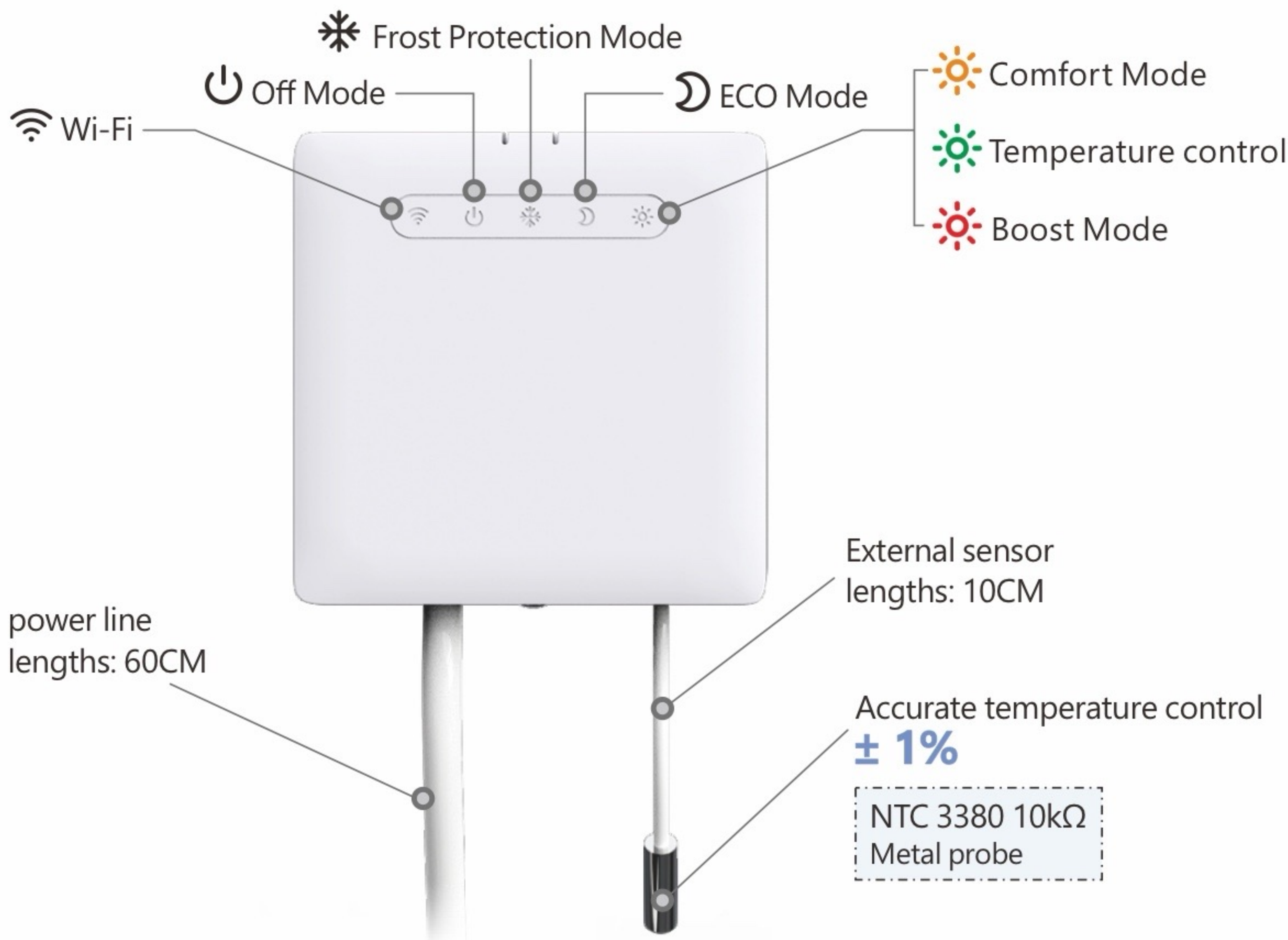


save up to  
**30%**  
heating costs

✓ BAR-TH-173 of CEE ✓ Standard NF EN ISO 52120-1 ✓ Standard EN 12098-3

# FIL PILOTE SMART PROGRAMMABLE THERMOSTAT

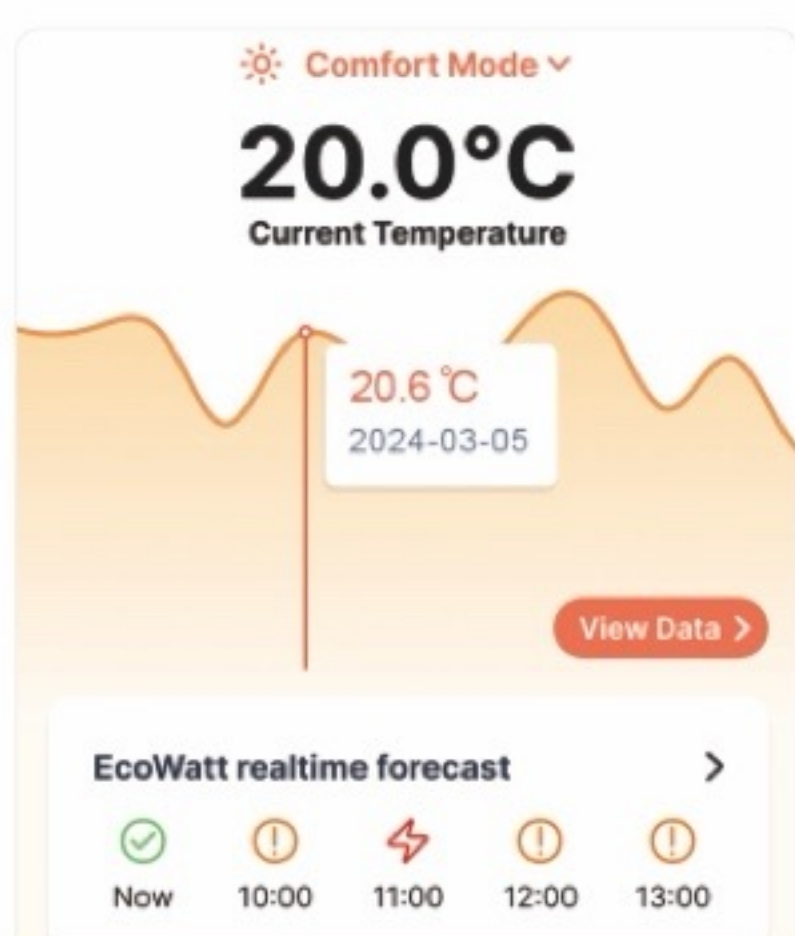


**écowatt**

## Technical specifications

- ✓ **BAR-TH-173 of CEE** (Energy Savings Certificates)
- ✓ **Standard NF EN ISO 52120-1** (Class B)
- ✓ **Standard EN 12098-3**
- ✓ **Écowatt signal access**

