# antoniolupi

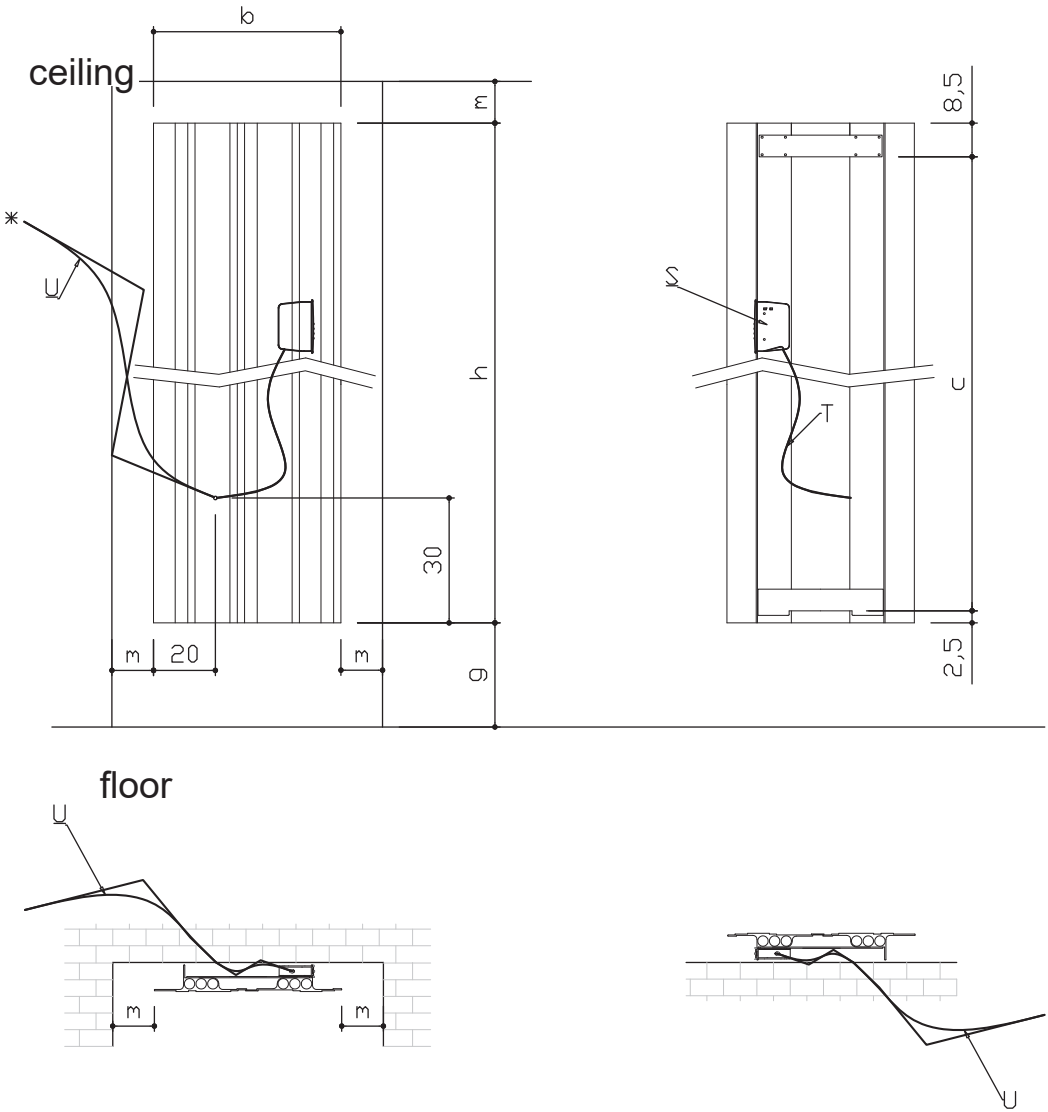
## DESIGNER RADIATOR BITLIGHT – ELECTRICAL VERSION USE AND INSTALLATION MANUAL

## WARNING!!!

We decline any and all responsibilities relative to eventual inaccuracies contained in this manual due to transcription errors.

We invite all our clientele to control the items received prior to installation.

