

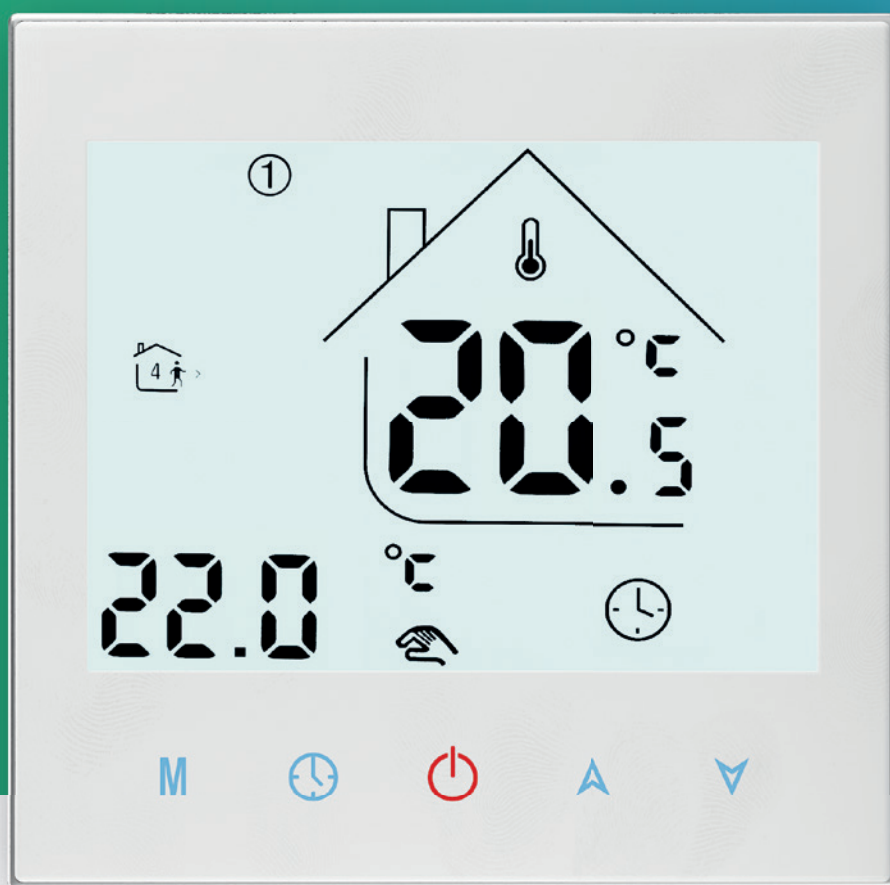


Product card
EN-CARD-HD-T1000-20240209-101

Thermostat

HD-T1000

Advanced programmable thermostat, also available in a version operated via an app with analytics for approximate electricity consumption.