## SPECIAL FEATURES



## Window Detection



**Window Detection**

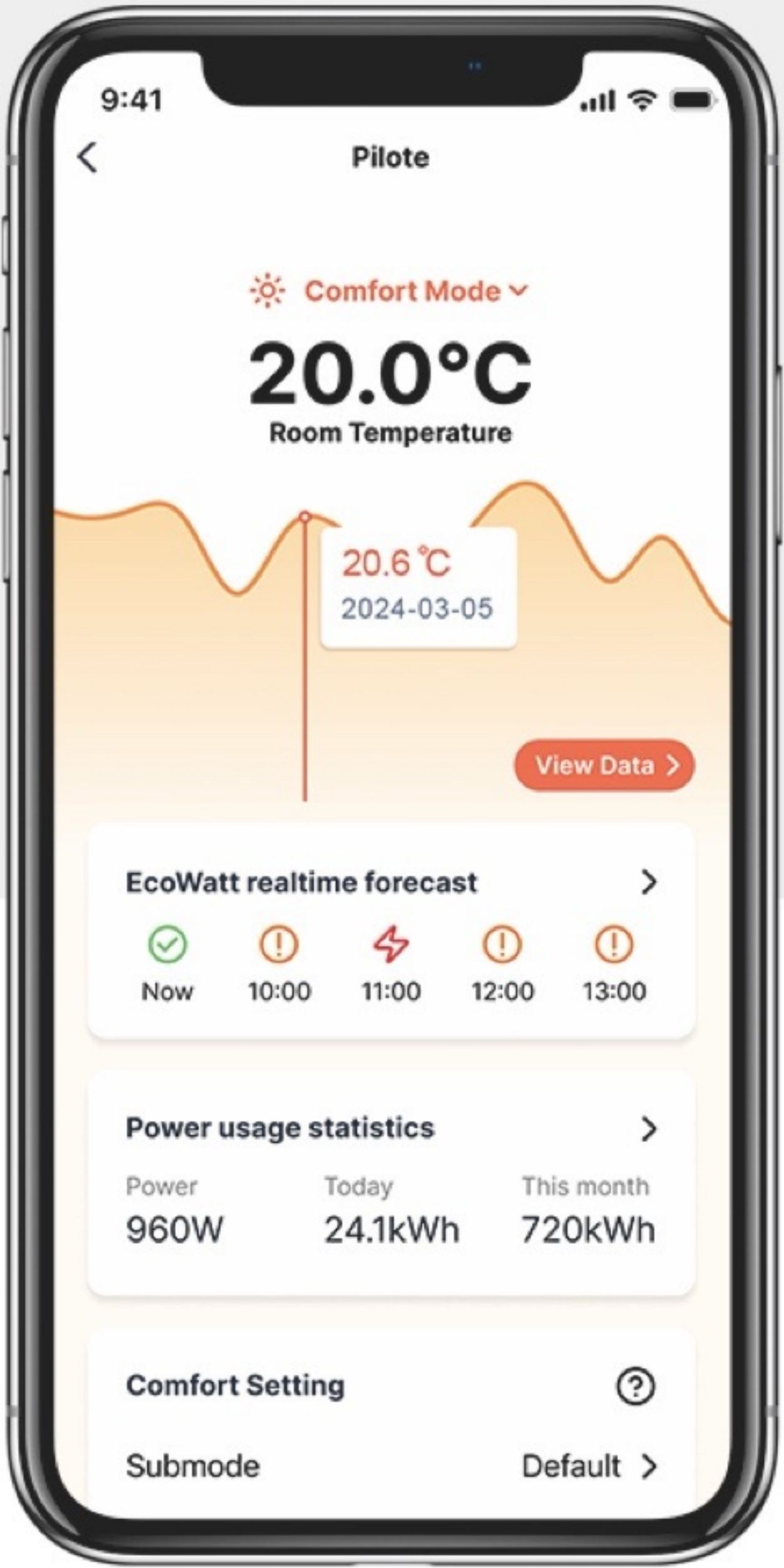


# REMOTE & ROOM-BY-ROOM CONTROL



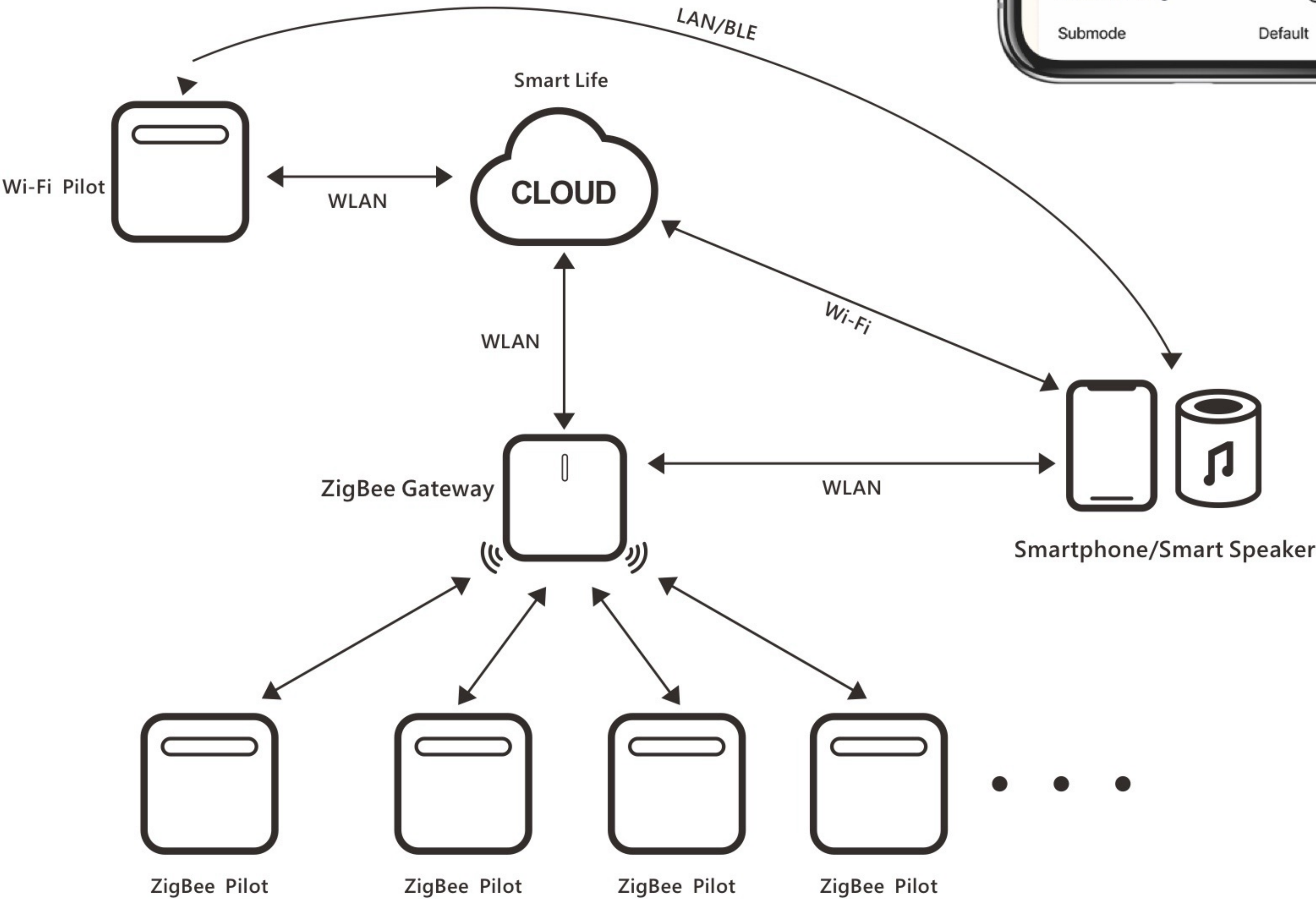
It complies with the requirements of **BAR-TH-173** for room-by-room time-programmed control in the Energy saving certificates (CEE).

- ✓ BAR-TH-173 of CEE
- ✓ Standard NF EN ISO 52120-1
- ✓ Standard EN 12098-3



## NAVIGATION INFRASTRUCTURE

The app is available for Android and iOS.  
