LUXION TP618RFW smart Wi-Fi thermostat with receiver for gas or electric boilers

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



CODES

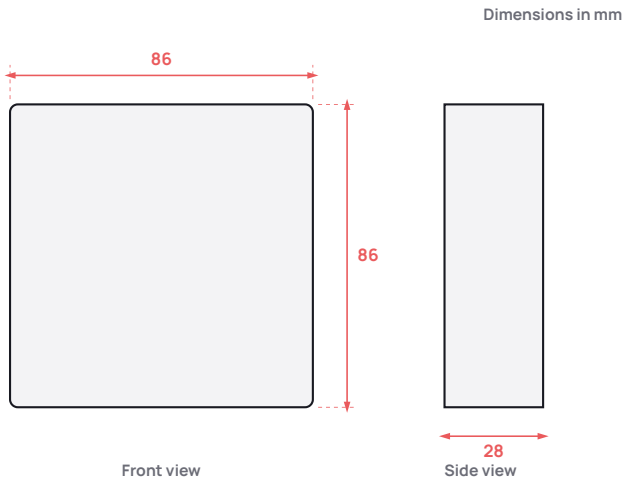
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SPECIFICATIONS

Brand	LUXION
Category	Smart home › Wi-Fi thermostats
Connectivity	Wi-Fi
Product type	Wireless Wi-Fi thermostat with receiver for gas or electric boilers
Functions	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)
Protocol	Wi-Fi 2.4 GHz (thermostat), RF (thermostat – receiver)
RF frequency	868 MHz
Compatibility	Smart Life app (iOS, Android), Amazon Alexa, Google Home; gas or electric boilers
LED indication	Receiver: Power, Load, RF, Wi-Fi
Display	Large backlit LCD display, 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: wall or desk; receiver: wall
Operating temperature	0–50 °C
Certifications	CE, RoHS

DIMENSION DRAWING



DESCRIPTION

The Luxion TP618RFW Wi-Fi thermostat works with gas boilers or electric boilers. It features Wi-Fi and RF connectivity, 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 routine, on both weekdays and at the weekend.

Memory function: the thermostat automatically saves the settings you make, so that 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 in a 5+1+1 day format, with 6 time periods per day.

- Wireless communication between the thermostat and the receiver, which is connected to the boiler
- Control via touch buttons or through the Smart Life app
- Voice control with Amazon Alexa and Google Home via the Smart Life app
- Thermostat lock for child protection
- Frost protection below 10°C

receiver unit, which is wired to the boiler, while Wi-Fi connectivity allows control from your smartphone.

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

LCD display

The thermostat features a large black LCD display with backlight, touch buttons and weekly programming functions.

- Powered by 2 AA batteries, optimised for low consumption
- The display goes into stand-by after approximately 13 seconds

Thermostat lock

Lock the thermostat so that children cannot change the settings.

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

Make your home more comfortable

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

Frost protection

The thermostat's frost protection 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.

Wi-Fi control via app

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

Google Home and allows voice control of the thermostat.

- Compatible with Amazon Alexa
- Compatible with Google Home

Thermostat display

- Days of the week
- Battery level
- Wi-Fi and RF indicators
- Thermostat lock
- Room temperature
- Temperature setting
- Floor temperature
- ECO mode
- Manual mode
- Programmes and programmed period
- Settings
- Time
- Buttons: ON/OFF, Time, Menu, Up, Down

Receiver

- Setting button
- LED indicators: Power, Load, RF, Wi-Fi

Dimensions

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

Installation / wiring diagram

The receiver is connected to the heating equipment via the NO/COM/NC relay contacts, while the thermostat runs on batteries. The thermostat is mounted on the wall or placed on a desk; the receiver is wall-mounted.

- NO: normally open contact
- COM: common contact
- NC: normally closed contact
- Receiver power supply: live (L) and neutral (N)
- Connection options: water heating (valve) and boiler
- Thermostat power supply: 2 AA batteries