

## Battery operated room thermostat LC100 / LC150

V.1



From the elegance and prestige that have always distinguished the **BEINAT Srl**, and the concept of home fitness, derive the electronic ambient thermostats **LC100/150**. These products contain in their small dimensions a great electronic technology.



These devices, taking advantage of the sensitivity of their detection sensor, allow the user to maintain a constant and precise ambient temperature

The **LC100/150** has a switch for selecting the mode of work that can be Summer or Winter. This arrangement makes it ideal for controlling fan coils, air generators, air conditioning systems.

The battery operation allows to replace with extreme rapidity and without the necessity to bring power to 230 V.ca. a mechanical thermostat previously installed guaranteeing in this way the comfort that only an electronic product can give.

The small size, the modern look and harmonious lines round out the features of this thermostat.



**Important:** Assembly / maintenance of the appliance must be carried out by qualified personnel and in accordance with applicable laws and regulations. The manufacturer assumes no responsibility for the use of products that have to comply with particular environmental and / or installation standards.



**Important note**

Before connecting the equipment, it is recommended that you read the instruction manual carefully and keep it for future reference. It is also recommended to perform the electrical connections correctly as per enclosed drawings, observing the instructions and the Standards. **N.B. Refer to the documentation in all cases where the symbol is on the side**



Installation  
and user guide

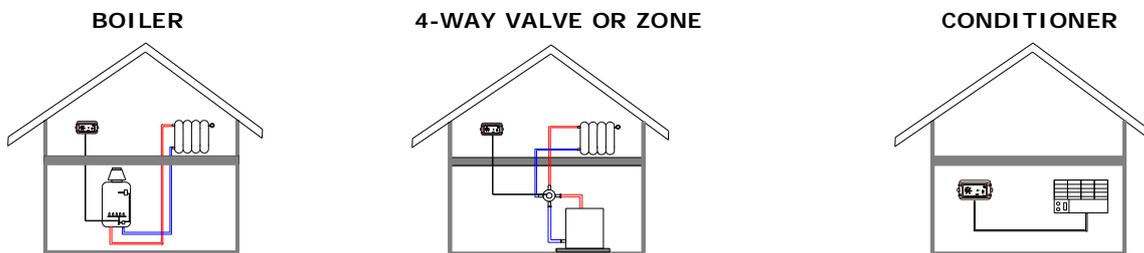


INSTALL IN SAFE  
AREA, **NO ATEX**

## Technical features

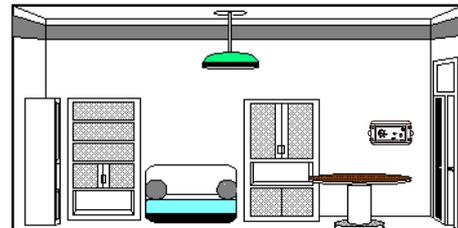
Power supply .....	3 V.cc by 2 Alkaline batteries
Battery type .....	<b>style size AAA alkaline 1.5 VDC</b>
Battery duration .....	<b>minimum 48 months</b>
Range of contacts.....	5A 250V. resistive - 10A 30V. resistive
Range of temperature.....	from 5 to 30 degrees C
Delta temperature.....	From 0.2 to 0.4 degrees C
Operating Temperature .....	from -10 ° C to + 40 ° C
Operating mode .....	LC100 Winter
Operating mode .....	LC150 Summer or Winter
Operating Humidity .....	0 to 90% RH not condensed
Body Material .....	ABS self extinguishing
Degree of protection .....	IP30
Maximum dimensions (l*h*p) .....	110x35x50
Electromagnetic Compatibility "CE" .....	According to Reference regulations

## Positioning and usage mode

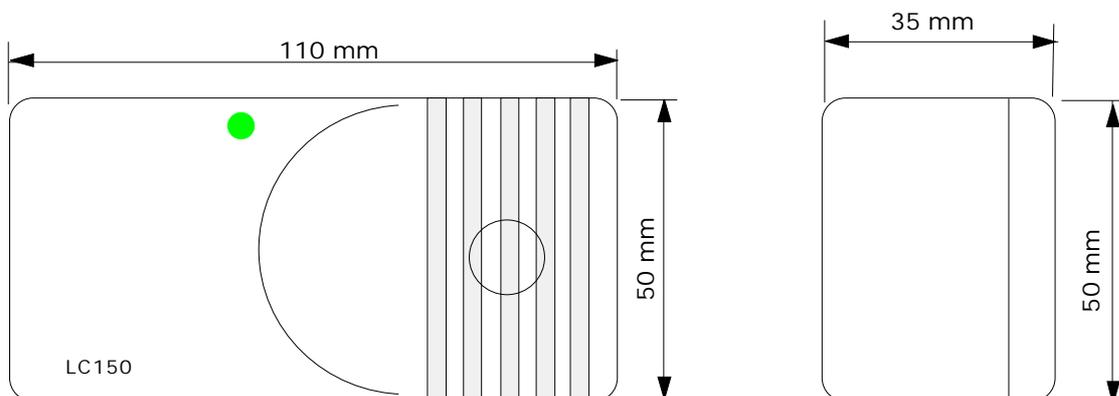


**Positioning.** The correct positioning of the thermostat is an element of absolute importance for its operation. To get the best performance from these thermostat is necessary to follow certain principles of installation:

- To install in the 'room of the house where it is believed there is an average temperature neither too hot nor too cold.
- Do not place it near sources of heat that can affect the correct temperature reading.
- Avoid proximity to the thermostat household appliances that give off heat (microwave oven, refrigerators, televisions etc.).
- Do not place in dead corners, behind doors or where there is no circulation of air.
- Install it to about 140 cm. from the floor.
- Do not place the product on a wall excessively cold or warm (such as outside walls or paths from heating pipes)



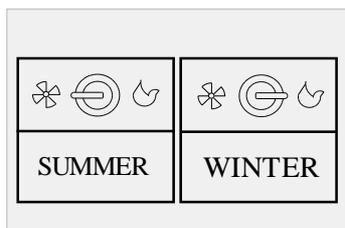
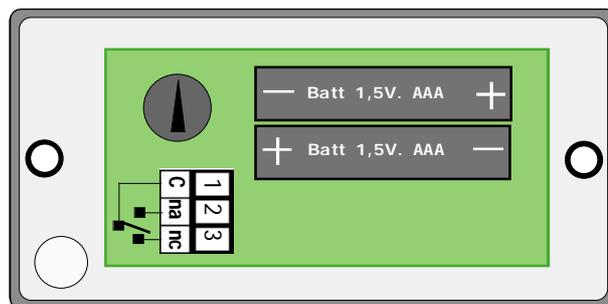
## Dimensions



## Electrical Connections

### WARNING.

Before connecting to the mains power, ensure the voltage is correct. Carefully follow the instructions and the connections according to Regulations in force, keeping in mind that the signal cables should be laid separate from the power cables.



The **LC150** has a switch for selecting the operating mode. Placing the switch as in the first drawing to the left, the thermostat work in **SUMMER** mode, vice versa, as specified in the second drawing on the right, the thermostat is operating in **WINTER**.

## Use of batteries

This appliance is equipped with 2 AAA alkaline batteries 1.5 V.cc **non-rechargeable**. To better manage the batteries should observe certain rules because they can provide all the energy needed when using the equipment.

Batteries should never be exposed to high temperatures, never above +50 ° C .

Do not disassemble the batteries, do not dispose of in fire as they may explode. Never throw the battery in municipal waste. Please check local regulations for disposal.

**INSURANCE.** This device is insured by the SOCIETÀ REALE MUTUA for the PRODUCT'S GENERAL LIABILITY up to a maximum of 1,500,000.00 EURO against damages caused by the device in case of failures in functioning.

**WARRANTY.** The warranty term is 3 years from manufacturing date, in agreement with the following conditions. The components acknowledged as faulty will be replaced free of charge, excluding the replacement of plastic or aluminium cases, bags, packing, batteries and technical reports.

The device must arrive free of shipment charges to **BEINAT S.r.l.**

Defects caused by unauthorized personnel tampering, incorrect installation and negligence resulting from phenomena outside normal functioning shall be excluded from the warranty.

**BEINAT S.r.l.** is not liable for possible damage, direct or indirect, to people, animals, or things; from product faults and from its enforced suspension of use.



**DISPOSAL OF OLD ELECTRICAL & ELECTRONIC EQUIPMENT.**

This symbol on the product or its packaging indicates that this product shall not be treated as household waste. Instead, it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment, such as for example:

- sales points, in case you buy a new and similar product
- local collection points (waste collection center, local recycling center, etc.)

By ensuring this product is disposed of correctly, you will help prevent potential negative consequence for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

**Attention:** in some countries of the European Union, the product is not included in the field of application of the National Law that applies the European Directive 2002/96/EC and therefore these countries have no obligation to carry out a separate collection at the "end of life" of the product.



**Thermostat LC100/LC150** *Lo styling è della b & b design*

Stamp and signature of the dealer

Date of purchase: .....

Serial number: .....

**Beinat S.r.l.** following the purpose of improving its products, reserves the right to change the technical, aesthetic and functional characteristics at any time and without giving any notice.

**BEINAT S.r.l.**  
Via Fatebenefratelli 122/C 10077, S. Maurizio C/se (TO) - ITALY  
Tel. 011.921.04.84 - Fax 011.921.14.77  
[http:// www.beinat.com](http://www.beinat.com)