Manage your home heating solution at ease.







✓ BAR-TH-173 of CEE ✓ Standard NF EN ISO 52120-1 ✓ Standard EN 12098-3

# FIL PILOTE SMART PROGRAMMABLE THERMOSTAT

## 4 FP Modes:



Off Mode



Frost Protection Mode



Comfort Mode



Eco Mode



## Programming Mode

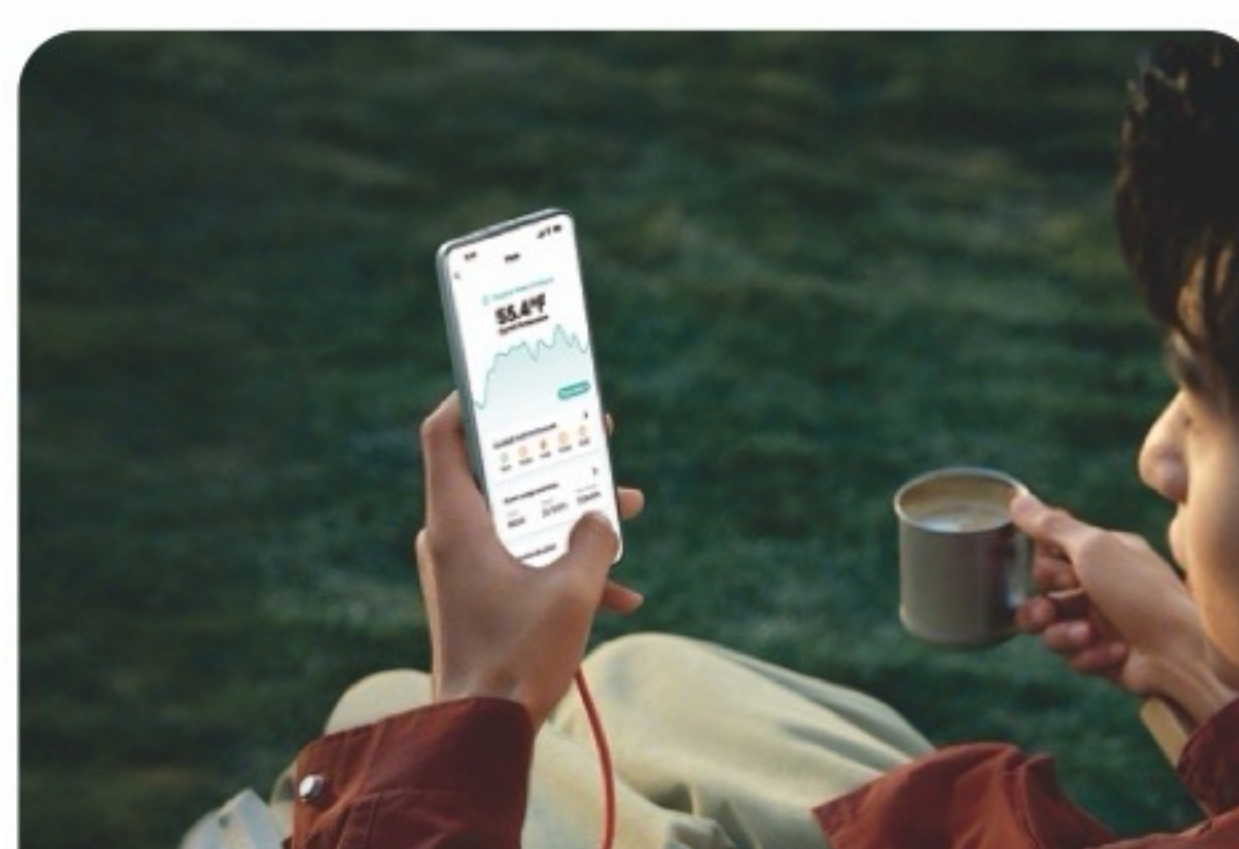
Support personalized programming. Programming is available every day of the week. The mode can be set every 30 minutes.



