LUXION TP608RFW Wireless Wi-Fi Thermostat with Receiver for Gas or Electric Boiler

Wireless Wi-Fi thermostat with receiver for gas or electric boilers, with LCD display, touch buttons, weekly programming and app control.



CODES

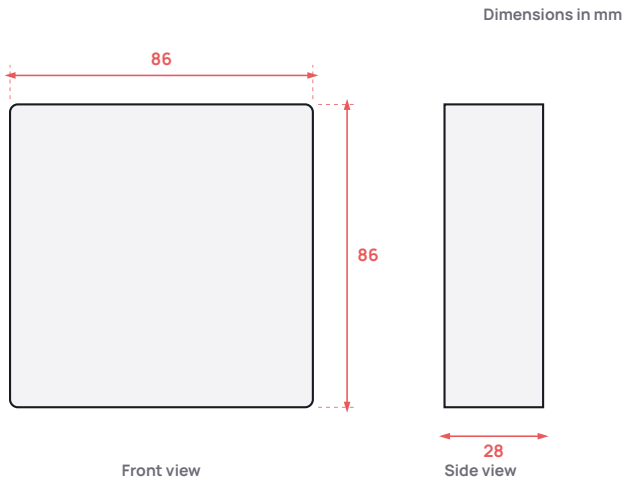
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SPECIFICATIONS

Brand	LUXION
Category	Smart home › Wi-Fi thermostats
Connectivity	Wi-Fi
Product type	Wireless Wi-Fi thermostat with receiver for gas or electric boiler
Operation	Touch buttons or app; 5+1+1 weekly programming with 6 time periods per day; child lock; frost protection below 10 °C; settings retained after a power cut
Operating voltage	Thermostat: 2 AA batteries (not included); receiver: 95–240 V AC ± 10%
Frequency	50/60 Hz (receiver)
Maximum load	3 A (water heating, boiler), 16 A (electric heating)
Protocol	Thermostat: Wi-Fi 2.4 GHz; RF link with the receiver
RF frequency	868 MHz
App	Smart Life (iOS, Android)
LED indication	Receiver: Power, Load, RF, WIFI
Display	Large LCD display with white backlight
Temperature sensor	NTC
Temperature setting	5–35 °C

Hysteresis	0.5 °C
Front material	PC + ABS
Front dimensions (W × H)	Thermostat 86 × 86 mm; receiver 86 × 86 mm
Depth	28 mm (thermostat and receiver)
Mounting	Thermostat: wall / desk; receiver: wall
Operating temperature	0–50 °C
Certifications	CE, RoHS

DIMENSION DRAWING



DESCRIPTION

The LUXION TP608RFW Wi-Fi thermostat is wireless and works with gas or electric boilers. It features wireless communication with the receiver, Wi-Fi control from your smartphone, touch buttons, an LCD display and weekly programming.

From the menu you can set the thermostat's operating periods to suit your daily routine, on both weekdays and at the weekend.

- Memory function: the thermostat automatically saves your settings and retains them even after a power cut.
- Programming function: program it as you wish, e.g. 22°C during the day 9:00 - 17:00 and 25°C from 17:00 – 9:00. 5+1+1-day schedule, with 6 time periods per day.
- Thermostat lock: lock the thermostat so that children cannot tamper with it.
- Frost protection: when the room temperature drops below 10°C, the thermostat automatically switches on the heating to prevent the water in the heating system from freezing.

receiver unit, which is connected to the boiler, while Wi-Fi lets you control it from your smartphone.

- Wireless connection between thermostat and receiver
- Wi-Fi control via smartphone app

LCD display and low consumption

The thermostat has a large LCD display with white backlight, touch buttons and weekly programming functions. It is powered by 2 AA batteries and is optimised for low consumption, so the display goes into stand-by after about 3 seconds.

- Display states: ON / STAND-BY

Thermostat lock

Lock the thermostat so that children cannot tamper with it. Press the ∧ and ∨ buttons for 7 seconds to lock/unlock.

A more comfortable home with programming

Set the thermostat's operating periods according to your daily routine. Enter the device menu and choose operating times for weekdays and the weekend, with 6 time periods per day.

Frost protection

The frost protection system continuously monitors the room temperature and, when it drops below 10°C, automatically switches on the heating so that the water in the heating system does not freeze.

- Wi-Fi
- RF
- Thermostat lock
- Days
- Room temperature
- Set temperature
- Floor temperature
- ECO mode
- Manual mode
- Programs
- Settings
- Programmed period
- Time
- Buttons: ON/OFF, Time, Menu, Up, Down

Wi-Fi control via the Smart Life app

Easy programming and use via the "Smart Life" app. Search for the app on the App Store for iOS or on Google Play for Android.

Receiver

- Set button
- LED indicators: Power, Load, RF, WIFI

Dimensions

- Thermostat: 86 x 86 x 28 mm
- Receiver: 86 x 86 x 28 mm

Installation / wiring diagram

The receiver is wall-mounted and connected to the water heating or boiler via the NC, NO and COM relay contacts. The thermostat is placed on the wall or on a desk and is powered by 2 AA batteries.

- NO: normally open contact
- COM: common contact
- NC: normally closed contact
- Receiver power supply: N, L
- Applications: water heating, boiler

Pairing with the receiver

Pairing is not normally required. If needed, press and hold the receiver's Reset button for 7 seconds until the yellow LED starts flashing. Then, on the thermostat, press and hold the power button and the "clock" button simultaneously. Pairing is complete when the "antenna" symbol on the display stops flashing.