

CC 15A WiFi

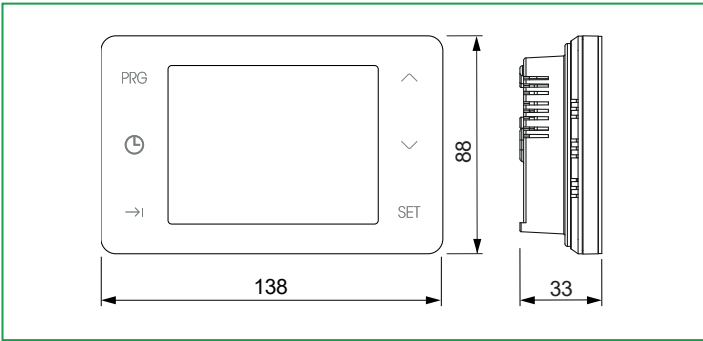


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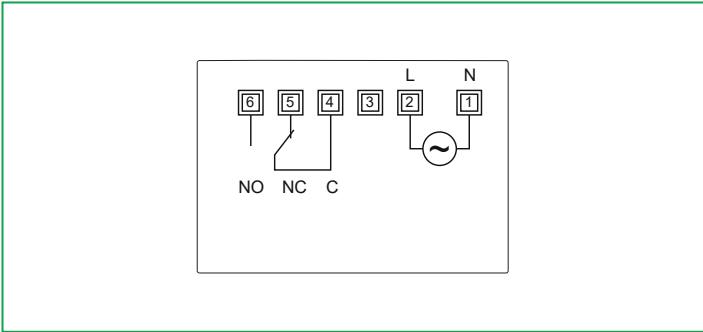
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user manual now



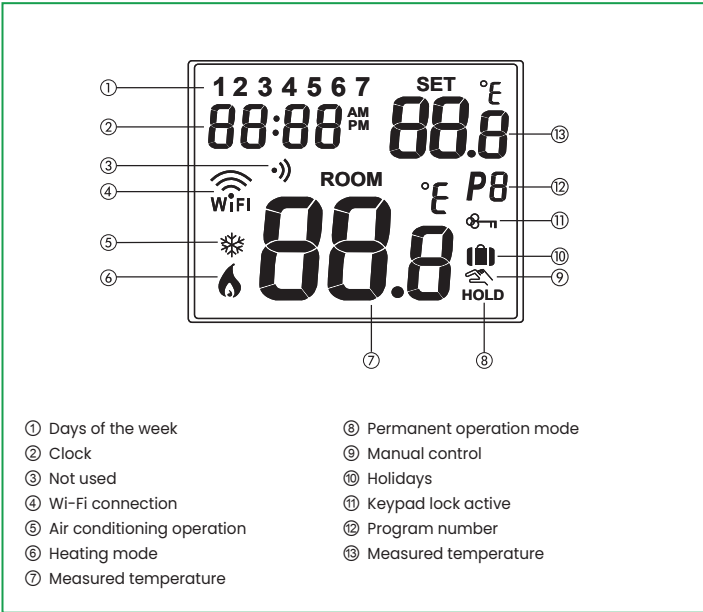
Device dimensions



Connection diagrams



Device description



Information to users pursuant to art. 14 of the directive 2012/19 / EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE)

If the crossed-out bin symbol appears on the equipment or packaging, this means the product must not be included with other general waste at the end of its working life.

The user must take the worn product to a sorted waste center, or return it to the retailer when purchasing a new one.

Products for disposal can be consigned free of charge (without any new purchase obligation) to retailers with a sales area of at least 400 m², if they measure less than 25 cm.

An efficient sorted waste collection for the environmentally friendly disposal of the used device or its subsequent recycling, helps avoid the potential negative effects on the environment and people's health, and encourages the re-use and/or recycling of the construction materials.

User Manual

Read all the instructions carefully

DIGITAL SMART THERMOSTAT

The smart thermostat is a wall-mounted device powered by the mains supply, designed for the control of heating and air-conditioning systems. The device can be managed via the dedicated app, available for iOS and Android operating systems.

System activation and changes to operating settings can be performed easily from any location thanks to the integrated Wi-Fi module, which connects the device to the home router.

The device performs Type IB actions and is intended for operation in environments with Pollution Degree 2 and Overvoltage Category III in accordance with EN 60730-1.