Programming Mode

## Vacation Mode

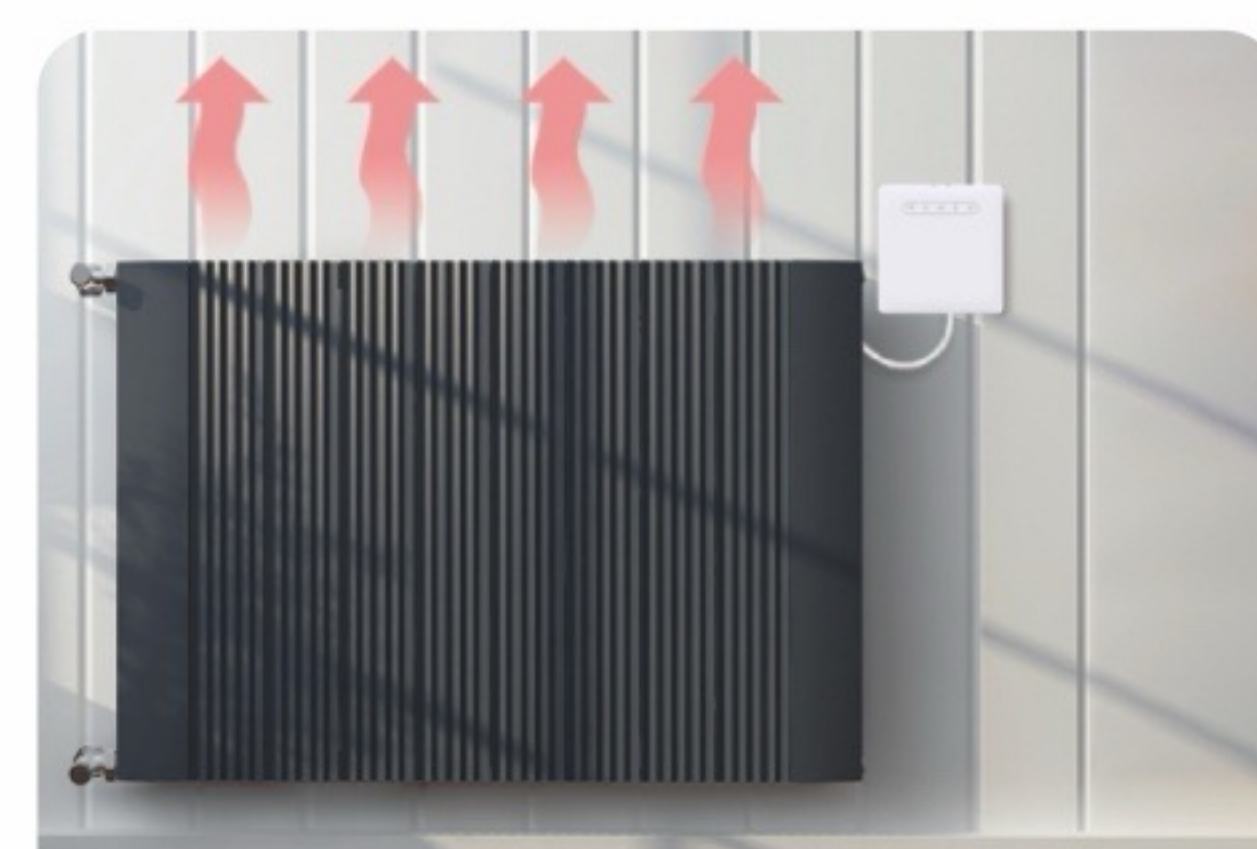
This mode allows users to have a carefree vacation without having to worry about their home heating facilities freezing.



