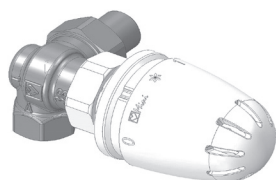


# HERZ thermostatic head

## 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

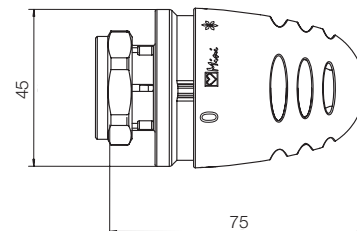
MINI-GS



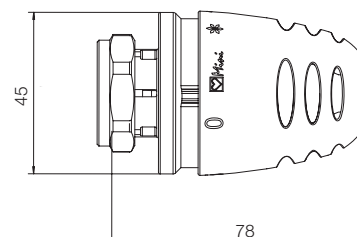
MINI-Turbo



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

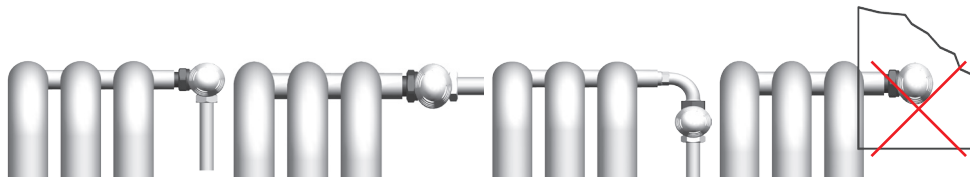
After the end of the heating period, open thermostats completely by turning anticlockwise to prevent the formation of dirt deposits at the valve seat.

### ☑ 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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