LUXION TP618 wired thermostat with LCD display for gas or electric boilers

TP618 wired thermostat for gas or electric boilers, with LCD display, touch buttons, weekly programming and settings memory.



CODES

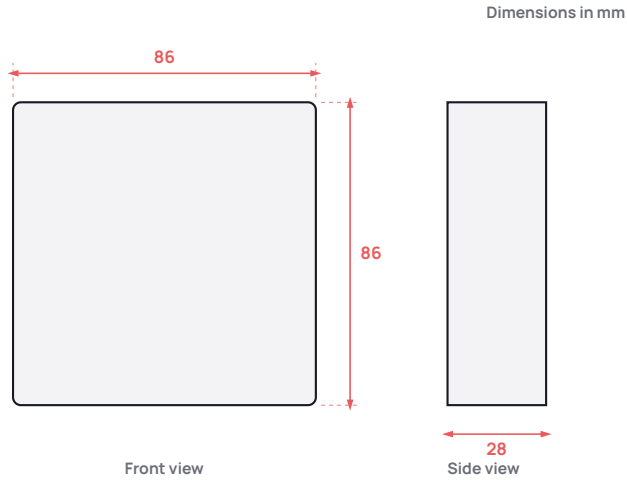
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SPECIFICATIONS

Brand	LUXION
Category	Smart home › Thermostats
Product type	Wired room thermostat for gas or electric boilers
Functions	Digital control with touch buttons; weekly 5+1+1 day programming, 6 time slots per day; settings memory, frost protection (below 10 °C), thermostat lock
Power supply	2 × AA batteries (not included)
Maximum load	3 A
Temperature sensor	NTC
Temperature setting range	5–35 °C
Hysteresis	0.5 °C
Display	Large backlit LCD display, black; standby after approximately 13 seconds
Terminals	NO, COM, NC (gas boilers: NO and COM)
Wire cross-section	1.5–2.5 mm
Front material	PC + ABS
Front dimensions (W × H)	86 × 86 mm
Depth	28 mm

Mounting	Wall-mounted, mounting base fixed with two screws
Operating temperature	0–50 °C
Certifications	CE, RoHS

DIMENSION DRAWING



DESCRIPTION

The Luxion TP618 wired thermostat works with gas boilers or electric boilers. It features 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 function: it can be programmed as you wish, for example 22°C during the day (9:00 – 17:00) and 25°C from 17:00 to 9:00. Programming is 5+1+1 days, with 6 time slots per day.
- Thermostat lock: lock the thermostat so that children cannot tamper with it.
- Frost protection: the 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.

Luxion TP618 wired thermostat

For gas boilers or electric boilers.

LCD display

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

- Operating mode (ON)
- Standby mode (STAND-BY)

Battery powered

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

Lock function

Lock the thermostat so that children cannot tamper with it.

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

A more comfortable home with programming

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

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

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.

Display indicators

- Battery level
- Thermostat lock
- Days
- Programmed period
- Time
- Room temperature (RT)
- Temperature setting (SET)
- Floor temperature (FLOOR)
- ECO mode
- Manual mode
- Programmes
- Settings
- Time
- Menu
- Up
- Down

Wiring diagram

For gas boilers use the NO and COM terminals (the NC terminal is intended for special boilers).
Connect the wires to the thermostat according to the wiring diagram.

- NO: Normally open contact
- COM: Common
- NC: Normally closed contact
- Connection to the boiler
- The installation wire size must be between 1.5 - 2.5 mm

Installation

- 1. Open the front cover by gently inserting the tip of a screwdriver.
- 2. Fix the thermostat base with the two screws.
- 3. Connect the wires according to the wiring diagram and fit the thermostat’s front cover.