

“HERZcules”

Thermostatic Head in Robust Design by 



HERZcules, radiator thermostat in robust version

1013 HERZcules, thermostatic head “H”, for direct mounting on radiators with integrated valves and thermostatic valves with threaded connection M 30 x 1.5 .
 Protection against vandalism, theft and unauthorized operation.
 Mounting, dismounting and set point control only possible with special tools. Locked and concealed set point with automatic frost release.

Application

Set value range: 46-80 °F [8-26 °C].
 The HERZ-thermostat is maintenance-free.
 The set value temperature is set using special tools.
 Using a coin, the set value can be adjusted up to a maximum of -4k or -10k.
 The temperature can therefore be decreased while ventilating the room or when the room is not in use without changing the standard setting of the device.
 Warning: Decrease in temperature is only possible if the desired room temperature (set value temperature) has been set correctly. Please note, that the maximum decrease in temperature (up to -10 K) is outside the range that could cause damage to the heating system or building (e.g. from frost or mildew).

Operational data

The HERZ-thermostat serves as a sensor and control element. The change in volume of the liquid contained in the HERZ-hydrosensor actuates the valve spindle.

Mode of Operation

By setting the scale marks above the pointer it is possible to achieve approximately the following temperatures in the room. Deviations of a few degrees of temperature (K) are possible according to the mode of installation and the design of the heating system.

Setting Options

Setting	min	T	=	●	≡	max
approx °F	46	54	61	68	75	80
approx °C	8	12	16	20	24	26

Position “●” corresponds to a room temperature of approx. 68 °F [20 °C]. This means optimum comfort and energy saving.

Position “●”

After the end of the heating period, open thermostat completely by setting to the max. position (using unlocking tool) in order to prevent the formation of dirt deposits at the valve seat.

Summer Setting

Under no circumstances should the thermostatic head be exposed to direct sunlight or to the effects Important for Installation of equipment emitting relevant quantities of heat. Furthermore, it should not be installed behind panelling or heavy curtains.

Important for Installation

IG-TH-HERZcules-2012

Installation Guide "HERZcules"

The temperature setting is now secured and cannot be changed without tools.
The hand wheel can be turned in either direction without changing the set value.

The thermostatic head features the following components visible from outside which are mentioned in this Data Sheet:

- ① **Fastening nut**
metallic, nickel-plated, with 2 securing screws (2-mm-Allen screws)
- ② **Rib ring**
can be rotated around the fastening nut.
- ③ **Locking sleeve** with indentation.
- ④ **Hand wheel** with set value marks.

Remove screw cap from the valve.

Screw thermostatic head in completely open position (as delivered) onto the valve.
Twist the rib ring ② clockwise until the fastening screws become visible through the two screw slots directed towards the valve.
Insert tightening tool in such a way that the two pins engage in the two screws and tighten slightly by turning clockwise.

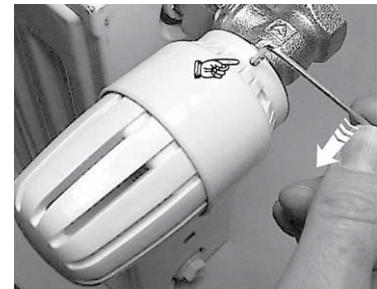
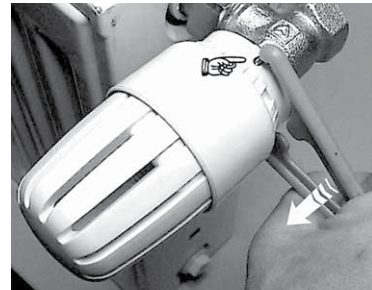
Use a 2-mm-Allen key to tighten the two screws which can be seen through the slots of the rib ring ②. In this way, the thermostatic head is secured to the valve.
The rib ring ② can be turned as required to cover the securing screws.

Operation

Components



Installation



Tools

Unlocking tool



Tightening tool



Turn the hand wheel which can be turned in either direction together with the locking sleeve ③ until the indentation on the hand wheel side of the locking sleeve can be seen in the area of the printed marks.

Unlocking

Place unlocking tool into position by laying it over the rib ring in such a way that the wedges point towards the thermostatic head and the projecting mark is located above a screw slot of the rib ring ②.

Introduce the unlocking tool up to the stop into the slot between rib ring ② and locking sleeve ③.

The locking sleeve ③ is unlocked and can be slid towards the locking nut. When this is done, the setting marks of the hand wheel become visible. The unlocking tool can be removed.

Setting and Locking

While holding the locking sleeve ③, turn the hand wheel until the desired setting mark aligns with the indentation of the locking sleeve ③. Then, without tools, slide the locking sleeve ③ towards the hand wheel until the hand wheel scale is covered and the sleeve clicks into position.

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Operation

The temperature setting is now secured and cannot be changed without tools. The hand wheel can be turned in either direction without changing the set value.

Set Value Adjustment

