

## USER SHEET

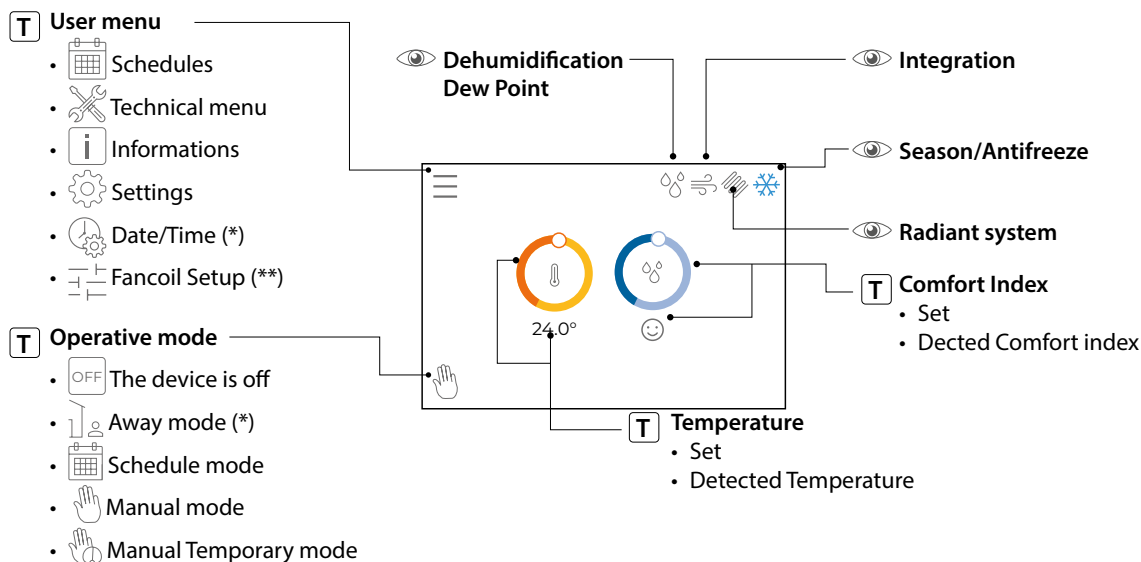


Wall-mounted touch device for detecting and controlling room temperature and humidity (Comfort Index). Designed for the management of the radiant system and connected Air Handling Unit.

Model	Code
CoRe CRONO TH	6600153

### HOME SCREEN

**T** Key  Icon






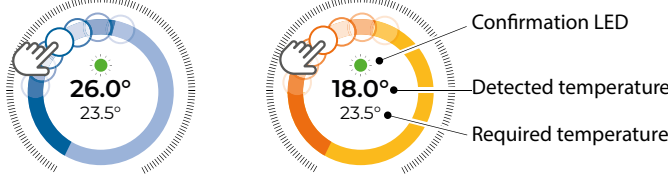


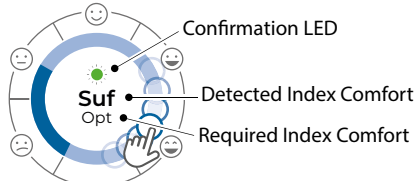


(\*) The icon appears only if the device is NOT connect to CoRe MCT or CoRe Connect.

(\*\*) The icon is only visible if a fan coil is detected in the CoRe system.

### STANDARD FUNCTIONS







From the operative mode "Manual mode", tap on the Set Temperature and set Comfort Index icons and adjust the values to your needs:

Key	Description
<p><b>SET TEMPERATURE</b></p> <p>summer  24 °C</p> <p>winter  24 °C</p>	<p>By clicking on the Temperature icon it's possible to change the value by moving the slider between 16 °C and 28 °C. The setting is confirmed when the green LED light will be flashing 3 times, then the device will automatically return to the Home screen.</p> <p>It is only possible to change the Set Point with the Manual () or Programming () operative modes; in the latter case the Temporary Manual operative mode will be activated () (see page 2 and page 6).</p>  <p>Confirmation LED</p> <p>Detected temperature</p> <p>Required temperature</p>
<p><b>SET COMFORT INDEX</b></p> <p></p>	<p>By clicking on the Comfort Index icon, you can change the Set Point by moving the cursor between MIN and MAX. The setting is confirmed when the green LED light flashing 3 times, then the device automatically returns to the Home screen. It is possible to change the Set Point only when using the Manual operative mode. () .</p>  <p>Confirmation LED</p> <p>Detected Index Comfort</p> <p>Required Index Comfort</p>

# USER SHEET




















## OPERATIVE MODE

At the first switch on, CoRe CRONO TH is set to OFF operative mode. Touch the button and select Programming or Manual operative modes to use the device.

Key	Description
 <b>OPERATIVE MODE</b>	 The device is switched off, but the Anti-Freeze function remains functional.
	 <b>Away mode</b> is active: the system work to the Set Point Temperature and Comfort Index values established in the User Menu Settings.
	 <b>Schedule mode</b> is active: the system works with the activated hourly/daily programs.
	 <b>Manual mode</b> is active: only manually it is possible to change the setting of the Temperature Set Points and the Comfort Index.
	 <b>The Temporary Manual mode</b> is activated only when, in Schedule mode, the Temperature Set Point and its period of operation are changed manually. Once the set time has elapsed, the device automatically returns to previous settings.

## USER MENU



























Options and configurations that can be personalised by the user to adapt the operation of CoRe CRONO TH to their needs.

Key	Description
 Schedules	 Access to settings of hourly/daily programs of the Temperature
	 Access to settings of hourly/daily programs of the Comfort index
	 Technical menu
	 Scan the QR-Code to access the device's web documentation
	 Informations
	<b>Zone Name:</b> device name (assigned with the CoRe Connect app) <b>SW Vers.:</b> software version <b>ID:</b> device's network address <b>Group:</b> grouping of devices when several AHUs or MCTs are present <b>Mode:</b> Operating mode set: 0 = Off / 1= