

TECHNICAL DATA SHEET

METAL HEATING PANEL



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Warmset's panel heaters are an elegant **heating solution** essentially composed of a metallic casing in which Warmset's unique, patented technology is installed. The **Metal Heating Panel is available in white, black and light grey finishes**. An optional towel rail can be supplied.

The panel is powered at 230 VAC and has a rated **power of 400 W**. Overall dimensions are **900 × 600 × 13 mm**. The surface **temperature of the panel is 80–90°C**, measured with an ambient temperature of 20°C. The internal structure consists of a resinated metal front panel, an integrated heating system, an aluminized adhesive layer, a TNT insulating layer, a rear panel, and a power supply cable.

The panel can be supplied with **different control solutions**, depending on the selected regulation system. In the basic configuration, the panel is equipped with a **Schuko plug for ON/OFF power supply**. Temperature regulation is performed via an external controlled socket with integrated thermostat, to which the panel power cable is connected.

Alternatively, the **panel can be associated with a dedicated room thermostat**. The thermostat operates on its own network and communicates with an internal relay integrated into the panel. The thermostat can be **installed in any position** within the room, independently of the panel location.

THERMOREGULATION

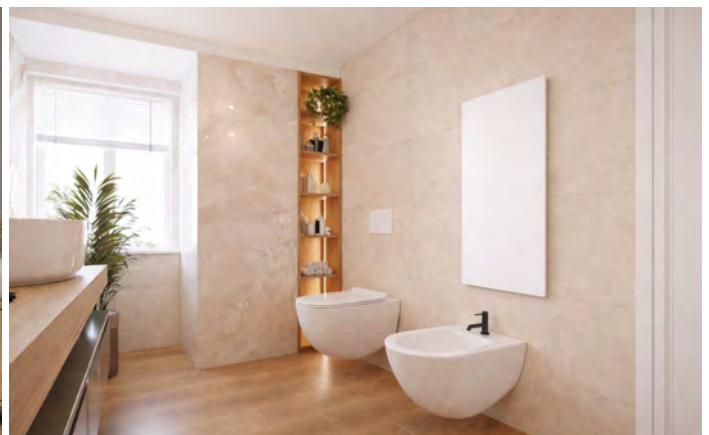
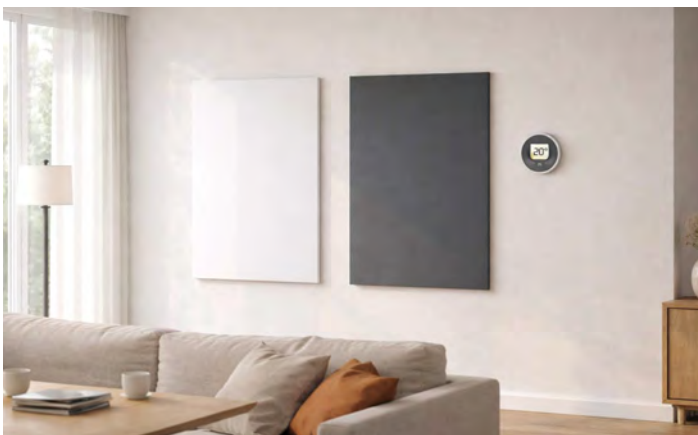
THERMOREGULATION VIA EXTERNAL SOCKET



THERMOREGULATION VIA THERMOSTAT



PROJECT REFERENCES



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THERMOREGULATION VIA EXTERNAL SOCKET

W-Plug is Warmset's **plug-in temperature** control device, supplied in **combination with the radiant panel** for simple and effective heat regulation. It allows the user to switch the panel on and off, set the desired temperature, and manage operation either manually or through weekly programming. The device features an **integrated temperature control system** with clear display, heating mode operation, and optional Wi-Fi/app management depending on the version.



THERMOREGULATION VIA Wi-Fi THERMOSTAT

The radiant panel can be supplied as a **complete heating solution together with a Wi-Fi thermostat**, designed to provide smart, intuitive and reliable temperature management. The thermostat communicates with a relay installed in the panel system, allowing a single control unit to **manage up to 8 radiant panels**, provided they are installed within the same room or controlled area. This makes the system particularly suitable for larger spaces where multiple panels are used and coordinated operation is required.

The thermostat connects via 2.4 GHz Wi-Fi, supporting b/g/n/ac standards, with a covered distance of up to 30 m indoors and up to 200 m in open field conditions. It also features **Mesh connectivity**, enabling stable communication within the **smart home ecosystem** and improving overall system flexibility and integration.

Through the thermostat interface, the user can easily monitor and manage all the main operating parameters of the heating system.

Sold in combination with the radiant panel, this control system offers an **efficient and user-friendly solution** for precise thermal comfort, simplified management and **smart operation** of the heating installation.

