



Aqara Floor Heating Thermostat W500 | Thermostat for underfloor heating |



link to the product:

<https://www.batna24.com/gb/p/sensors-and-detectors/aqara-floor-heating-thermostat-w500-thermostat-for-underfloor-heating->

Price: **299.98 zł** gross / 243.89 zł net

Aqara

Manufacturer: AQARA

Referention number: DNXXGHJIPKRMMLL



Full product description

Heat under your control

Discover the **W500 underfloor heating thermostat**, which supports **Thread** and **Zigbee** protocols, enabling integration with **Apple Home**, **Google Home** and **Amazon Alexa** (via Matter) ecosystems. This solution helps increase thermal comfort and contributes to the **energy efficiency** of your home by offering remote control and smart features.



Key advantages of Aqara W500 floor heating thermostat

- **Choice of communication protocol:** Support for Thread and Zigbee allows flexible connection to your favorite smart home ecosystem.
- **Automation and convenience:** Smart schedules operate locally, ensuring your home is always heated according to your needs.
- **Increased efficiency:** Energy consumption monitoring and open window detection help reduce costs.
- **Accurate comfort control:** The ability to use multiple sensors and calibrations allows you to maintain a consistent, pleasant temperature.
- **Safety of use:** Built-in safety features protect both the floor and the entire heating system.



Connectivity via Thread and Zigbee protocol

The device offers support for two protocols. In **Thread** mode, it connects to Matter ecosystems without the need for an Aqara hub. **Zigbee** mode unlocks additional features in the Aqara Home app and is compatible with Aqara hubs without losing support for Matter. Flexible protocol switching allows you to tailor operation to your preferences.



