



MOA WiFi

Smart Heating Element Controlled via WiFi, Bluetooth,
or Manually



MOA WiFi – Remote Heat Control to Save Time and Energy

MOA WiFi is a state-of-the-art heating element designed for electric and dual-fuel radiators. It combines convenient manual control with advanced remote management via the **Terma Home** application.



The **MOA WiFi** heating element allows users to regulate temperature either manually through on-device buttons or remotely via the Terma Home app on a smartphone or tablet. This ensures full control of home heating - anytime and from anywhere in the world.

The device is equipped with **dual temperature sensors** (radiator and ambient air) to deliver precise and energy-efficient performance. Once activated, the heater quickly raises the radiator temperature to the programmed setpoint and then operates in cycles, drawing only as much power as required to maintain thermal comfort. This means lower energy bills and a more eco-friendly heating.

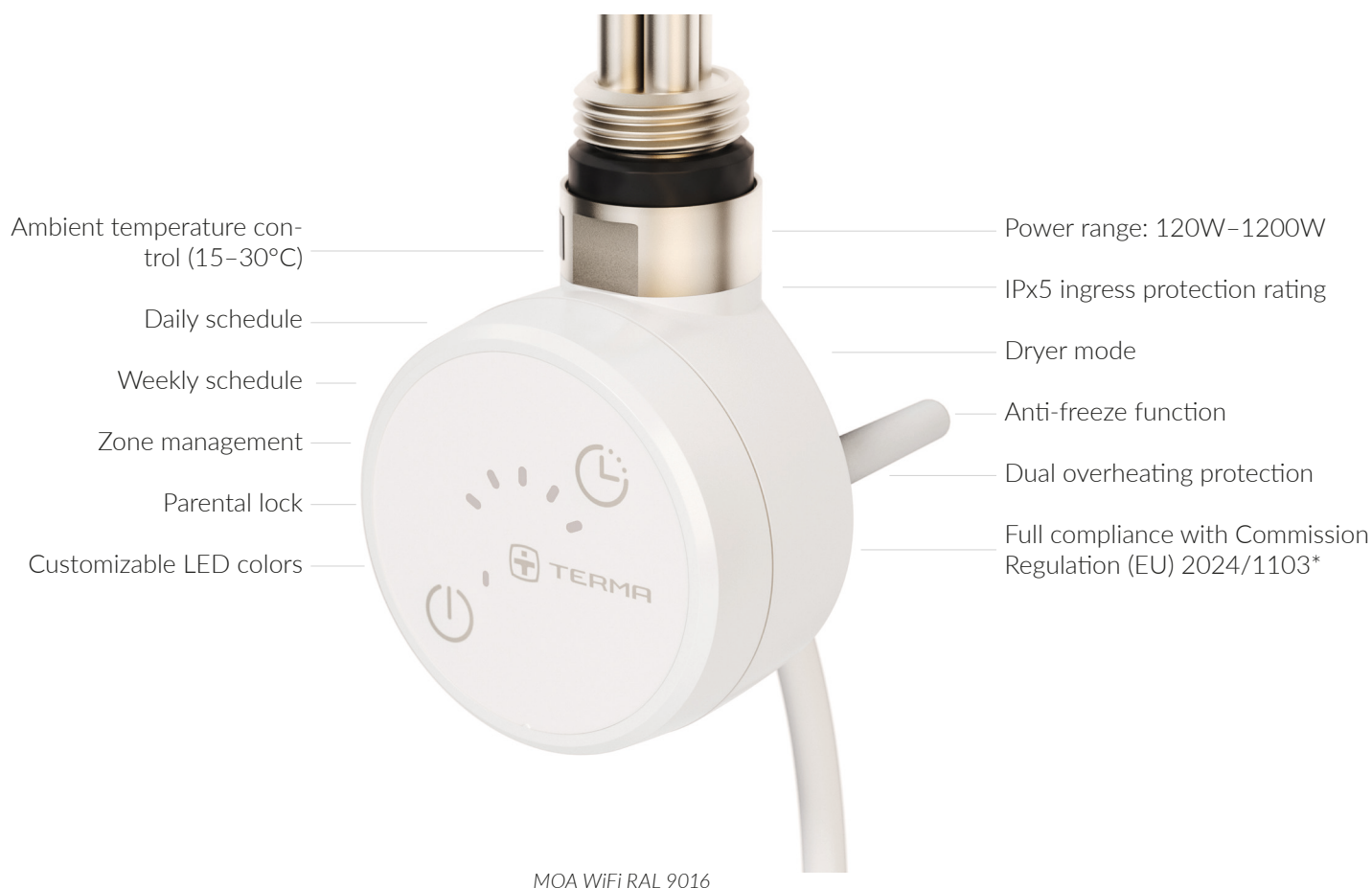
MOA WiFi **guarantees safe operation** - a built-in thermal fuse protects against overheating, while the modern construction ensures long-term, stable performance.

This is more than just a heating element - **it is a smart home heating hub, combining comfort, energy savings, and intelligent control for your bathroom and the entire household.**

MOA WiFi complies with current user needs and the **Ecodesign** requirements set forth by Commission Regulation (EU) 2024/1103.



