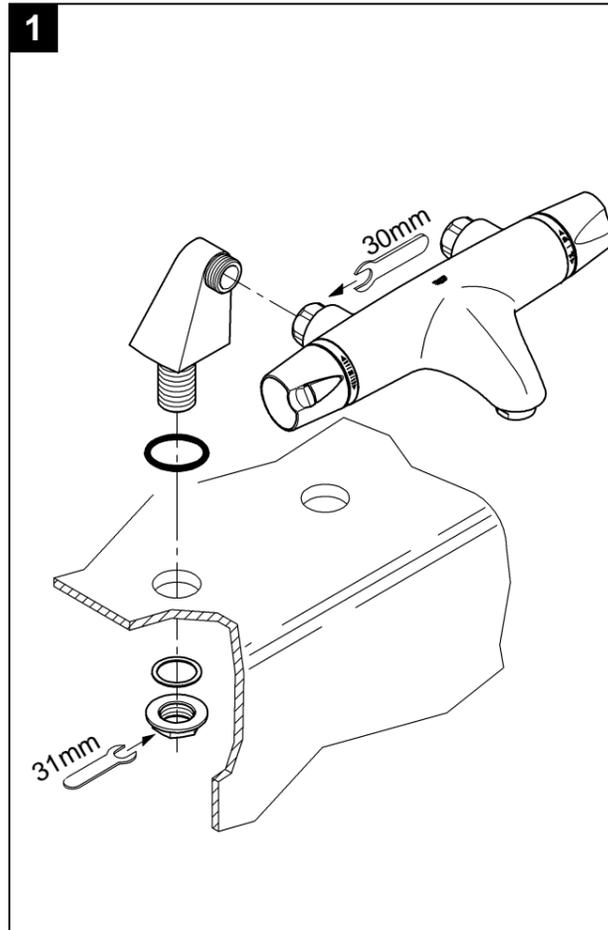
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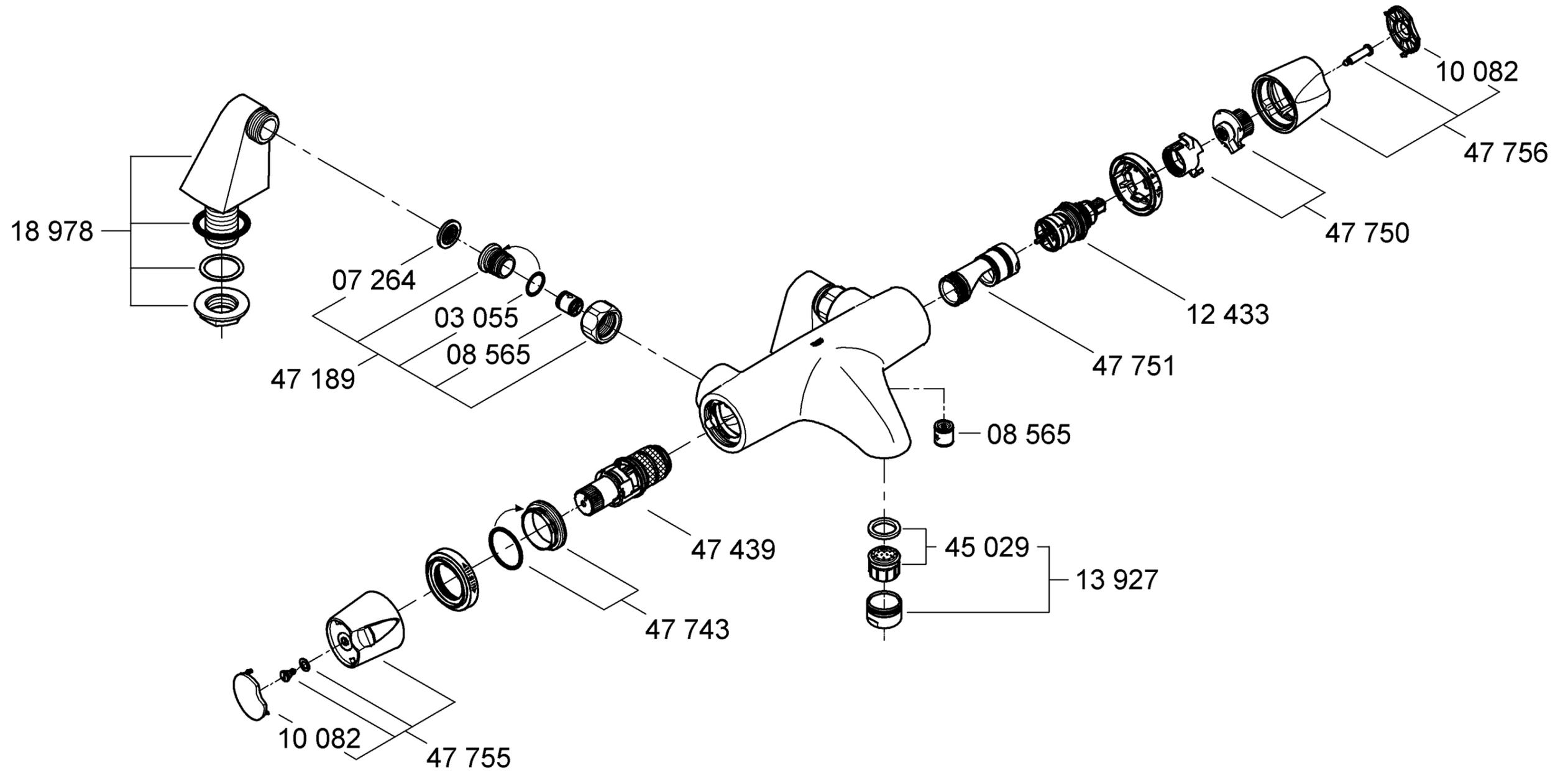
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Wavy lines logo



