LUXION TP608RF wireless thermostat with receiver for gas or electric boiler, with programming and frost protection

Wireless RF thermostat with receiver for gas or electric boilers, with LCD display, touch buttons and weekly programming.



CODES

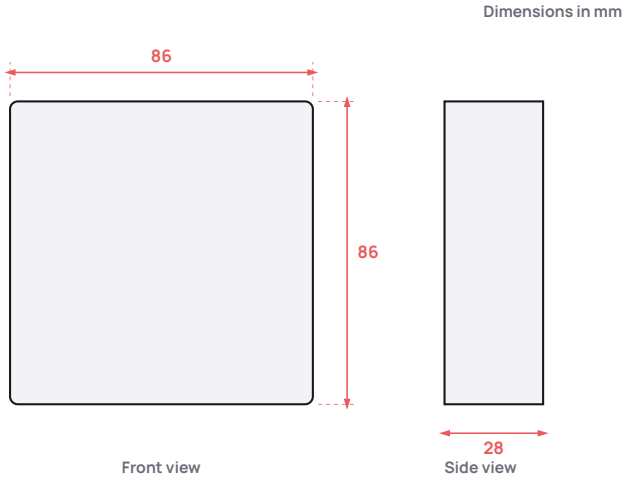
Colour	Code
–	TP608RF

SPECIFICATIONS

Brand	LUXION
Category	Smart home › Thermostats
Product type	Wireless room thermostat with receiver for gas or electric boiler
Function	5+1+1 weekly programming with 6 time periods per day, settings memory, frost protection (heating activated below 10 °C), child lock
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)
Receiver relay contacts	NO / COM / NC
Neutral (N)	Yes, for the receiver power supply (N, L)
Protocol	RF (thermostat – receiver)
RF frequency	868 MHz
LED indication	Receiver: Power, Load, RF
Display	Large LCD display with white backlighting, touch buttons
Temperature sensor	NTC

Hysteresis	0.5 °C
Base material	PC + ABS
Front dimensions (W × H)	86 × 86 mm (thermostat and receiver)
Depth	28 mm (thermostat and receiver)
Mounting	Thermostat: on the wall or on a desk; receiver: on the wall, with 2 screws
Operating temperature	0–50 °C
Certifications	CE, RoHS
Compatibility	Gas or electric boilers

DIMENSION DRAWING



DESCRIPTION

The Luxion TP608RF wireless thermostat works in conjunction with gas boilers or electric boilers. It features a wireless RF connection, touch buttons, an LCD display and weekly programming. From the menu you can set the thermostat's operating periods to suit your daily schedule, on both weekdays and at the weekend.

- Memory function: the thermostat automatically saves your settings, so it retains them even after a power cut.
- Programming function: the thermostat can be programmed as you wish. For example, during the day, 9:00 - 17:00, the temperature can be 22°C and between 17:00 – 9:00 the temperature at home can be 25°C. Programming is 5+1+1 days, with 6 time periods per day.
- Thermostat lock: lock the thermostat so that children cannot change the settings.
- Frost protection: the frost protection system continuously monitors the room temperature and, when it drops below 10°C, the thermostat automatically switches on the heating to prevent the water in the heating system from freezing.

Luxion TP608RF wireless thermostat with receiver

For gas boilers or electric boilers.

white backlighting, touch buttons and weekly programming functions. It is powered by 2 AA batteries and is optimised for low consumption; for this reason the display switches to stand-by mode after approximately 3 seconds.

- ON mode
- STAND-BY mode

Thermostat lock

Lock the thermostat so that children cannot tamper with it.

- Press the ∧ and ∨ buttons for 7 seconds to lock / unlock the thermostat

Make your home more comfortable

Set the thermostat's operating periods to suit your daily schedule. Enter the device menu and select the 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, the thermostat automatically switches on the heating to prevent the water in the heating system from freezing.

Thermostat display indicators and buttons

- Battery level
- RF signal
- 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

AA batteries, and the receiver, which is connected to the boiler.

- Receiver: setting button
- Receiver: Power, Load, RF, WIFI LED indicators
- Receiver terminals: N1, N, L, L1
- Thermostat: powered by 2 AA batteries

Dimensions

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

Wiring diagram

The receiver can be connected for water heating or for a boiler.

- NO – Normally open contact
- COM – Common
- NC – Normally closed contact
- Water heating: NC, NO, COM (220VAC 3A); N – AC220V-N; L – AC220V-L
- Boiler: NC, NO, COM (220VAC 3A) to the boiler; N, L – AC220 power supply

Installation

- 1. Open the receiver's front cover by gently inserting the tip of a screwdriver.
- 2. Fix the receiver with the two screws and connect the wires according to the wiring diagram.
- 3. Place the thermostat on a desk or mount it on the wall.