Why Choose MOA WiFi?



MOA WiFi RAL 9016

Colour options

The **MOA WiFi** heating element is available in: white, black, silver, and brass.



MOA WiFi RAL 9005



MOA WiFi Silver



MOA WiFi Brass

* Applies to local space heaters or towel radiators fitted with this model of heating element, as per product tables.





TERMA HOME

HOW IT WORKS?

- Temperature can be set directly on the device (16–25°C) or remotely via the Terma Home app (15–30°C)
- Built-in Dryer Mode provides rapid room heating or efficient towel drying
- Dual temperature sensors (ambient and internal) ensure precise thermal regulation
- A thermal safety fuse prevents overheating
- Anti-Freeze mode protects against freezing (below 5°C)
- Parental lock prevents accidental changes to settings
- Fully compliant with EU standards.

KEY BENEFITS

- Accurate temperature control
- Remote operation via WiFi
- Comfort in heating and drying
- Long-term operational safety

REMOTE CONTROL

- Terma Home App (Android/iOS)
- Precise temperature regulation (increments of 0.5°C)
- Scheduling and multi-device management
- LED colour customization

DOWNLOAD THE APP



How to Connect the Device to the Terma Home App?

1. Download the application – Install Terma Home on your smartphone or tablet

2. Enable required functions

Make sure internet access, Bluetooth, and location services are enabled

- internet connection,
- Bluetooth,
- localization.

3. Create an account

Register using your email and password, then log in

4. Activate pairing mode

- Turn on the device.
- Press and hold both buttons for ~3 seconds until the LED flashes white briefly.
- The LED will then pulse blue, indicating pairing mode (valid for 1 minute).

5. Add device in the app

- Select **Add Device**
- Choose your model
- Enter the **6-digit access code** provided with the device

6. Select connection method

Bluetooth – Works when in close proximity of device..

- Select *Connect via Bluetooth* (LED turns white).

Wi-Fi – Enables control from anywhere. Ensure the phone is connected to the same **2.4 GHz** Wi-Fi network as the device.

- Select *Connect via Wi-Fi*
- Enter the network password.

7. Setup complete

The device is now active and follows the default schedule (LED glows green). You may assign a custom name and zone.

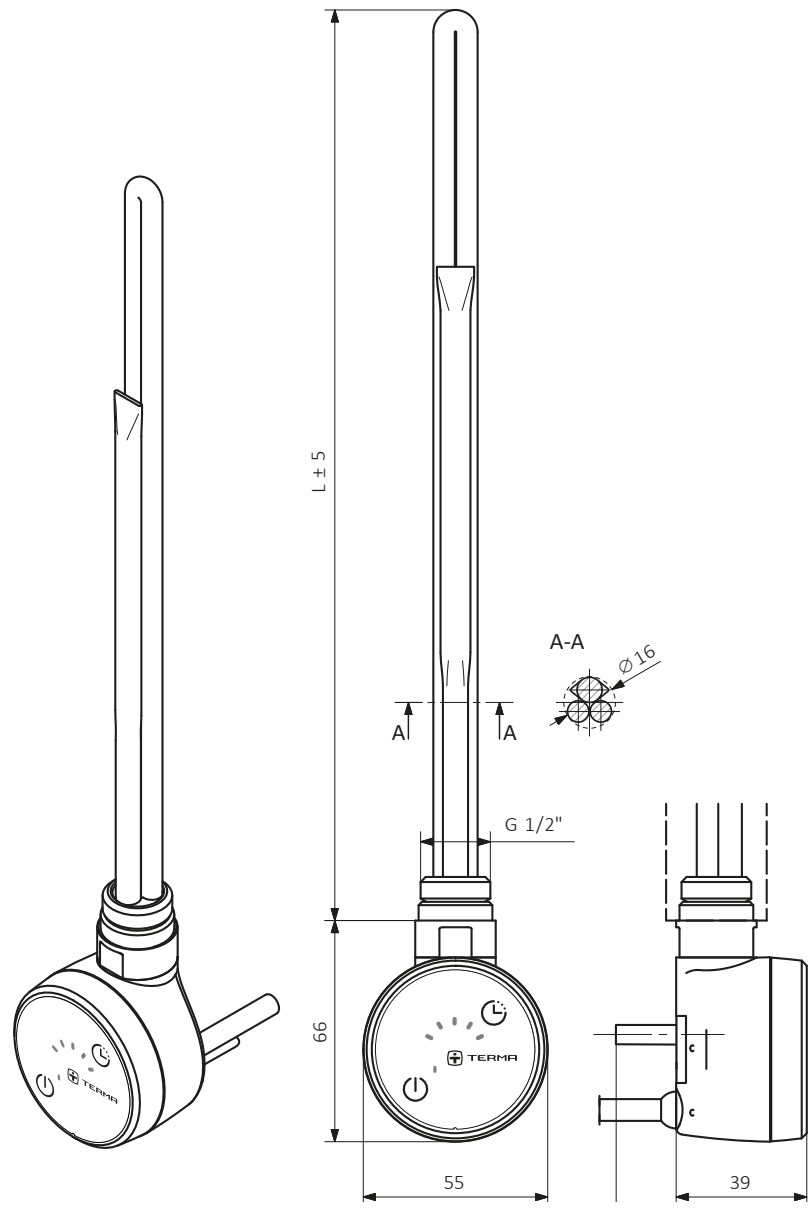
8. Changing connection method

Go to **Device Settings** → **Advanced Settings** → **Change Connection Method**.

