



Livingstone

Creative Heating



📖 INSTALLATION AND OPERATING

INSTRUCTIONS

LIVINGSTONE RADIANT HEATING

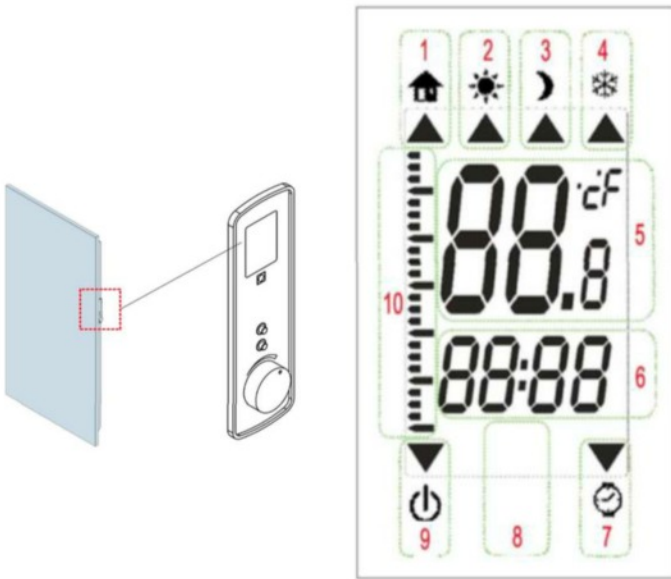
THERMAL STONE ELECTRIC HEATING

EASY TO INSTALL - MAINTENANCE FREE - SMART FEATURES

RECYCLABLE - SUSTAINABLE - ECO-DESIGN

ADVANCED THERMOSTAT SETTINGS

DISPLAY



- 1 - Fil Pilot mode indicator.
- 2 - Comfort mode indicator.
- 3 - Night setback mode indicator.
- 4 - Anti-freeze indicator.
- 5 - Temperature.
- 6 - Clock.
- 7 - Thermostat program indicator.
- 8 -
- 9 - Stand-by indicator.
- 10 - Weekly program display.

KEYS



- Stand-by



- Function

MODE STAND-BY



In Stand-by mode, the heating function is disabled and the display shows only the current time. The display flashes if the clock is not set and synchronised; see clock setting.

To switch from the Stand-by to the operating mode, press and hold the Stand-by key for two seconds until the display shows "ON".

PROGRAMMABLE THERMOSTAT



The Livingstone radiant panel features a programmable thermostat that can be programmed 24x7 on thermostat mode when the display shows the function (see figure) and the daily schedule on the side. To change the programming, refer to chapter “Weekly programming 24x7”.

In this mode, the thermostat follows the daily schedule, alternating comfort and night setback modes. The programmable thermostat function is disabled if the clock is not set, for example, after prolonged blackouts (display will flash); in this case, the heater will remain at comfort temperature until the clock is set to the current time.

COMFORT MODE (normally between 19° to 22°)



In comfort mode, temperature is regulated via the Temperature knob.

BACKGROUND SETBACK MODE (normally between 13° to 15°)



In night setback mode, temperature is adjusted according to the temperature knob but reduced by 3,5°C. This setback results in significant energy savings while allowing for a rapid transition from the setback to the comfort mode, ensuring thus optimal performance.

ANTI-FREEZE MODE (normally between 5° to 7°)



In anti-freeze mode, the thermostat keeps a safety temperature of 7°C to avoid freezing upon prolonged absence.

PILOT WIRE MODE (Only with an external controller or Wi-Fi receiver)



In Fil-Pilot mode, the thermostat is controlled remotely via a wire protocol, TERMO-DL, which support 6 commands.

Fil-Pilot commands:

- 1 – Comfort: comfort temperature.
- 2 – Night setback mode: comfort temperature -3,5°C.
- 3 – ECO1: comfort temperature -1°C.
- 4 – ECO2: comfort temperature -2°C.
- 5 – Anti-freeze: minimum anti-freeze temperature 7°C.
- 6 – Stop: heating disabled.

CLOCK SETTING



To access the clock setting function, go to stand-by mode, press the function key until the display shows "Set". Use the function key to change current time. Hold down the key for faster adjustment. Confirm the change with the stand-by key.

DAILY PROGRAMMING



After setting the clock, select the day of the week (d1 = Monday, ... d7 = Sunday). Use the function key to select day of the week. Confirm using the stand-by key, it automatically returns to stand-by mode.

WEEKLY PROGRAMMING 24H/7DAYS



To access the weekly programming, set the programmable thermostat mode and press and hold the function button until the display shows "Pro". The display shows the selection of the daily program; use the arrow keys to select the one you wish to change (d1 = Monday, d2 = Tuesday, ..., D7 = Sunday).

Once the desired program is selected, press the function key to enter the edit menu. The display shows the day / program and time slot; press the function key to set the time slot to comfort mode or the stand-by key to set the time slot to night setback mode. As you release the key, the next time slot is automatically selected.

Once the daily programming is complete, press the function key for two seconds to return to the daily program selection. To finish the programming, press and hold the Function key until the display shows "End".

Do's

Before you start cleaning the radiator, make sure it is in standby and no longer warm.

Clean with a dry cloth or with specific non-aggressive detergent.



Don'ts

Do not clean the radiator when activated.