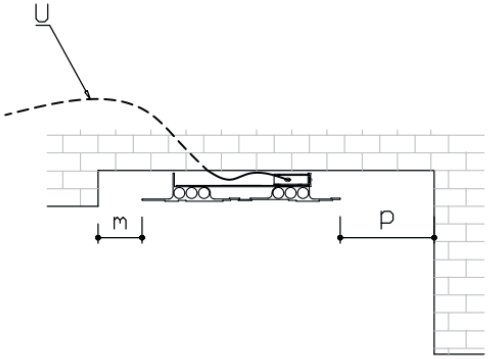
## FIG.1 - FIG.2




**g** = minimum lowest height from floor 10 cm
**m** = minimum distance from side walls and ceiling 10 cm
**x** = area without milling
*to power supply

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## FIG.2A




Positioning in the right corner

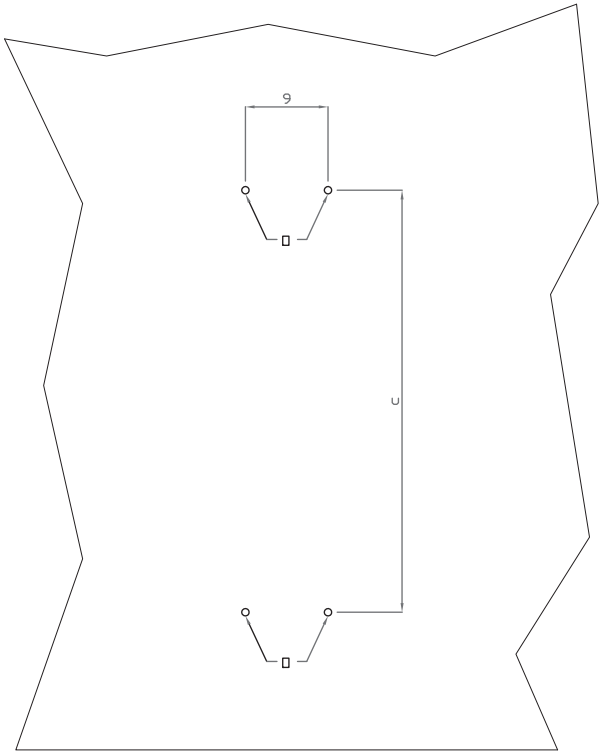
**g**=minimum height from the ground 10 cm
**m**=minimum distance from the left side and ceiling 10 cm
**p**=minimum distance from the right side 50 cm
*To the power supply

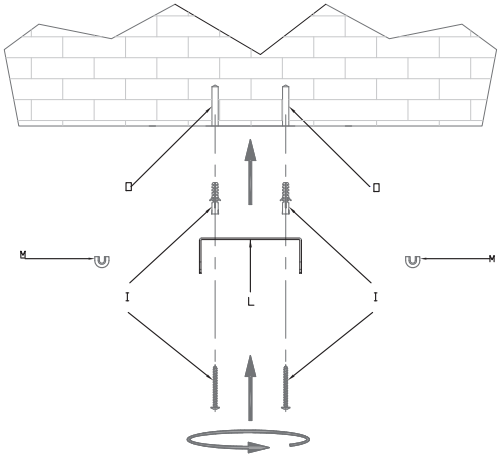
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## TAB.1

