

HERZ thermostatic head

with liquid sensor

Data sheet 9200 MINI, Issue 0222

 HERZ Thermostatic head


011
EN 215
checked and registered
Certified products:
1 9220 30
1 9220 60

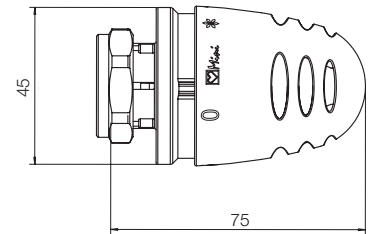
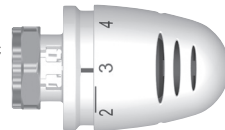
MINI-GS



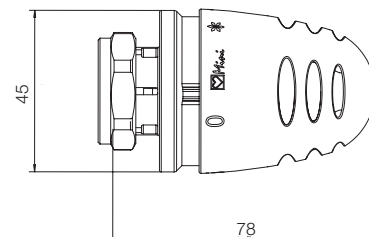
MINI-Turbo



MINI-Classic



9200



9200 H

 Models

1 9200 30	M 28 x 1,5	zero position	white	Classic
1 9200 13	M 28 x 1,5	zero position	white	Turbo
1 9200 03	M 28 x 1,5	zero position	white	GS
1 9200 60	M 28 x 1,5	frost protection	white	Classic
1 9200 16	M 28 x 1,5	frost protection	white	Turbo
1 9200 06	M 28 x 1,5	frost protection	white	GS
1 9200 41	M 28 x 1,5	zero position	chrome	GS
1 9200 38	M 30 x 1,5	zero position	white	Classic
1 9200 93	M 30 x 1,5	zero position	white	Turbo
1 9200 83	M 30 x 1,5	zero position	white	GS
1 9200 68	M 30 x 1,5	frost protection	white	Classic
1 9200 96	M 30 x 1,5	frost protection	white	Turbo
1 9200 86	M 30 x 1,5	frost protection	white	GS
1 9200 48	M 30 x 1,5	zero position	chrome	GS
1 9200 35	M 30 x 1,5	zero position	white	GS
1 9200 69	MMA	frost protection	white	GS
S 9200 34	M 28 x 1,5	zero position	white	Classic
S 9200 31	M 28 x 1,5	zero position	chrome	Classic
S 9200 49	M 28 x 1,5	zero position	matt black	Classic
S 9200 35	M 28 x 1,5	zero position	vintage	Classic

Zero position Radiator thermostat with liquid sensor (hydrosensor) with setting "0", frost protection adjustable, with limitation and locking of the set point range.

Frost protection Radiator thermostat with liquid sensor (hydrosensor) with automatic frost protection and frost protection adjustable, with limitation and locking of the set point range.

 Operational data

Set point range zero position 0 - 30 °C
 frost protection 8 - 28 °C
 Frost protection at ca. 8 °C

The HERZ thermostat is maintenance-free.

 Application

For installation on all valves for thermostatic operation. Article numbers, dimensions and delivery form of the HERZ valves can be found in the corresponding brochures and data sheets.

☑ Manufacturer specifications

Order number	Hysteresis at nominal flow	Differential pressure influence	Closing time in min	Water (heating medium)-temperature influence	CA-value
1 9200 30	0,7	0,7	15	1,2	1,0
1 9200 60	0,7	0,5	15	1,2	1,0
1 9200 38	0,7	0,7	15	1,4	1,0

☑ Function

The HERZ thermostat senses and controls the room temperature. The change in volume of the liquid filling in the HERZ hydrosensor moves the valve's push spindle.

☑ Setting options, hand wheel scale

By setting the scale marks opposite 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.

Mark	*	1	2	3	4	5	max.
°C	~ 8	~ 12	~ 16	~ 20	~ 24	~ 28	~ 30

☑ Comfort point „3“



Position corresponds to a room temperature of approx. 20 °C. This means optimum comfort and energy saving.

☑ Frost Release „*“

In the „*“ position, the valve opens automatically at an ambient temperature of approx. 8 °C and prevents the system from freezing up.