Vacation Mode

## Boost Mode

Boost Mode prioritizes instant heating without interfering with active tasks. (vacation or programming modes)



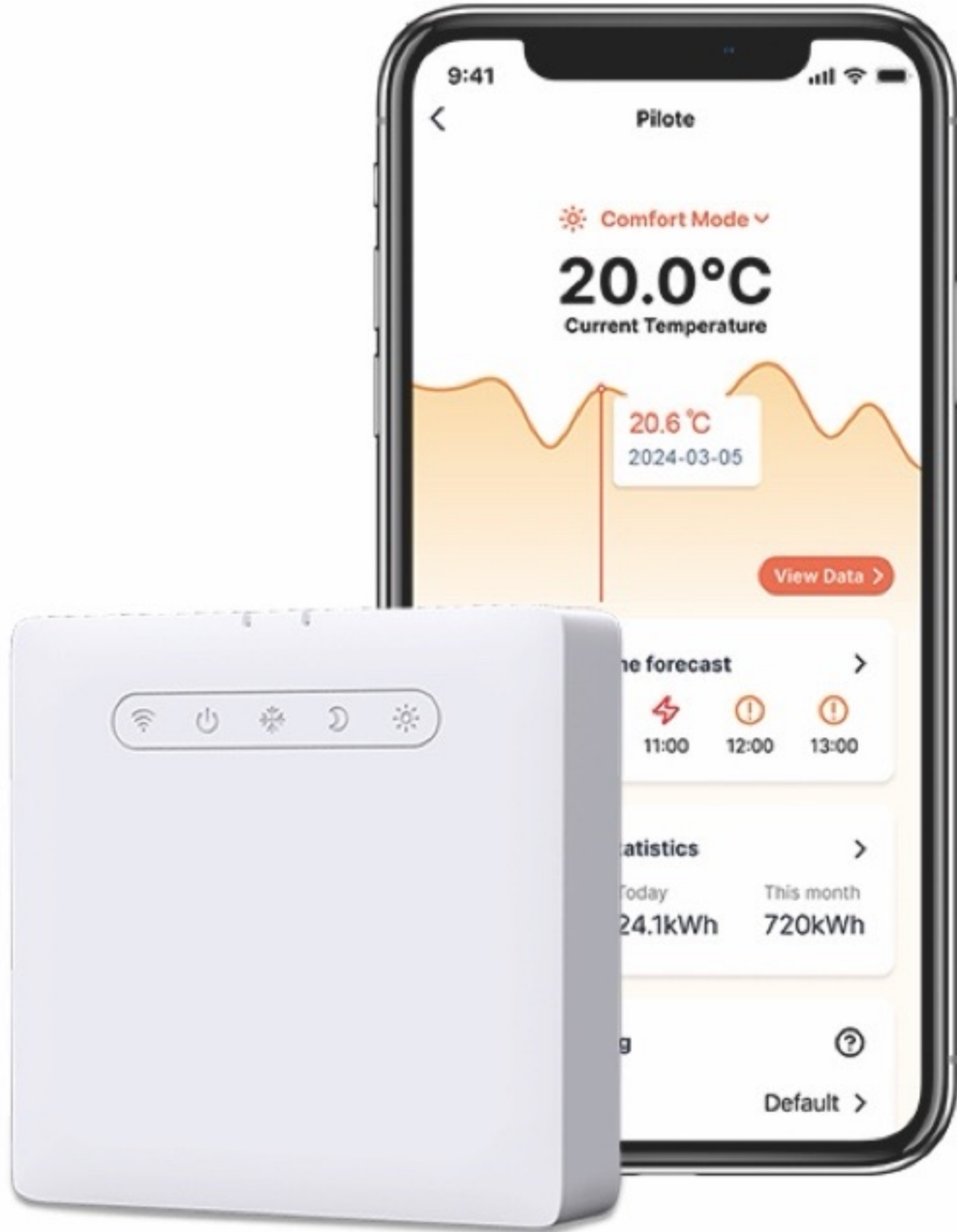
Boost Mode





save up to  
**30%**  
heating costs

# SPECIAL FEATURES



- **Window Detection:**  
The thermostat can detect the status of the window by sensing the heating condition. It automatically enters open window mode to reduce unnecessary energy wastage.

- **Temperature Metering:**  
The thermostat is equipped with a high sensitivity 10KΩ ±1% 3380 10CM temperature sensor, which meets the requirements of the EN 12098-3 standard of ±0.8k measurement accuracy, providing users with accurate room temperature measurement.

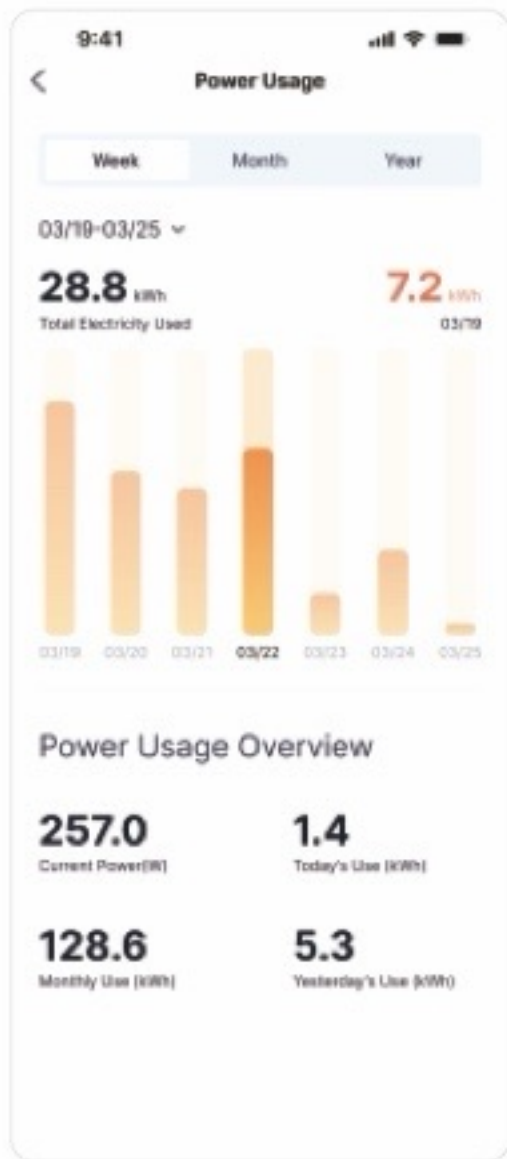
- **Power Meter:**  
The app provides real-time Power Meter, allowing users to check the usage status of the product at any time.