Code	Model	Description
4G002400	CC 15A WiFi	230 V Weekly Wi-Fi Smart Thermostat

SAFETY WARNINGS

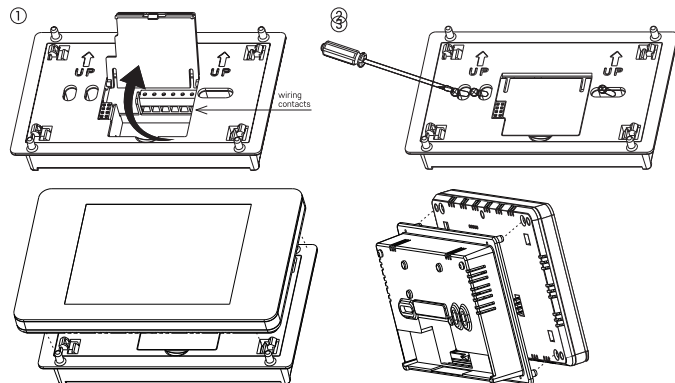
- During product installation and operation it is necessary to observe the following instructions:**
- The device must be installed by a qualified person, in strict compliance with the connection diagrams.**
 - Do not power or connect the device if any part of it is damaged.**
 - After installation, inaccessibility to the connection terminals without appropriate tools must be guaranteed.**
 - The device must be installed and activated in compliance with current electric systems standards.**
 - Before accessing the connection terminals, verify that the leads are not live.**
 - The electrical installation supplying the device must be equipped with an overcurrent protection device installed upstream of the device.**

TECHNICAL SPECIFICATIONS

- Power supply: 230 Vac / 50 Hz
- Relay rating: 6 A (2 A inductive load), 230 Vac
- Wall installation (or covering the 503 box)
- Operating modes: heating, air conditioning or off
- Programmability: 7-day, 5/2-day and 24-hour modes
- Keypad lock
- Displayable temperature range: 0 °C ÷ 40 °C (in increments of 0.1 °C)
- Setpoint setting range: 5 °C ÷ 35 °C (in increments of 0.5 °C)
- Measurement accuracy: ±1 °C (at 20 °C)
- Backlit display
- Bluetooth communication interface BLE
- Bluetooth operation frequency band: 2400-2483.5 MHz
- Maximum Bluetooth radiofrequency power transmitted: 6.5 dBm
- Wi-Fi operating frequency band: 2.4 GHz IEEE 802.11 b/g/n
- Maximum Wi-Fi radiofrequency power transmitted: 18.0 dBm
- Wi-Fi operating frequency band: 5 GHz IEEE 802.11 a/n/ac
- Maximum Wi-Fi radiofrequency power transmitted: 15.0 dBm

Installation

- The device can be wall-mounted or to cover the 3-module flush-mounting box (type 503).
- We recommend positioning at a height of 1.5 meters from the floor, in an area that respects as much as possible the average temperature conditions of the entire environment.
- Avoid installation near doors or windows, in niches, behind doors and curtains or in positions with excess or total lack of ventilation, to avoid that the reading of the temperature measured by the probe is in some way offset.



- Open the relevant cover and connect the wires to the terminal block (see wiring diagram).
- Secure the device to the wall.
- Position the front unit onto the wall-mounted base, taking particular care to ensure the two parts are correctly aligned and properly engaged.

Warnings and preliminary operations for the Correct positioning and connection of the device

WARNINGS

The device must be operated via the application in the presence of a stable 2.4 GHz or 5 GHz Wi-Fi network to ensure a reliable Internet connection.

The smartphone used for the configuration must be connected to the same Wi-Fi network.

Download and install the CC 15 WiFi application from your device's app store. The application is available for both iOS and Android operating systems.

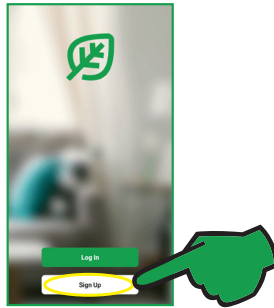
Verify that:

- the Wi-Fi Access Point is powered on correctly and is located at a distance that ensures a stable communication signal with the device;
- the smartphone used for the configuration is connected to the same Wi-Fi network to which the device will be connected;
- the smartphone's location service (GPS) is enabled and the application has been granted permission to access the device location (GPS). Configure the smartphone settings accordingly to allow this tracking. For further information, refer to the smartphone's user instructions;
- to allow device management via the application, the router has full Internet access and no browsing restrictions are enabled (e.g. firewall settings, parental control features, etc.).