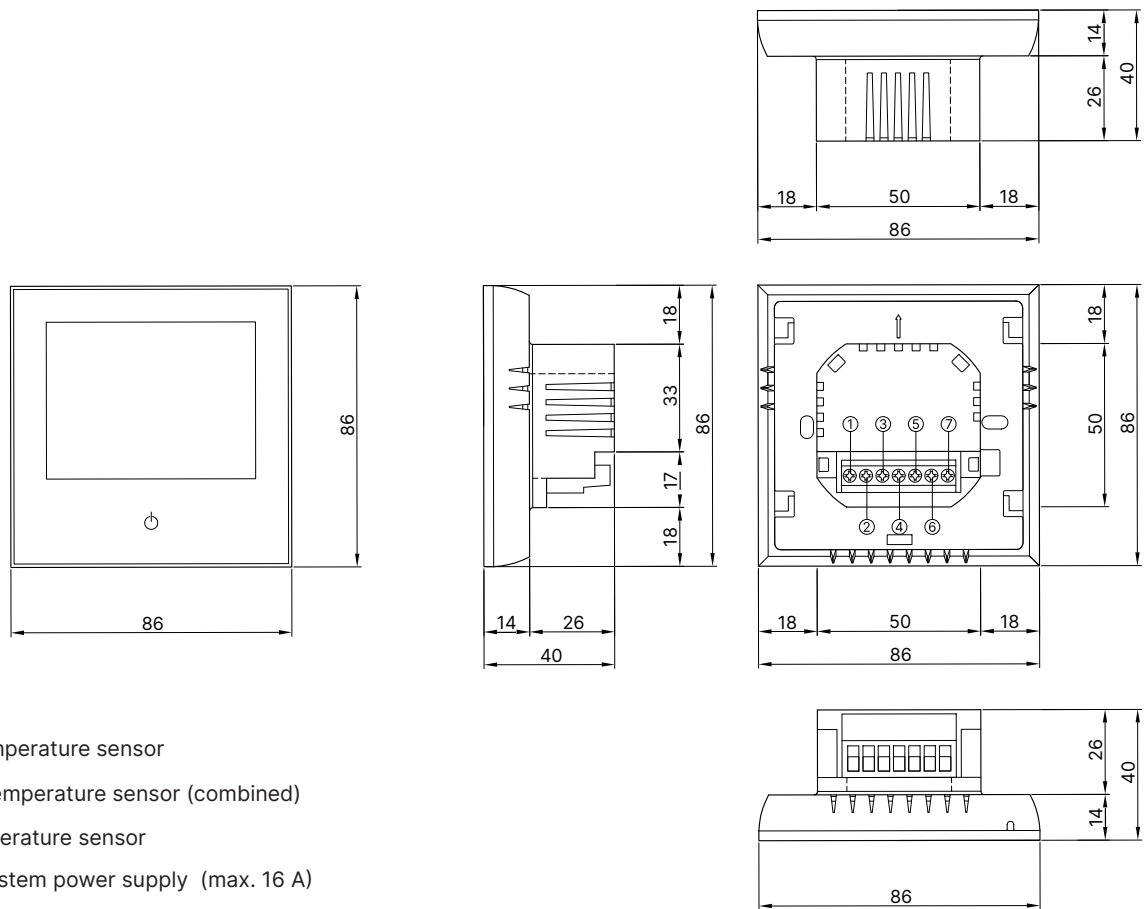


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Thermostat HD-T1000

Technical drawing

Dimensions: [mm]



Connection:

- ① RT1 - floor temperature sensor
- ② — - air/floor temperature sensor (combined)
- ③ RT2 - air temperature sensor
- ④ N - heating system power supply (max. 16 A)
- ⑤ N - thermostat power supply
- ⑥ LOAD - heating system power supply (max. 16 A)
- ⑦ L - thermostat power supply

Purpose and scope of application

Programmable thermostat with a touch panel controlling electric heating, designed for floor, wall, and ceiling systems as well as heating panels. Available in a basic version and options with ZigBee or Wi-Fi wireless communication, enabling thermostat management via the Smart Life or Tuya Smart app on mobile devices.

The HD-T1000 thermostat features a built-in air temperature sensor and is equipped with an external NTC floor temperature sensor, enabling precise control of the heating system. It is possible to connect an additional external air sensor, allowing the thermostat to be installed outside the controlled room. It has a battery that maintains the thermostat settings in case of a power outage.

Temperature programming takes place in a 5+1+1 weekly heating cycle, allowing the heating system to be adapted to household needs and saving energy. Basic thermostat functions include: controlling air and floor temperature, child lock, open window sensor, frost protection, internal temperature sensor calibration, hysteresis. After entering the correct parameters, the thermostat control app also provides approximate electricity consumption.

Installation and operational safety

The HD-T1000 thermostat can only be installed inside a building. Designed for installation indoors or outside of a dry room. For bathrooms, the thermostat should be installed outside the controlled room, using an additional air temperature sensor.

The installation of the thermostat must be carried out by an electrician with current certifications, with the power supply turned off.

For safety reasons, the thermostat must not be operated by children or individuals with limited abilities who have not been previously trained.

Thermostat HD-T1000

Technical specification

Accuracy	± 0,5°C
Histeresis	od 0,5°C do 5°C
Internal air sesor calibration	od -9°C do 9°C
Floor temperature range	od 5°C do 60°C
Room temperature range	od 5°C do 95°C
Maximum load	16 A
Power supply	230 V
Overall dimensions	86 mm × 86 mm × 40 mm
Front panel dimensions	86 mm × 86 mm × 14 mm
Memory settings	yes
External sensor input	yes
Weekly heating schedule	5 + 1 + 1
IP rating	IP20
Available in communication versions	Wi-Fi, ZigBee 3.0, no network communication

Temperature sensor

In addition to the built-in air temperature sensor, the thermostat supports two external temperature sensors:

- The HD-FS external floor temperature sensor included with the thermostat, which is mandatory for floor, wall, and ceiling heating systems;
- The HD-AS external air temperature sensor mounted in an installation box, or the HD-LSS external air temperature sensor installed in a light switch frame.

Certification



Warranty

2 years



Thermostat HD-T1000

Transport and storage

General principles for the transport and storage of electronic devices apply to the HD-T1000 thermostat.

Logistics data

No.	SKU	Product	EAN code	Casing colour	Packaging dimensions [mm x mm x mm]	Weight [kg]	Bulk packaging [pcs]	Gross packaging weight [kg]
1	HD-T1000.W	HD-T1000.W programmable thermostat - white	5904553112973	white/chrome	105 × 105 × 70	0,3	50	16,5
2	HD-T1000.B	HD-T1000.B programmable thermostat - black	5904553109843	black/chrome	105 × 105 × 70	0,3	50	16,5
3	HD-T1000.W.WIFI	HD-T1000.W programmable thermostat with Wi-Fi connection - white	5904553109812	white/chrome	105 × 105 × 70	0,3	50	16,5
4	HD-T1000.B.WIFI	HD-T1000.B programmable thermostat with Wi-Fi connection - black	5904553112966	black/chrome	105 × 105 × 70	0,3	50	16,5
5	HD-T1000.W.ZIGBEE	HD-T1000.W programmable thermostat with Zigbee 3.0 connection - white	5904553105524	white/chrome	105 × 105 × 70	0,3	50	16,5

Customs code

9032 10 20

Safety and waste disposal guidelines

This product card defines the scope of application of the product and its proper properties, but cannot replace the assembly instructions for Heat Decor products and professional preparation of the contractor. All work with the product should be performed in accordance with good practices xproduct, but has no influence on the conditions and method of its use. On the date of publication of this product card, the previous ones become invalid.



Product suitable
for sustainable
construction



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