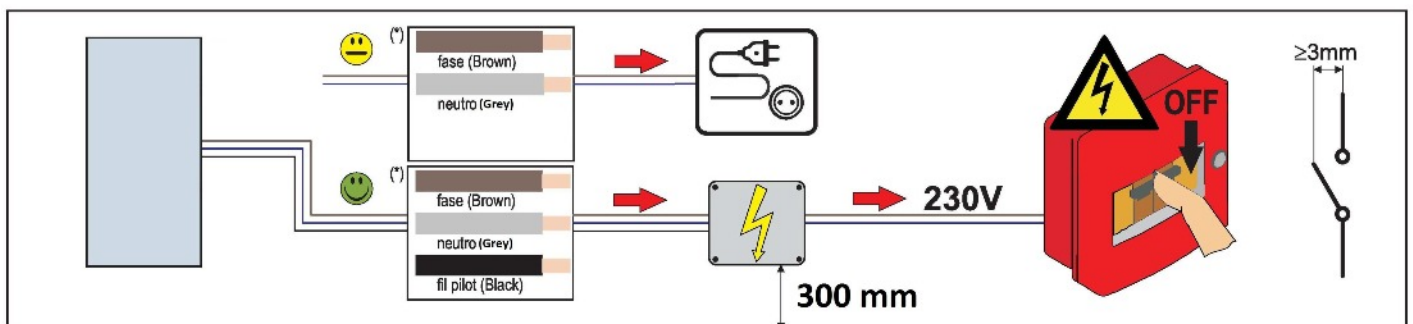
Do not clean the radiator with aggressive detergents.

Do not use water or wet cloths to clean the radiator.

Do not scratch the surface of the radiator, or use abrasive products.

TECHNICAL SPECIFICATIONS

Power Supply: $\approx 230V$ 50Hz 10%
Power control type: RELAY 10A, TRIAC 10A, TRIAC 4A
Max power: 1400W total (Relay + TRIAC 1 + TRIAC 2)
Insulation class: Class II
Environment protection classification: IPX4
Operating temperature: 0 – 50°C
Storage temperature: -20 – 85°C
NTC sensor: 10KOhm @25°C
Enclosure: ABS+V0 base colour RAL 9010
Connection type: Screw header 2,5mm ²
Regulation type: (Relay) Hysteresis +/- 0,5°C – (Triac) PID
Temperature settings range: 7 – 31°C
User interface type: push-button, potentiometer
Visualization interface: STN LCD display, viewing angle 12 o'clock



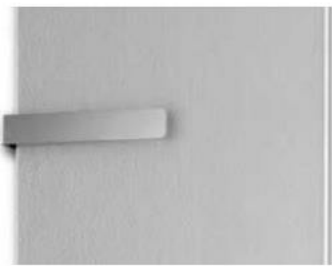
(*)fase/phase wire/Phasenleiter/conducteur de phase - neutro/neutral wire/Neutralleiter/conducteur neutre

CONTACT

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Accessories



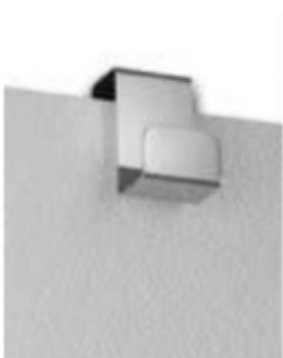
Towel open glossy / satin



Towel close glossy / satin



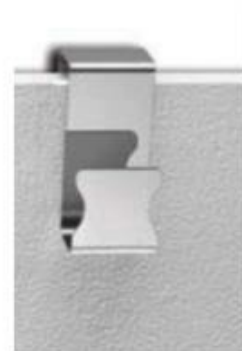
Towel curved glossy / satin



Hanger glossy / satin



Hanger glossy / satin



Hanger glossy / satin

COLOURS



RAL 9016 traffic white

RAL 1013 pearly white

RAL 1015 pale ivory

RAL 1019 grey beige

RAL 8025 brown

RAL 7006 beige grey

RAL 7016 anthracite grey

Other colours available upon request

DISPOSAL



Incorrect disposal of the appliance entails sanctions. The symbol attached to the appliance and shown hereby, indicates that product is subject to a separate collection for electrical appliances.

At the end of its service life, the appliance cannot be disposed of with common municipal solid waste but must be conveyed to a special collection centre in your area. Alternatively, it can be returned to the distributor upon purchasing a new appliance of the same type and intended use.

The separate collection of electrical and electronic appliances is part of a policy of preserving, protecting and improving the quality of the environment; it is designed to avoid potential harmful effects on human health due to the presence of hazardous substances as classified by the European directives. **Waste Electrical and Electronic Equipment recycling (WEEE)**

LIVINGSTONE® promotes full environment respect and product recycling. Only a responsible culture of sustainable material and resource can ensure a future for new generations. LIVINGSTONE® products can be recycled to make other products, providing the product directly to any authorised **WEEE centre**.

PLEASE TAKE NOTE



THIS RADIATOR IS DOUBLE INSULATED

Being double insulated, the cable from this radiator does not carry an Earth wire, it has a Live (brown), Neutral (grey) and a **BLACK** wire, which is a pilot wire. **Never connect the black Pilot Wire to an Earth, Live or Neutral connection**, if this occurs it will destroy the thermostat. The black pilot wire is a signal wire, only to be connected to an external programmer. Please contact Livingstone Creative Heating© for advice on such systems. If the pilot wire is not used it must be properly insulated and isolated to avoid accidental connection.

CLASSE II



Double insulated

Livingstone Creative Heating © - Unit 18 Napier Place, Stephenson Way, Thetford, Norfolk – IP24 3RL

Compliance declaration: we hereby declare under our sole responsibility that the products described in these instructions comply with all the main requirements of the Low voltage directive 2014/35/EU, EMC 2014/30/EU and RoHS 2011/65/EU.

The symbol affixed on the product indicates that you must dispose of it at the end of its useful life at a special recycling point, in accordance with European Directive WEEE 2012/19/EU. If you are replacing it, you can also return it to the retailer from which you buy the replacement equipment. Thus, it is not ordinary household waste. Recycling products enables us to protect the environment and to use less natural resources.