Please pass these instructions on to the end user of the fitting.







Application

Thermostat mixers are designed for hot water supply via pressurised storage heaters and, utilised in this way, provide the best temperature accuracy. With sufficient power output (from 18 kW or 250 kcal/min), electric or gas instantaneous heaters are also suitable.

Thermostats **cannot** be used in conjunction with unpressurised storage heaters (displacement water heaters). All thermostats are adjusted in the factory at a flow pressure of 3 bar on both sides.

Should temperature deviations occur on account of special installation conditions, the thermostat must be adapted to local conditions (see Adjusting).

Specifications

Minimum flow pressure without downstream resistances	0.5 bar
Minimum flow pressure with downstream resistances	1 bar
Max. operating pressure	10 bar
Recommended flow pressure	1 - 5 bar
Test pressure	16 bar
Flow rate at 3 bar flow pressure	approx. 20 l/min
Max. water temperature at hot water supply	80 °C
Recommended max. flow temperature (energy saving)	60 °C
Safety stop	38 °C
Hot water temperature at supply connection min. 2 °C higher than mixed water temperature	
Cold water connection	right
Hot water connection	left
Minimum flow rate	= 5 l/min
If static pressure exceeds 5 bar, a pressure reducing valve must be fitted.	

Installation

Flush pipes thoroughly.

Pillar mounting

Fit pillar unions and screw-mount the mixer, see fold-out page I Fig. [1].

Refer to the dimensional drawing on fold-out page I.

Adjusting

For temperature adjustment, see Figs. [2] and [3].

1. Open the shut-off valve and check the temperature of the water with a thermometer, see Fig. [2].
2. Lever out cap (A), see Fig. [3].
3. Remove screw (B).
4. Detach temperature control handle (C).
5. Turn regulating nut (D) until the water temperature has reached 38 °C.
6. Install temperature control handle (C) so that button (E) points towards the front, see Fig. [2].
7. Screw in screw (B), see Fig. [3].
8. Refit cap (A).

Temperature limitation

The safety stop limits the temperature range to 38 °C.

The 38 °C limit can be overridden by pressing the button (E).

Shut-off handle (F) operation, see Fig. [2].

Shut-off handle in central position = closed

Turn shut-off handle anti-clockwise = discharge from spout

Turn shut-off handle clockwise = discharge from shower

Prevention of frost damage

When the domestic water system is drained, thermostats must be drained separately, since non-return valves are installed in the hot and cold water connections. For this purpose, the mixer must be removed from the wall.

Maintenance

Inspect and clean all parts, replace if necessary and lubricate with special grease (Prod. no. 18 012).

Shut off hot and cold water supplies.