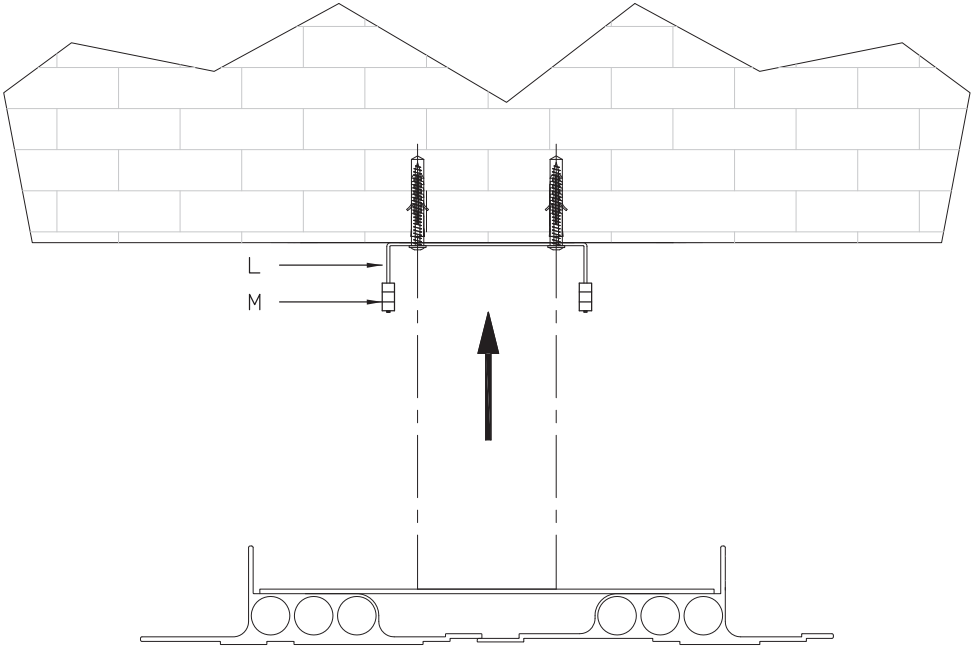
| Modell | Version | h x w (cm) | **a** centre to centre distance | **c** (cm) | Weight (kg) | Electric power (watt) |
|---|---|---|---|---|---|---|
| BITLIGHT 1200 | | 120x45 | - | 109 | 11,6 | 650 |
| BITLIGHT 1500 | | 150x45 | - | 139 | 14,5 | 800 |
| BITLIGHT 1800 | | 180x45 | - | 169 | 17,4 | 1000 |