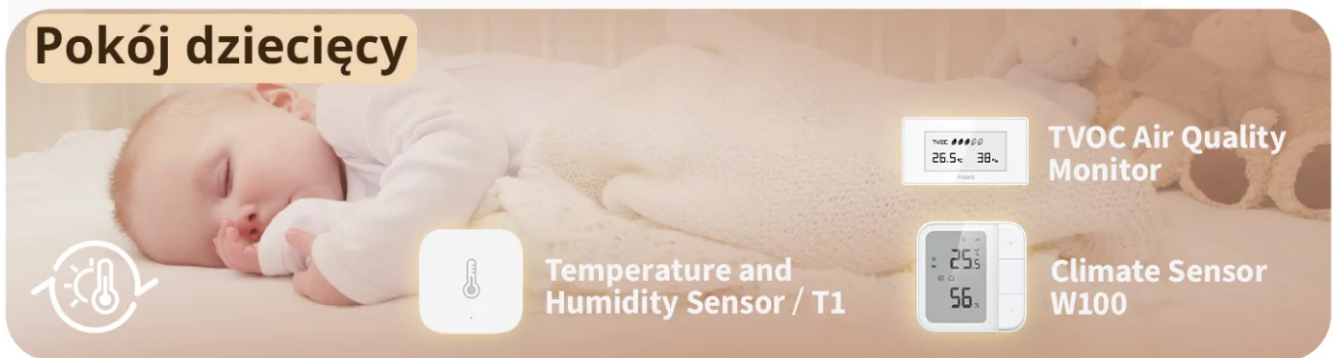
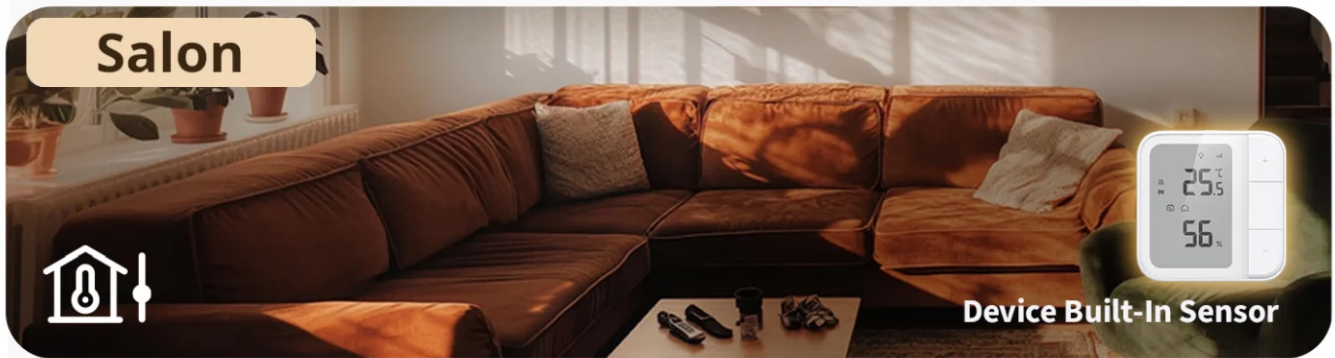
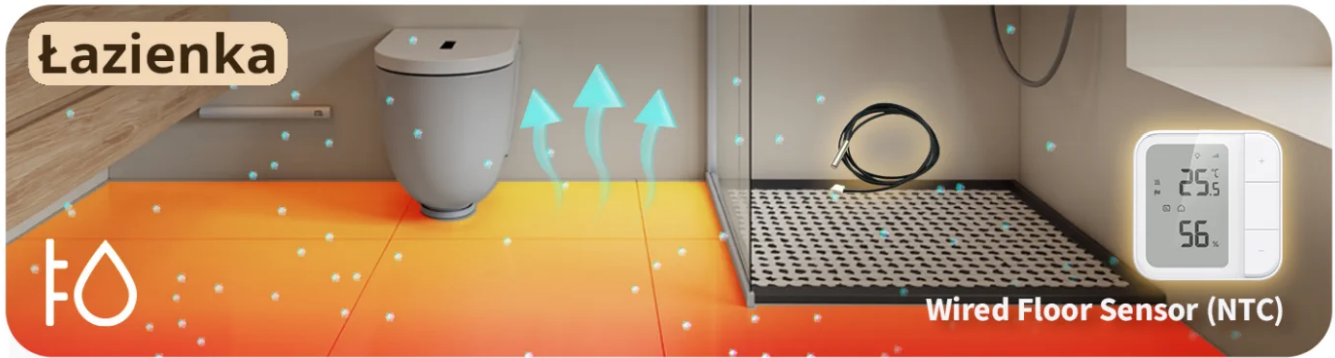
Control at your fingertips

The thermostat offers multiple control methods: **buttons, app, voice commands and schedules**. The smart **heating schedule** allows you to create personalized schedules divided into 7 periods per day, 7 days per week. Once set, **the schedules run locally** on the device, even if your internet connection is lost, giving you full control over the temperature.



Adjustment accuracy

Achieve high accuracy in temperature management with a multi-sensor reading option. The thermostat can use data from a built-in sensor, a wired **NTC floor sensor**, or an associated Aqara temperature and humidity sensor. The device also supports temperature calibration of $\pm 0.5^{\circ}\text{C}$ for temperature adjustment.