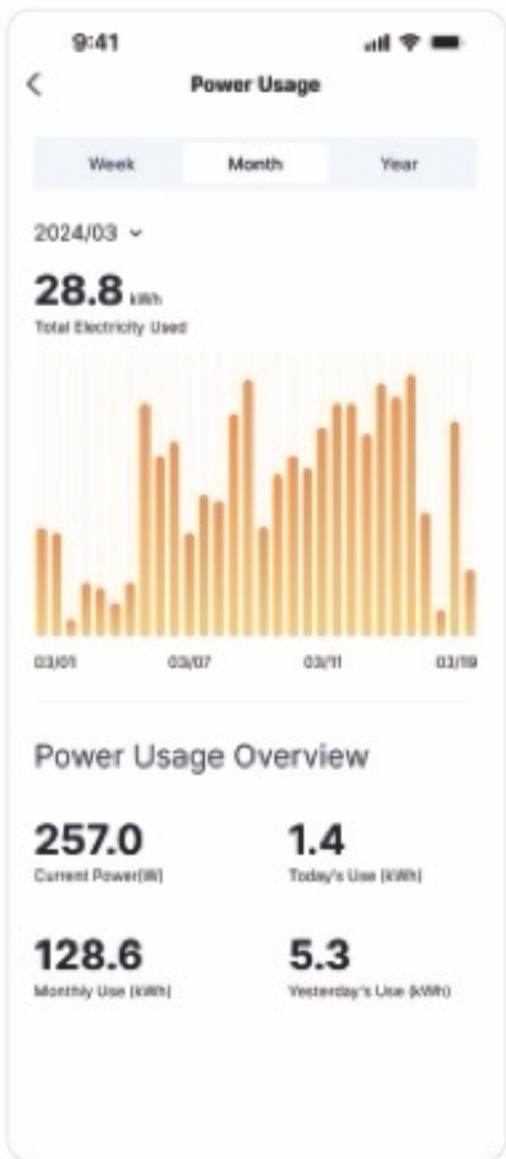
| Power usage statistics |         |            | > |
|------------------------|---------|------------|---|
| Power                  | Today   | This month |   |
| 960W                   | 24.1kWh | 720kWh     |   |

- **Electricity Usage Statistics:**  
The app provides total electricity consumption statistics. Users can check the electricity usage in the past 7 days, 31 days, and 12 months, and easily track household electricity consumption and cost.

- **Electricity Weather Forecast:** **écowatt**  
The app synchronises with the Écowatt signal, which provides real-time information on local electricity consumption. It also supports users to check the electricity forecast for different time periods for the next 4 days.