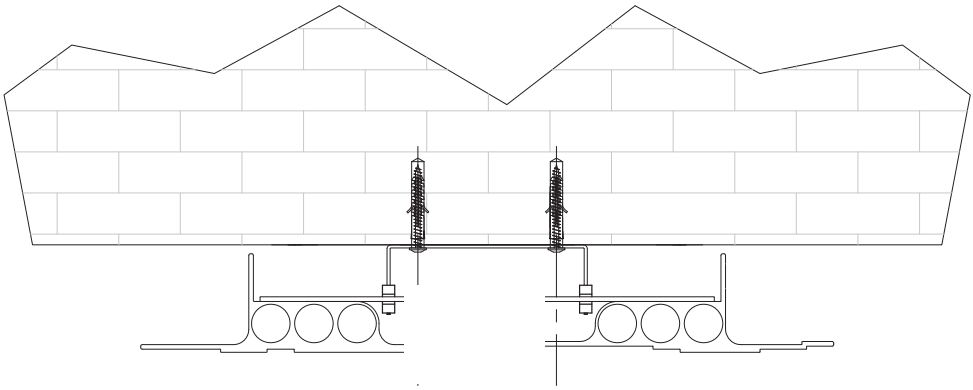
# FIG.3



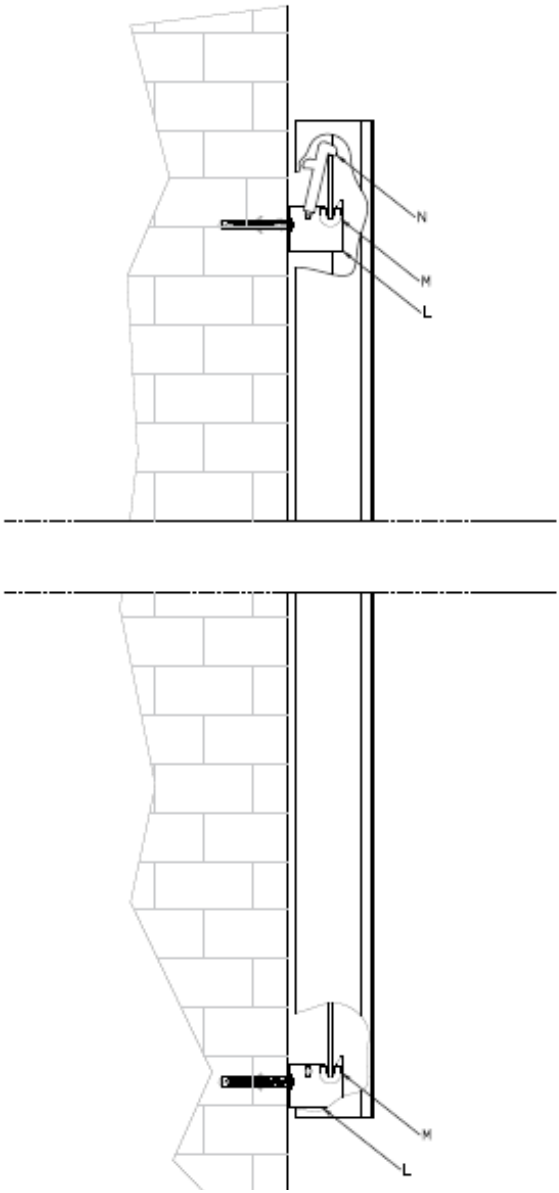



## FIG.4

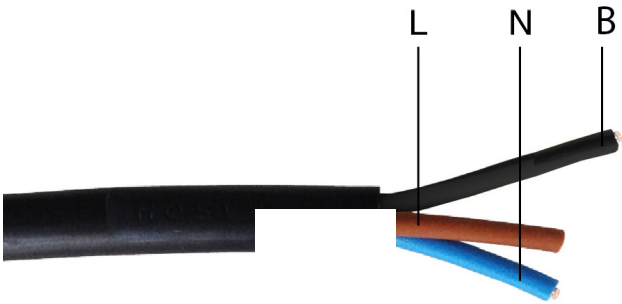


## FIG.5



## FIG.6- FIG.7




| L | N | B |
|---|---|---|
| phase (brown) | neutral (blue / grey) | Fil pilot (black) |

**Warning!**
The “Fil Pilot” is destined to those radiators connected to the energy management control unit / timer. If the black wiring of the “Fil Pilot” is not used security regulations enforce isolation and to not connect to the ground wire.

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## 1. INFORMATION ABOUT THE PRODUCER

The present radiator has been produced by:
Radiatori 2000 S.p.A. – Via Francesca 54/A 24040 Ciserano (BG) ITALY
P.IVA 03554100176

**IMPORTANT!!**
Antonio Lupi Design S.p.A. declines any and all responsibilities in case of accidents due to installations that do not comply to these instructions.
Before leaving the factory, all radiators are rigorously tested according to current standards. Antonio Lupi Design S.p.A. reserves the right to introduce technical and constructive modifications retained necessary without obligation of prior notice.
For any and all questions please consult your nearest dealer.

## 2. WARNING AND PRECAUTIONS

**Leggere attentamente tutte le avvertenze e le precauzioni di seguito elencate.**

Le istruzioni contenute nel presente manuale sono disponibili sul sito web www.antoniolupi.it

- The appliance functions at 230 V AC. Make sure that the voltage corresponds.
- The appliance pertains to class II and with IPX4 electrical protection; do not make any electrical connections ignoring this fact
- Make sure to have the necessary power stated on the data plate to operate the appliance.
- This appliance is destined only to the drying of fabrics washed in water.
- The appliance should not be placed immediately under a fixed socket.
- If the power cable is damaged it should be replaced by the producer or your service agent or however by a person with similar qualifications so as to avoid any risk.
- In case of failure contact your retailer. Do not tamper in any way with the product; eventual disassembly or opening compromise the safety of the product. We decline all responsibility for accidents derived from tampering the appliance.
- Do not touch the appliance while in function.
- The protection system of this radiator has been designed to avoid direct access to the electrical heating elements and must be kept in its position during use.
- The appliance is not destined to persons (children under 8 years included) whose physical, sensorial and/or mental

conditions are reduced, or lack experience or knowledge unless benefited through the integration of a responsible person for their safety, supervision or instruction concerning use of the appliance. Children cannot play with the appliance or clean it if not supervised.