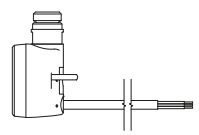
Technical Data

Model code	MOA WiFi
Power supply	230 V / 50 Hz, 110V / 60 Hz
Protection class	Class I
Radiator connection	G 1/2"
Ingress protection rating	IPx5
Temperature measurement	Radiator core temperature + room temperature
WiFi	2,4 GHz 802.11 b/g/n/ax

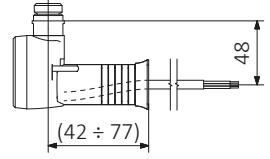
Technical drawing



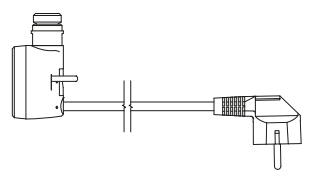
Straight cable without plug (P)



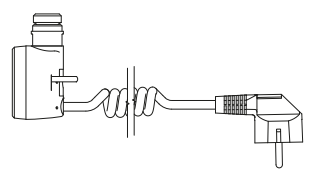
Straight cable without plug, with masking cover (M)



Straight cable with plug (W)



Coiled cable with plug (U)

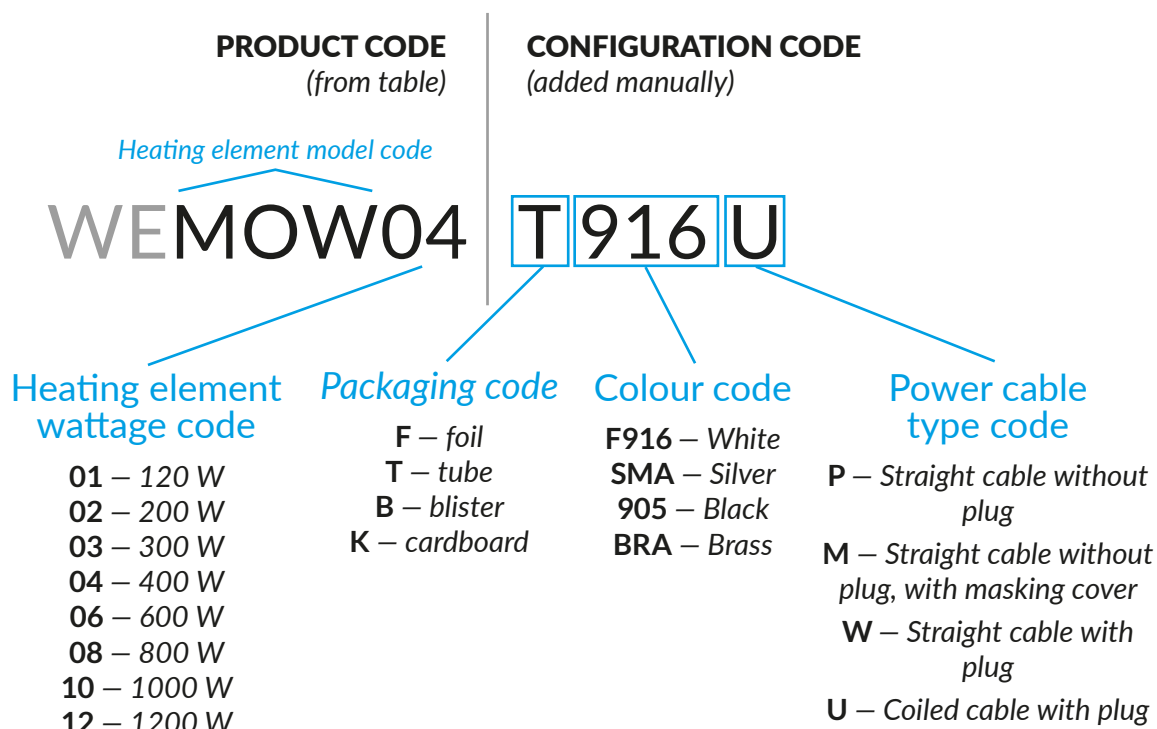


L [mm]	315	275	300	335	350	365	475	565	660
Power [W]	120	200	300	400	500	600	800	1000	1200

Product Coding

Product codes are listed in the respective tables in the catalogue/price list. They provide the basic product reference, while the configuration code contains supplementary specifications. When placing an order, the full product code including configuration details must be provided (example below):

CODE STRUCTURE



WE – heating element or controller of electrical device



All information was accurate at the time of publication. In line with Terma's policy of continuous improvement, these details are not binding and may change without prior notice. Terma reserves the right to introduce modifications to presented product versions. Images shown are for illustrative purposes only and do not constitute a binding offer.