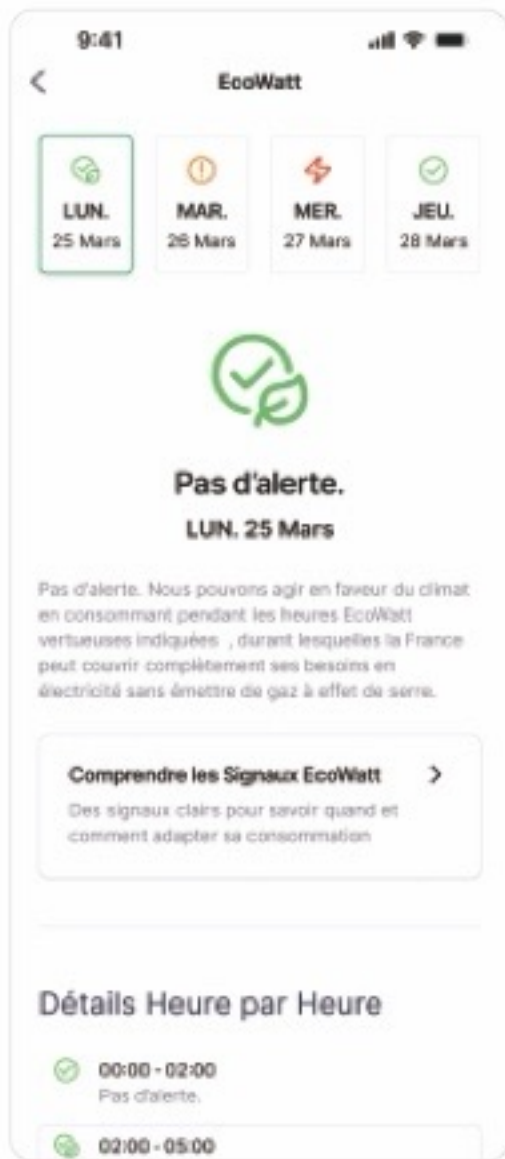
Week



Month



Year



EcoWatt



EcoWatt



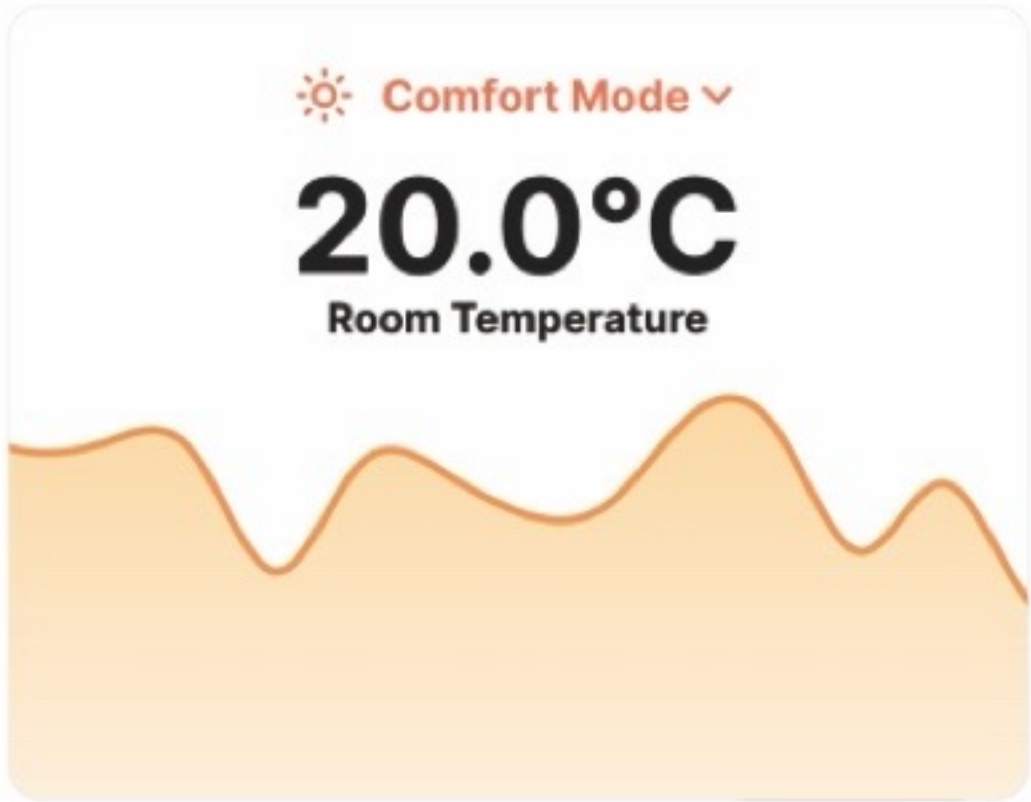
Signal Orange





# THE MODES OF THIS THERMOSTAT

## 4 FP Modes:



**Comfort mode:**  
Use this mode when you are at home. The heating will run at the set temperature (provide a preset heating level at a specific time)



**ECO Mode:**  
Eco mode allows you to save energy consumption. It will reduce the temperature below the set temperature. Use this mode if you are not at home.



**Anti-frost mode:**  
If you live in an area where there is a risk of frozen pipes, you can activate this mode to ensure a stable temperature of 7°C.



**Off mode:**  
This mode will shut down your heating. Use this mode during long holidays or when the heating is not in use (e.g. summer)

## Special Modes:



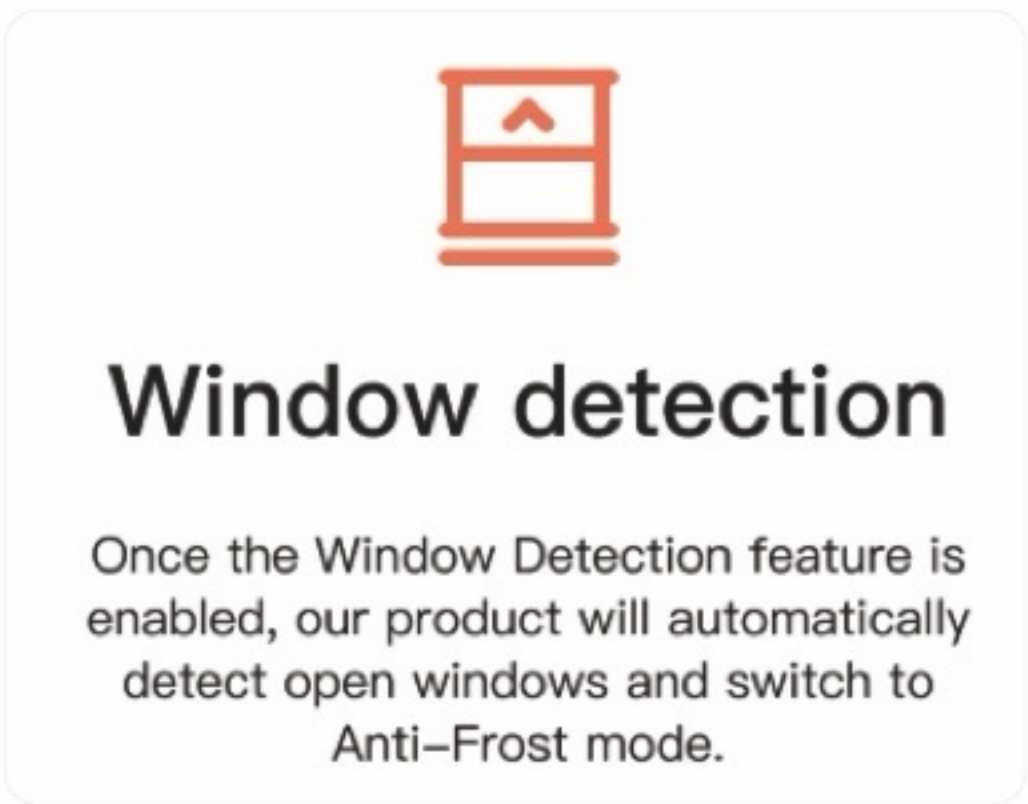
**Programming Mode:**  
Support personalized programming. Programming is available every day of the week. The mode can be set every 30 minutes.



**Boost Mode:**  
Boost Mode prioritizes instant heating without interfering with active tasks (vacation or programming modes)



**Vacation Mode:**  
This mode allows users to have a carefree vacation without having to worry about their home heating facilities freezing.



**Window Detection:**  
The thermostat can detect the status of the window by sensing the heating condition. It automatically enters open window mode to reduce unnecessary energy wastage.



**Temperature Control Mode (Manual Mode) :**  
For more accurate temperature control, this controller allow to on/off heater by comparing set temperate and room temperature. When room temperature below set point, thermostat will turn on heater, when thermostat detect room temperature arrive set temperature, it will stop heater. For this purpose, pls. change heater work in comfort mode, and set the temperature on heater to max. value (recommend 35°C).