- Children under 3 years have to stay far away from the appliance unless supervised.
- Children between 3 and 8 years can switch on/off the appliance only of instructed regarding warnings and possible dangers caused by the appliance and if this is placed in its correct position.
- Children between 3 and 8 years cannot connect or clean the radiator.
- The radiator has to be installed far away from possible contact with water and electrical devices should not placed within reach of people in bathtubs, showers or similar situations with water that could touch the appliance.
- Before cleaning make sure the appliance is turned off, is at room temperature and unplugged.
- Clean with a damp cloth without aggressive or abrasive detergents that could damage the lacquering of the appliance.
- In models with a towel bar do not load excessive weight, the maximum weight sustainable is 2 Kg.
- In models with a towel bar minimum height from the floor should be 60 cm.

## 2. WARNING AND PRECAUTIONS

**CAUTION!!**
**Some parts of the product can become very hot and cause scalding. Particular attention should be made with children and people with reduced physical, sensorial or mental capacity.**

## 3. WARNING AND PRECAUTIONS

**Please read carefully all instructions and measures in Tab.1, Fig.1 and Fig.2 for the correct installation of the radiator.**

**ATTENTION!!**

- Connect the radiator only after having installed it to the wall.
- The radiator has to be connected only by qualified personnel according to the current regulations using certified materials.
- Don’t tamper with the radiator or the electric box. If you should experience difficulties contact your retailer. The cable provided (fig. 7) is supplied specifically for the radiator. Don’t replace it with other cables.
- According to our installation instructions, the power supply network should have an omnipolar disconnection device with an opening distance which grants the total disconnection in case of overvoltage III
- If the charge of the radiator is higher than the dates on the plate of the command/control system (thermostat contact or control switch) interpose a power relay or a counter properly sized.

## 4. NECESSARY TOOLS FOR INSTALLATION

- Philips screw driver (if using the screws provided);
- Drill;
- Wall tip 8 mm diam.(if using the dowel provided).

## 5. MATERIAL PROVIDED IN THE PACKAGE

- 4 complete anchors ø8 – Cod. I
- 2 wall supports – Cod. L
- 4 pads for wall supports – Cod.M.

## 6. PRE-ASSEMBLED RADIATOR INCLUDED IN THE PACKAGE

Before packaging the radiator it is equipped with some components to facilitate the various phases of installation. Specifically, the radiator has already installed (**Fig.2**):

- 2 dry electrical resistances
- A programmable thermostat in position “S”
- An electrical cable “T” 3 meters in length
- Room temperature sensor

## 7. PREDISPOSITION OF WALL BRACKETS

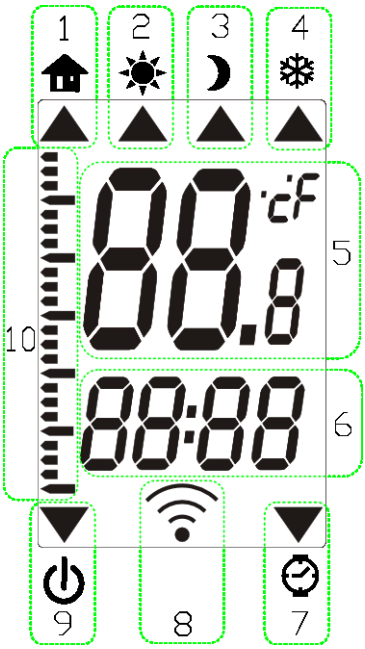
- Withdraw from the accessory package the four fixing brackets “L”
- Fix the brackets according to your wall and make sure they are able to support the weight of the radiator. Included are “I” type dowels D.8 mm

## 8. MOUNTING THE RADIATOR ON THE WALL

- Insert the cable “T” in the electrical pipe “U”. The distance has to be less than 3 meters.
- Lift the radiator and insert the two pins, already installed on the radiator, within the fixing brackets “L” (Fig.4);
- Pull the tip of the cable inside the by-pass box , reduce the excess cable behind the radiator

# 9. OPERATING MODE

## 9.1 DISPLAY DESCRIPTION AND SYMBOLS USED




1. Fil Pilote+ mode indicator.
2. Comfort mode
3. Night reduction mode
4. Antifreeze mode
5. Temperature display
6. Clock display
7. Thermostat program indicator
8. Data packet reception indicator
9. Stand-by indicator
10. Weekly program bar

stand-by
key function
increase
decrease



display view

## 9.2 STAND-BY




In Standby mode the thermostat is disabled and only the clock is visible on the display. When the clock is not set the display blinks , see how to program the clock.
To toggle between standby mode and other operating modes press the standby button for 2 seconds until “On” appears on the display.