App Description

To configure the device using a smartphone, proceed as follows:

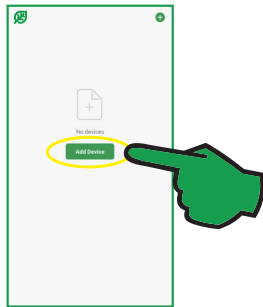
- Create a CC 15 WiFi account:
 - Install and launch the **CC 15 WiFi** app on your smartphone (or tablet).



- Select **"Sign Up"** and follow the registration procedure by completing all the required fields.
Note: For security reasons, it is recommended to choose a password that is different from the one used to access your e-mail account.
- Log in using the email address and password chosen at registration.

- Initiate the Wi-Fi configuration and APP control procedure on the device (see Advanced Settings)

- Start the device configuration procedure in the app, **carefully following the step-by-step instructions provided by the setup wizard.**



Important: The following figures display the App at the time of publication of these user instructions. Newer versions of the App may deviate in terms of graphics and content.

Reference standards

- Compliance with Community Directives 2014/53/UE (RED) is declared with reference to the following harmonized standards:
 - EN IEC 60730-2-7 • EN 62479 • ETSI EN 300 328 • ETSI EN 301 489-1 • ETSI EN 301 489-17The full text of the EU Declaration of Conformity is available at the Internet address www.4Green.it

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Operation

HOW TO SET THE TIME

- Press the “” button once; the day number will start flashing. Use the “” or “” buttons to adjust the value from 1 to 31.
- Press the “” button once; the month number will start flashing. Use the “” or “” buttons to adjust the value from 1 to 12.
- Press the “” button once; the year value will start flashing. Use the “” or “” buttons to set the current year.
- Press the “” button once; the hour indication will start flashing. Use the “” or “” buttons to adjust the value from 0 to 23.
- Press the “” button once; the minutes symbol starts flashing. Use the “” or “” buttons to adjust the value from 0 to 59.
- Press the “**SET**” button to confirm the changes, or wait 30 seconds for automatic confirmation and return to normal operating mode.

PROGRAM SETUP

- The device allows the configuration of 6 temperature programs (PRG1 ÷ PRG6) to be set according to your needs over a 24-hour period for each day of the week.
- The factory settings are:
- Days of the week 1 to 5 (Monday – Friday)**
PRG1: hours 06:30 – 20 °C PRG2: hours 08:30 – 16 °C PRG3: hours 12:00 – 16 °C
PRG4: hours 14:00 – 16 °C PRG5: hours 16:30 – 21 °C PRG6: hours 22:30 – 7 °C
- Days of the week 6 to 7 (Saturday – Sunday)**
PRG1: hours 07:30 – 20 °C PRG2: hours 09:30 – 20 °C PRG3: hours 11:30 – 20 °C
PRG4: hours 13:30 – 20 °C PRG5: hours 16:30 – 20 °C PRG6: hours 22:30 – 15 °C
- If the factory settings don't meet your needs, you can change them as follows:
1.

Press the “**PRG**” button once, the day of the week symbol starts flashing (1, 2, 3, 4, 5).

2.

Press the “” or “” buttons to select the desired day of the week or “1 2 3 4 5” and/or “6 7” for the 5/2-day mode, or “1, 2, 3, 4, 5, 6, 7” for the 7-day mode.

3.

Press the “”button once. **P1** will be displayed and the time will start flashing. Use the “” or “” buttons to select the time at which to run the **P1** program (in 10-minute increments).

4.

Press the “” button once; the temperature will start flashing. Use the “” or “” buttons to adjust the temperature during the **P1** program (in increments of 0.5°C).

5.

Press the “”button once. **P2** will be displayed and the time will start flashing. Repeat the steps described above from point 3 for all 6 temperature programs.

6.

Once the time and temperature of the 6 programs have been set and the day or days of the week are flashing, press the “” button again to repeat the steps above from step 2 until all 7 days of the week have been set.

7.

Press the “**SET**” button to confirm the settings or wait 60 seconds for automatic confirmation and return to normal operating mode.

To view the programming parameters in normal execution mode, press the “**PRG**” button and use the “” or “” buttons to move to the different days of the week.
- BACKLIGHTING
- The backlight turns on by pressing any button and turns off after 15 seconds of inactivity.
- OPERATION SETTINGS
- The device can operate in 3 different modes (Heating/Air Conditioning/Off) which can be set using the “” button:

Automatic – Identified by the “**P**” icon, indicating that a programmed schedule is currently being executed.