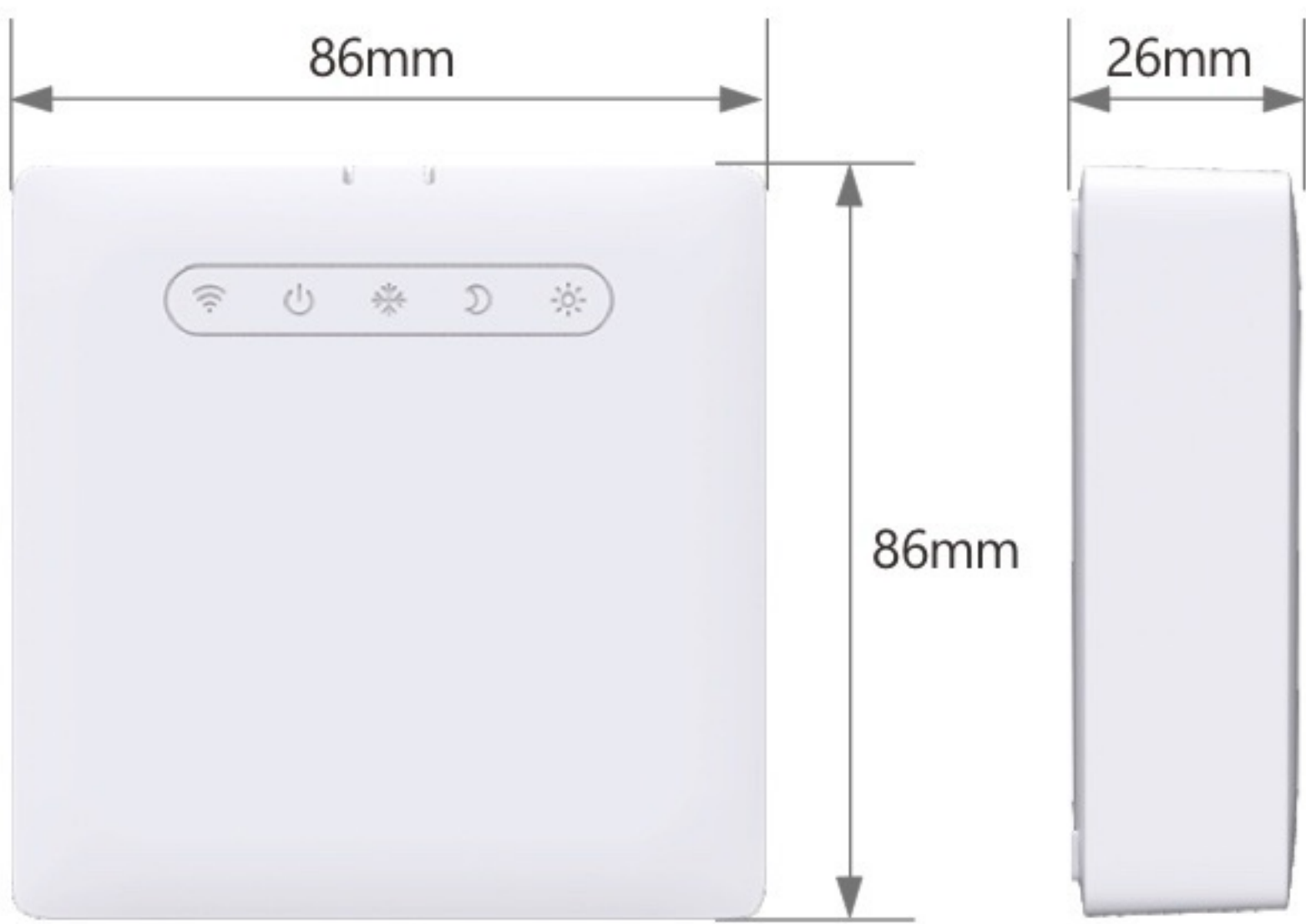


# ABOUT THIS THERMOSTAT

## ◆ Technical specifications

|                         |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
| Wireless Protocol Type: | 802.11b/g/n, Wi-Fi(2.4GHz)                                                          |
| Storage temperature:    | 0°C to 40°C, indoor use only                                                        |
| Operating temperature:  | -20°C to 70°C                                                                       |
| Power supply:           | 230VAC 50Hz                                                                         |
| Color:                  | White                                                                               |
| Protection level:       | Ip20                                                                                |
| Sensor:                 | NTC 10KΩ ±1% 3380 10CM                                                              |
| Compatibility:          | Compatible with all Class II electric radiators equipped with Pilot Wire technology |

## ◆ Product dimensions



## ◆ Product Selection Chart

| Features                     | RP5W-PM                    | RP5W                       | RP5Z-PM                    | RP5Z                       |
|------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Wireless Communication       | 802.11b/g/n, WiFi(2.4GHz)  | 802.11b/g/n, WiFi(2.4GHz)  | Tuya Zigbee                | Tuya Zigbee                |
| Access Method                | Wi-Fi directly access      | Wi-Fi directly access      | Zigbee Gateway access      | Zigbee Gateway access      |
| 4 FP Modes                   | √                          | √                          | √                          | √                          |
| Comfort-1 & Comfort-2        | √                          | √                          | √                          | √                          |
| Window Detection             | √                          | √                          | √                          | √                          |
| Programming                  | Weekly, 48 sets/Day (Max.) | Weekly, 48 sets/Day (Max.) | Weekly, 48 sets/Day (Max.) | Weekly, 48 sets/Day (Max.) |
| Vacation Mode                | √                          | √                          | √                          | √                          |
| Boost Mode                   | √                          | √                          | √                          | √                          |
| Temperature Control Mode     | √                          | √                          | √                          | √                          |
| Set Temperature Value        | √                          | √                          | √                          | √                          |
| NTC Sensor                   | 10KΩ ±1% 3380 10CM         | 10KΩ ±1% 3380 10CM         | 10KΩ ±1% 3380 10CM         | 10KΩ ±1% 3380 10CM         |
| Power Measurement            | √                          | ×                          | √                          | ×                          |
| Electricity Usage Statistics | √                          | √                          | √                          | √                          |
| Remote Control               | Tuya's apps                | Tuya's apps                | Tuya's apps                | Tuya's apps                |
| Écowatt Signal               | France only                | France only                | France only                | France only                |