# 9. MANUAL PROGRAMMABLE THERMOSTAT

## 9.3 PROGRAM MODE




INSIDE T has 24h/7d programmable thermostat and timer. When in thermostat mode the display shows the function (see figure) and on the side the daily program is shown. To modify the program see 9.8 weekly program.
In this operating mode the thermostat follows the daily program, alternating comfort mode and night reduction the temperatures are set accessing the respective operating modes. The timer thermostat function is disactivated if the clock is not programmed, for example, after a long blackout (now flashing), will set the comfort temperature until the clock will be reset with the current time.

## 9.4 FIL PILOTE MODE




In the “fil pilote” mode the thermostat is commanded remotely through a command wire, INSIDE T is compatible with controls to 6 orders.

1. Fil pilote command:
2. 1. Comfort: Comfort temperature
3. 2. Night reduction: Comfort temperature -3.5°C
4. 3. ECO1: Comfort temperature -1°C
5. 4. ECO2: Comfort temperature -2°C
6. 5. Anti freeze: Minimum anti freeze temperature 7°C
7. 6. Stop: Heating disabled

# 9. MANUAL PROGRAMMABLE THERMOSTAT

## 9.5 CONFORT MODE



In the comfort mode the temperature is regulated as digitally displayed using the keys to increase and decrease

## 9.6 NIGHT REDUCTION MODE



In the night reduction mode the temperature is regulated as digitally displayed. This reduction enables energy saving yet at the same time allows for a rapid switch between this and comfort mode guaranteeing optimum performance.

## 9.7 ANTIFREEZE



In antifreeze mode the thermostat maintains a safety temperature of 7°C to avoid that the room falls below zero degrees if absent for long periods of time.

# 9. MANUAL PROGRAMMABLE THERMOSTAT

## 9.8 24H/7D WEEKLY PROGRAMMING



To access weekly programming first select thermostat mode and hold the functions key for a few seconds until “Pro” appears on the display.
On the display the selection of daily programs is visible, use the functions key to select the one to be modified
D1 = Monday, d2= Tuesday,…d7=Sunday.
Once selected the program press the stand-by key to access the menu to be modified.
On the display the day/program and time slot is visible, pressing the function key you can set the comfort mode in the time slot, pressing the stand by key you can set the reduction in the time slot. When released automatically the next time slot is selected.
When finished with the daily programming press the function key for 2 seconds to return to the daily programming selection. To end press the stand by key until “OFF” is displayed.

# 9. OPERATING MODE

## 9.9 CLOCK PROGRAMMING




To program the clock go to stand by as described before press the function key until “SET” is visible.
Use the keys to modify the current time.
Confirm the modification with the function key.

## 9.10 DAILY PROGRAM




After setting the time the daily selection is activated d1=Monday, d7= Sunday.
Use the keys to select the day of the week. Confirm using the function key automatically will return to stand by mode.

## 10. NOTES FOR DISPOSING OF THE PRODUCT

Within the European Union all electrical or electronic devices are subject to a special collection of the item at the end of its life cycle. Do not discharge of this item in unsorted municipal waste. To prevent possible harm to the environment or to human health caused by uncontrolled waste disposal and to promote recycling of renewable resources return the item to the correct waste collection system.
Further information regarding disposal of the item is available by contacting your nearest retailer or see specific information in your country.

## 10. CONFORMITY DECLARATION

CE

We declare that this radiator of the BIT collection has been made according to the European Directives 2006/95 LVD, EC 89/336 RHOS, RAEE and to the standards CEI EN 60335-1, CEI EN 60335-2-30, CEI EN 60335- 2-43, 2004/108 CE.

Data ……

**antoniolupi**

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