Manual – Identified by the “**HOLD**” icon. Several manual operating modes are available and are identified differently (see the MANUAL SETTINGS section).

Off – Identified by the display of the set temperature in heating mode (fixed at 5.0 °C and cannot be modified), or by the absence of a set temperature indication in cooling mode.
- MANUAL SETTING
- The device allows the configuration of 4 manual modes to be set according to your needs.

Temporary manual
This temperature setting will remain in effect until the next **PRG** or until the “**SET**” button is pressed again.

1.

Press the “” or “” buttons to select the desired temperature. (the symbol  will appear on the screen).

Permanent manual
This temperature setting will remain in effect permanently until the “**SET**” button is pressed again.

1.

Press the “” button once, “**HOLD**” will be displayed.

2.

Press the “” or “” buttons to select the desired temperature.

Manual timed hours
This temperature setting will be maintained for the set duration of time in hours or until the “**SET**” button is pressed again.

1.

Press and hold the “” button for 5 seconds.

2.

Press the “” or “” buttons to set the desired hours between 1H and 9H.

3.

Press the “**SET**” button to confirm the changes.

4.

Press the “” or “” buttons to select the desired temperature.

The display alternately shows the current time and the remaining period in timed mode.

Timed manual days (holiday)
This temperature setting will be maintained for the duration of the set number of days or until the “**SET**” button is pressed again.

1.

Press and hold the “” button for 5 seconds.

2.

Press and hold the “” button again for 5 seconds.

3.

Press the “” or “” buttons to set the desired days between 1d and 99d.

4.

Press the “**SET**” button to confirm the changes.

5.

Press the “” or “” button to select the desired temperature.

The display alternately shows the current time and the number of days remaining in Holiday timed mode.

KEYBOARD LOCK FUNCTION

Press and hold the “**PRG**” button for 5 seconds to activate the keypad lock function. The “**LOC**” message is displayed for 3 seconds, and the lock icon “” appears on the display. Once activated, all buttons are locked and cannot be operated.

Press and hold the “**PRG**” button for an additional 5 seconds to unlock the buttons. The “**UNLO**” message will be displayed on the screen, indicating that the keypad lock has been deactivated.

ADVANCED SETTINGS

In this menu, the parameters related to the device's advanced configuration are displayed in sequence. Press and hold the “**SET**” button for 5 seconds to enter Advanced Mode. Use the “” button to confirm the selected option and move to the next parameter. Use the “” or “” buttons to modify the value of the selected parameter.

Wi-Fi setup and APP control
To start the Wi-Fi configuration procedure (see also Application Description):

1.

Press and hold the “” button for 5 seconds. The display shows the messages “**COFI**” and “**EZ**”

Open the app on your smartphone and follow the guided setup procedure to connect the device to the Internet.

Operating Mode

Set:

 - **HEAT** if the device is connected to a heating system (winter operation).
 - **COOL** if the device is connected to an air conditioning system (summer operation).

Factory setting: HEAT (heating).

Temperature differential

Allowed values: 0.2 °C ÷ 2 °C
Factory value: 0.2 °C

(Example: with a set temperature of 20.0 °C and a differential of 0.3 °C, the heating is activated when the room temperature is less than or equal to 19.7 °C. Conversely, when the room temperature is greater than or equal to 20.3 °C, the heating is deactivated.)

Temperature Compensation

Under specific installation conditions, the temperature measured by the device may differ from the average room temperature. In this case, apply a temperature compensation (offset).

Allowed values: -3°C ÷ 3°C (incrementi di 0.5 °C)
Factory value: 0 °C

Note: The temperature value shown on the display during normal operation includes any offset

Automatic Clock Synchronization

If the device is correctly connected to the Internet, the date and time are synchronized automatically. In specific installation conditions, synchronization can be disabled and the date and time can be configured manually

Allowed values: ON – OFF
Factory value: ON

Firmware Version

Displays the firmware version currently installed on the product.

Reset

Allows the device to be restored to its factory default settings (see Device Reset).

Device Reset

Reset the device to clear all settings and restore the factory default configuration (Wi-Fi network connection settings are retained in the device memory).

To perform a reset:

1.

Press and hold the “**SET**” button for 5 seconds to access the operation settings screen.

2.

Press the “” button repeatedly until “**reSE**” is displayed.

3.

Press the “**PRG**” button. The “-----” icon will be displayed.

4.

Press the “**PRG**” button again.

The display will then show all segments, indicating that the thermostat has been successfully restored to its factory default settings.