LST Thermostatic Valve Set

Operating Instructions

Kit contents

1 Herz thermostatic sensor
1 Angled thermostatic valve body
1 Retaining nut and washer, attached to plunger and capillary assembly
1 Plunger and capillary assembly
1 Set of compression fittings

Installation instructions

1 Gently tap out the circular cut-out, or cut a 28.5mm hole, in the side casing
2 Unscrew retaining nut and remove washer
3 Push plunger assembly though the side casing from the inside
4 Place washer and retaining nut on the thread and tighten to ensure no movement, as this will effect the accuracy of the unit
5 Uncoil the capillary tube as much as needed to reach the valve body, ensuring no kinks in the tube
6 Screw the valve into the emitter and connect to the heating system
7 Fit the capillary tube to the valve ensuring a tight connection
8 Adjust the sensor to max (setting 6)
9 Fit sensor to the outside end of the plunger unit

Important

The sensor should be fitted away from direct sunlight, or other sources of heat, such as a TV set. The sensor should not be covered by curtains be very close to furniture as this will mask the sensor and not allow it to sense the room temperature correctly, leading to poor operation.
The sensor automatically controls the temperature of the room by regulating the heating water supply to the radiator according to the ambient temperature of the room. By simple adjustment of the setting, the desired room temperature can be achieved. Below are the nominal temperatures for each setting number.

Setting	✱	1	2	3	♡	4	5	6
Approx Temp. ºC	6	10	13	17.5	20	22	25	28

These figures are for guidance only, and can be affected by local conditions and the actual installation.

The maximum setting is approximately 28ºC at setting number 6, but the best start point for adjustment is the comfort point, setting ♡, of approximately 20ºC. Set all sensors at this point and then in each area, adjust the sensors by a small increment at a time allowing the temperature in the room to stabilise between each adjustment.

Frost release

At setting ✱, the valve will open when the ambient temperature reaches 6ºC giving protection from freezing.

Locking instructions

By inserting one, or two, limiting pins, the temperature adjustment range can be limited, or the set point locked, if required, to prevent unauthorised adjustment of the setting.

Procedure

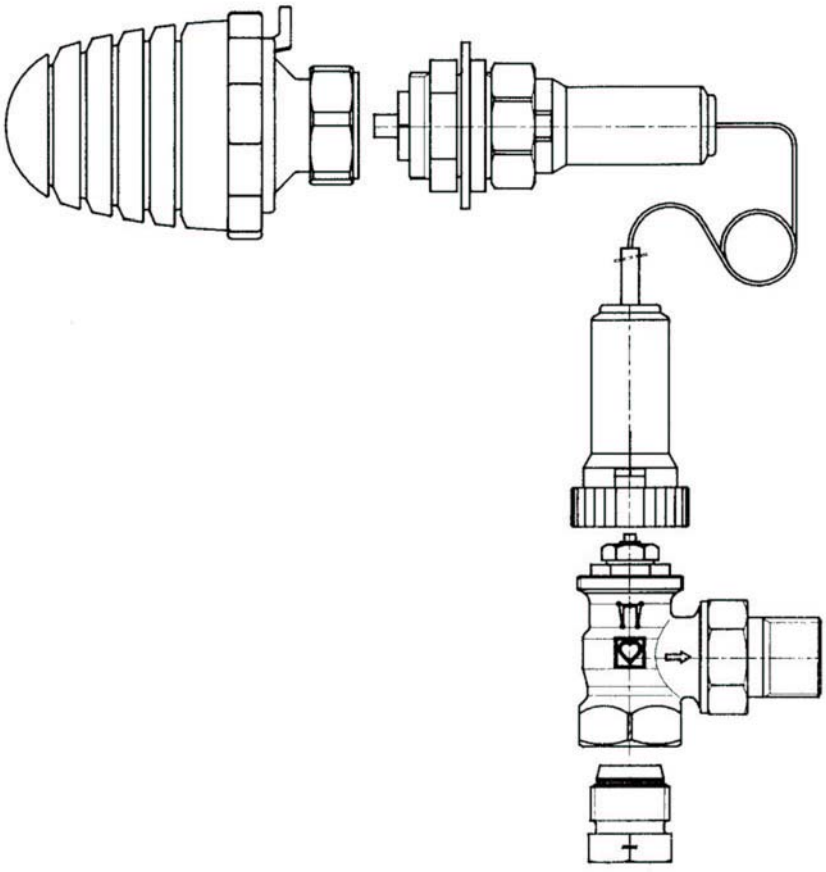
Between the ✱ and **1** settings on the sensor is a line which marks the locking pin positions. The *upper* end of the line is toward the **1** and the *lower* end toward the ✱.

1 If it is required to set the sensor at a **maximum** temperature, set the sensor to that setting and then insert a pin in the hole under the skirt corresponding to the *upper* end of the line.

2 If it is required to set the sensor at a **minimum** temperature, set the sensor to that setting and then insert a pin in the hole under the skirt corresponding to the *lower* end of the line.

3 If it is required to **lock** the setting to allow no adjustment, set the sensor to that temperature and then insert pins in the holes under the skirt corresponding to *both* ends of the line.

The pins must be inserted *fully*. They may be removed using a suitable tool, such as flat nosed pliers. If the pins are not fully inserted, they may fall out allowing unwelcome adjustment.



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