

# Product information



## Themo Smart Thermostat

Intelligent floor heating thermostat that checks the electricity price when heating your floor.

Themo is an electronic thermostat for flush mounting in a standard wall box. The thermostat has a built-in Wi-Fi chip that can be connected with your home network. When connected to the internet Themo gets live pricing from the open electricity market, optimizes your heating cycles and allows you to save average 32,5% from your electricity bill.\*

## How does it work?



### Smart schedule

Create a detailed 7-day schedule for your comfort needs. Themo will automatically optimize heating cycles to the lowest electricity tariffs follow the schedule.



### Weather adaption

Themo is always monitoring thousands of details inside and outside your home to decide when to switch the heating on or off.



### App controlled

Connect Themo to Wi-Fi to change temperatures and schedules from your phone, tablet or laptop.



### Easy installation

Quickly set up with the online step-by-step installation guide.



### Energy History

See when heating were on and how the heating has affected your electricity bill.



### Works without internet

Switching off Wi-Fi during the night? Themo is designed to operate offline for a short time and optimize your heating even during temporary loss of internet connection.



### Multiple schedules

Your everyday schedule changes with you. Create different heating scenarios and make quick switch between them.

## Inside the box

- Themo Smart Thermostat (for in-wall mounting)
- 10 kOhm NTC temperature sensor
- Installation and operating manual
- Wall frame Merten System M
- 2 wall mounting screws
- Wire cap



EAN: 4748001006251

## Features

- Smart schedule
- Weather adaption
- Energy history
- Themo app
- Button/child lock
- Display on/off switch
- Offline heating
- Multiple schedules
- Software updates over Wi-Fi
- Electricity price view
- Temperature limiter
- Frost protection

## Specifications

### Sensors

- floor temperature sensor
- room temperature sensor

### Operation Voltage

220-240 V, 50 Hz

### Standby power consumption

Max 1,8 W

### Relay

Max 12 A / 2760 W @ 230 V

### Supported floor sensors

- NTC 6,8 kOhm @ 25°C
- NTC 10 kOhm @ 25°C
- NTC 12 kOhm @ 25°C
- NTC 15 kOhm @ 25°C
- NTC 33 kOhm @ 25°C
- NTC 47 kOhm @ 25°C

### Floor temperature limit

Maksimum allowed temperature 45°C

### Frost protection

5 to 12 °C (default 5 °C)

### Connection Clamps

Use 1,5 mm<sup>2</sup> or 2,5mm<sup>2</sup> cables according to power need.

### Dimensions

W70 x L70 x H48 mm

### Weight

120 g

### Internet connection

WiFi 802.11 b/g/n 2.4GHZ-2.5GHZ

### Buttons

1x Q-Touch capacity touch

### Remote control requirements

- Wi-fi connection with internet access
- Themo app on phone or tablet with iOS or Android
- Free Themo account

### Display

Configurable 16x RGB LEDs

### Material and finish

ABS + PC plastic/ white, glossy

### Languages

- English
- Estonia
- Finnish
- Russian

## Regulatory Conformity

### EU declaration of Conformity

Electrical safety and electro-magnetic compatibility for this product is covered by the compliance with the NE/IEC standard „Automatic electrical controls for household and similar use“:

- EN/IEC 60730-1 (general)
- EN/IEC 60730-2-9 (thermostat)



### Warranty

According to Consumer Protection Act all products purchased from www.themo.ee or from respective reseller will have 2-year limited warranty.