☑ Shutoff zero position

In the “0” position the thermostatic valve is shut off and the frost release is turned off. This is not a mechanical shut-off of the thermostatic valve; „*“ must be set to ensure protection against frost.

☑ Summer position

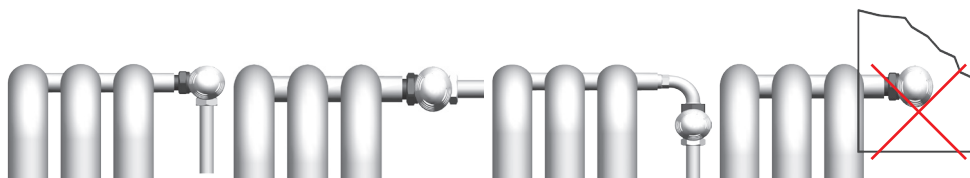
After the end of the heating period, open thermostats completely by turning anticlockwise to prevent the formation of dirt deposits at the valve seat.

☑ Theft protection

A snap clip 1 9552 03 is available as theft protection, which is mounted using the fastening nut.

☑ Important for installation

The HERZ thermostatic head should never be exposed to direct sunlight or devices that emit heat (e.g. television). If the radiator is covered, cladding or heavy curtains, a heat accumulation zone forms in which the room thermostat cannot sense the room temperature and therefore cannot regulate it.



☑ Accessories

1 6640 00	HERZ universal key, for opening theft protection clips
1 6807 90	HERZ TS 90 assembly key
1 9551 02	Limiting pin for limitation and locking of the set point range
1 9552 03	M 28 x 1,5; theft protection (snap clips), opening with key 1 6640 00
1 9552 98	M 30 x 1,5; theft protection (snap clips), opening with key 1 6640 00
1 6329 30	Isolating cap
1 9102 80	Hand wheel
1 9596 44	M 28 x 1,5; cover sleeve for fastening nut of the thermostatic head H
1 9597 44	M 30 x 1,5; cover sleeve for fastening nut of the thermostatic head H

Installation

1. Remove screw cap or hand wheel from the thermostatic valve.
2. Place thermostatic head in completely open position (as delivered) on the valve lower part in such a way that the anti-twist lock engages and the pointer is clearly visible.
3. Screw on the union nut and tighten it moderately (key SW 30; „H“ SW 32).
4. Test for proper functioning by turning the hand wheel (e.g. handwheel is in position 3 comfort setting).

Hidden blocking and limitation

By setting one or two plug-in limiting pins, the range of rotation can be limited or blocked, which cannot be seen or manipulated by unauthorized persons.

The limiting pins are available as accessories, order № 1 9551 02.

Procedure

On the underside of the thermostatic head, a circle of holes is provided in the base part to accommodate the limiting pins

- Set the hand wheel of the thermostatic head to the desired position for limiting or blocking.
- On the hand wheel scale at position "2" there is a horizontal line that marks the setting for the limiting pins. The same procedure as for „Limitation“ is to be used.
- Set the hand wheel to the desired setpoint

(image 1)

- Upper Limit:

Place the pin in line with the left end of the line.

(image 2)

- Lower Limit:

Place the pin in line with the right end of the line.

(image 3)

- Blocking on a setting

Put a pin on the left and one on the right end of the line.

(image 4)

- The limiting pins are to be inserted up to the stop (thickening). They can be removed again with a suitable tool (flat nose pliers, etc.).

image 1



image 2



image 3



image 4



Disposal

The disposal of HERZ thermostatic head must not endanger the health or the environment. Local and currently valid legislation must be observed for disposal.

Brass

Pursuant to Article 33 of the REACH Regulation (EC No. 1907/2006), we are obliged to point out that the material lead is listed on the SVHC list and that all brass components manufactured in our products exceed 0.1% (w / w) lead (CAS: 7439-92-1 / EINECS: 231-100-4). Since lead is a component part of an alloy, actual exposure is not possible and therefore no additional information on safe use is necessary.

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