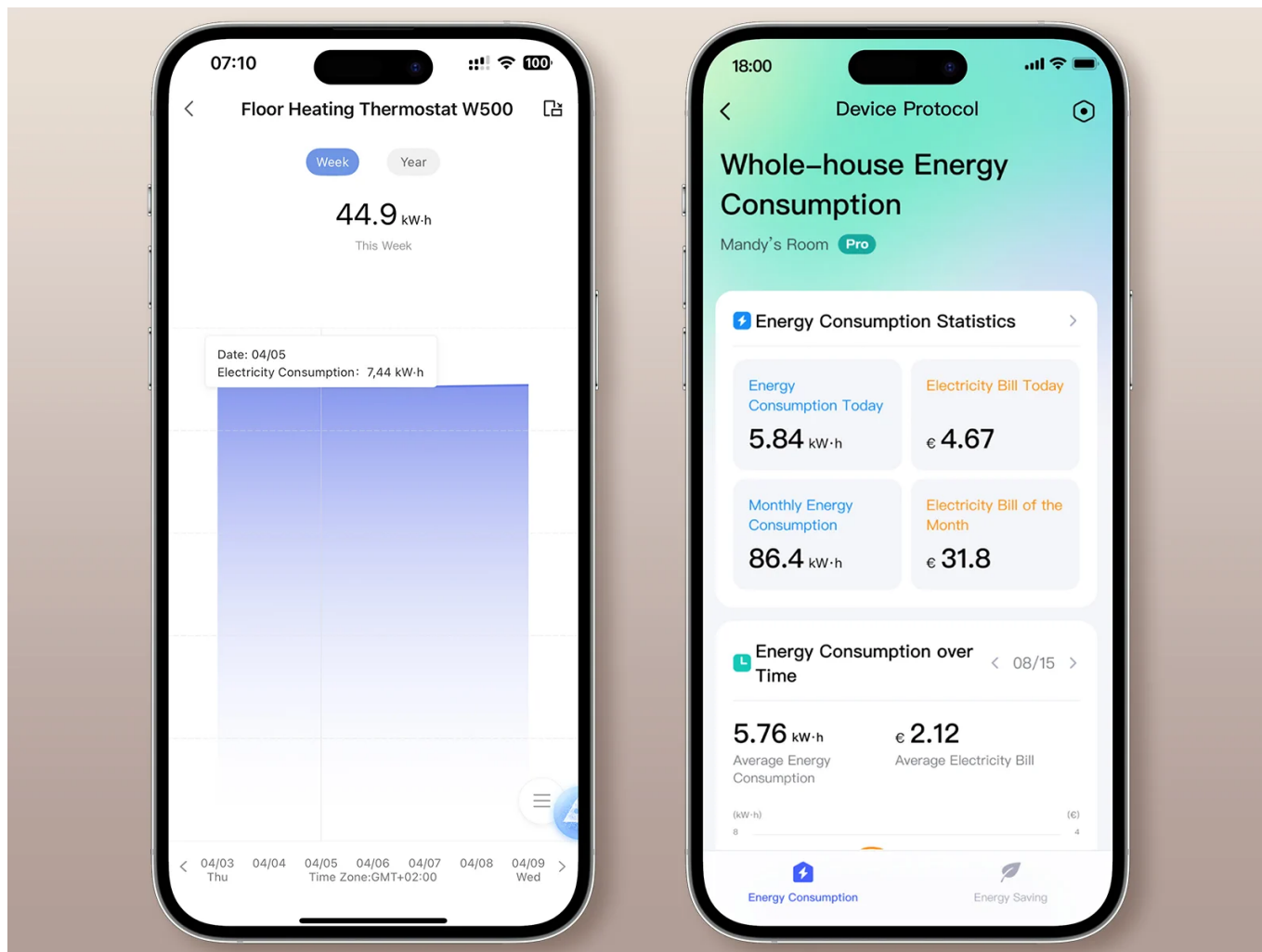
Stable temperature

Set custom temperature buffers (0.5-3°C) around the target value. This function helps reduce frequent cycling of the heating system on and off. This contributes to maintaining a stable room temperature, and also helps **reduce energy consumption** and extend the life of the heating system.



Save energy

Monitor energy consumption in real time and **track daily and monthly consumption** to manage heating more efficiently. If the Aqara sensor detects an open window, heating will automatically pause. Even without the sensor, a sudden drop in temperature will cause a 30-minute pause to **save energy**.



Security and safety

The device is equipped with protective mechanisms. **The floor material protection function** protects sensitive surfaces from overheating. **Antifreeze protection** automatically starts heating at about 5°C. **An overheating and overload protection system** shuts down the unit when the temperature or power exceeds safe limits.

Aqara underfloor heating thermostat is the perfect solution for:

- Users of **Apple Home, Google Home and Amazon Alexa** smart home systems.
- Individuals looking for ways to **reduce heating bills**.
- Owners of homes with electric or water underfloor heating.
- Individuals who value the ability to **remotely control** the temperature in the home.
- Anyone who wants to automate the operation of the heating system.