TP618RF wireless thermostat with receiver for gas or electric boiler, LCD display and memory LUXION

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



CODES

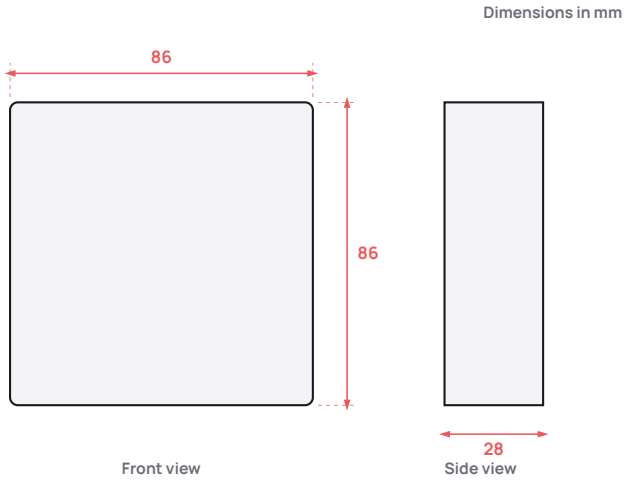
Colour	Code
–	TP618RF

SPECIFICATIONS

Brand	LUXION
Category	Smart home › Thermostats
Product type	Wireless room thermostat with receiver for gas or electric boiler
Function	Digital control with touch buttons; 5+1+1 weekly programming with 6 time slots per day; settings memory, lock, frost protection (below 10 °C)
Operating voltage	Thermostat: 2 AA batteries (not included); receiver: 95–240 V AC ± 10%
Frequency	50/60 Hz
Maximum load	3 A (water heating, boiler), 16 A (electric heating)
Neutral (N)	Required for the receiver
Protocol	RF
RF frequency	868 MHz
Temperature sensor	NTC
Temperature setting range	5–35 °C
Hysteresis	0.5 °C
Display	Large black backlit LCD display, stand-by after approximately 13 seconds
LED indication	Receiver: Power, Load, RF, WIFI

Front dimensions (W × H)	Thermostat 86 × 86 mm; receiver 86 × 86 mm
Depth	Thermostat 28 mm; receiver 28 mm
Mounting	Thermostat: wall-mounted or on a desk; receiver: wall-mounted
Operating temperature	0–50 °C
Certifications	CE, RoHS

DIMENSION DRAWING



DESCRIPTION

The Luxion TP618RF wireless thermostat works with gas boilers or electric boilers. It features RF wireless connection, touch buttons, an LCD display, weekly programming, a memory function and frost protection. From the menu you can set the thermostat's operating periods to suit your daily schedule, both on weekdays and at the weekend.

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

Luxion TP618RF wireless thermostat with receiver

Wireless thermostat with receiver, for gas boilers or electric boilers.

LCD display

The thermostat has a large black backlit LCD display, touch buttons and weekly programming functions.

- ON mode
- STAND-BY mode

Low consumption

The thermostat is powered by 2 AA batteries and is optimised for low consumption. For this reason the display goes into stand-by mode after approximately 13 seconds.

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 to suit your daily schedule. Enter the device menu and select the operating times for weekdays and the weekend, with 6 time slots per day.

- 5+1+1 weekly programming
- Automatic saving of settings, retained even after a power cut

Frost protection

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

Display indicators and buttons

- Battery level
- RF
- Thermostat lock
- Days
- Room temperature (RT)
- Set temperature (SET)
- Floor temperature (FLOOR)
- ECO mode
- Manual mode
- Programmes
- Settings
- Programmed period
- Time
- Buttons: ON/OFF, Time, Menu, Up, Down

AA batteries, and the wall-mounted receiver.

- Receiver: setting button (Set)
- Receiver: Power, Load, RF, WIFI LED indicators
- Receiver: N1, N, L, L1 terminals

Dimensions

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

Wiring diagram

The receiver connects to the water heating circuit or to the boiler via the NC, NO and COM relay contacts.

- NO: normally open contact
- COM: common contact
- 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

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