I. Non-return valve (H) or (J), see fold-out page I Fig. [4].

- Remove connection nipple (K) by turning clockwise (left-hand thread) using a 12mm allen key.

Install in reverse order.

II. Thermostatic compact cartridge (L), see fold-out page III, Fig. [5].

- Remove O-ring (M1).

- Loosen screw ring (M) using a 34mm tool.

- If necessary, lever out thermostatic compact cartridge (L) via recess (L1).

- Remove screw ring (M).

Install in reverse order.

Observe the correct installation position of the thermostatic compact cartridge (L) and the scale ring (N), see details, Fig. [5].

Readjustment is necessary after every maintenance operation on the thermostatic compact cartridge (see Adjusting).

III. Aquadimmer (O), see fold-out page III, Figs. [6] and [7].

Install in reverse order.

Observe correct installation position of individual components, see details.

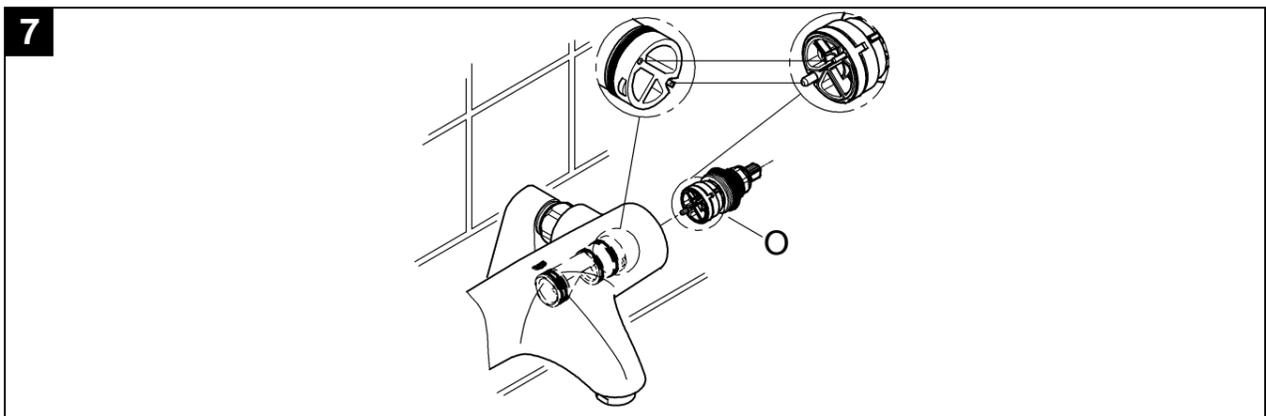
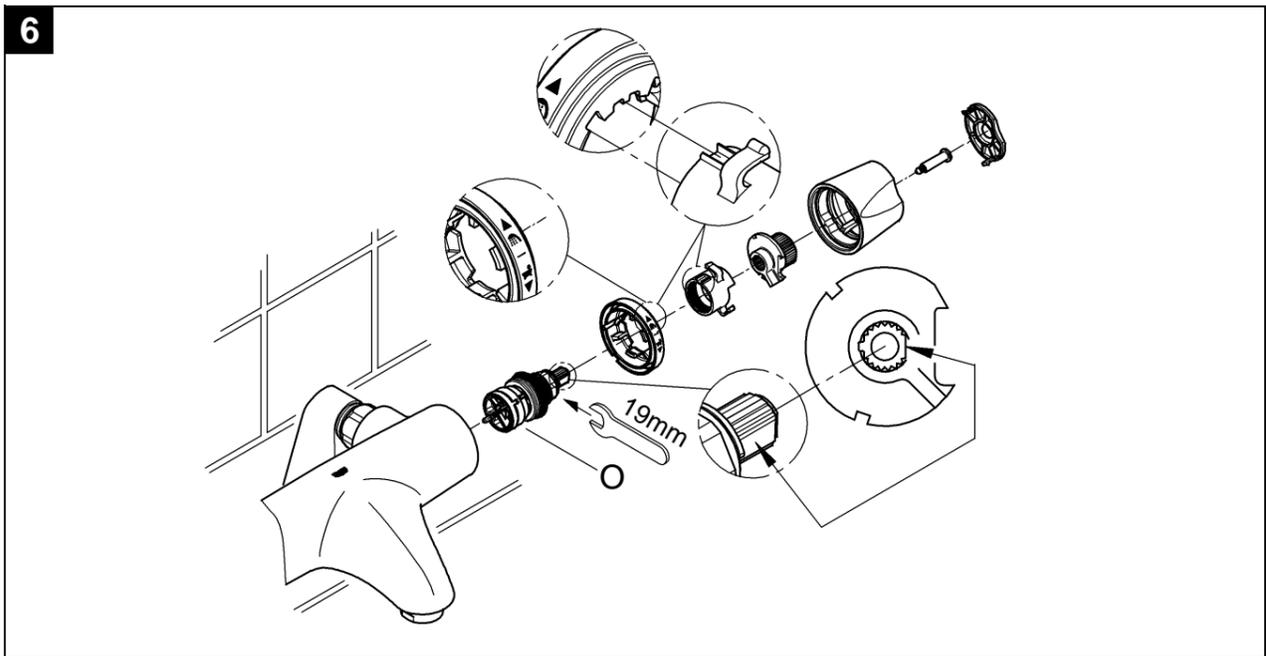
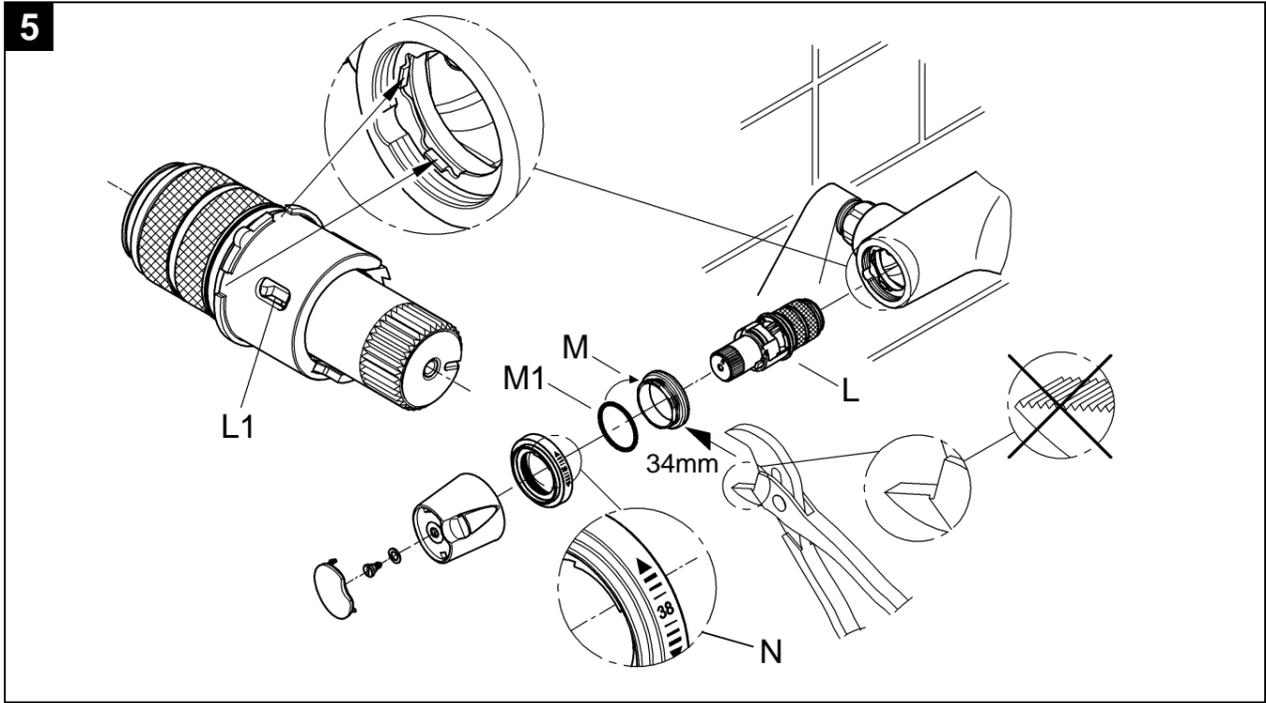
IV. Unscrew and clean mousseur (13 927), see fold-out page II.

Install in reverse order.

Replacement parts, see fold-out page II (* = special accessories).

Care

For directions on the care of this fitting, please refer to the accompanying Care Instructions.



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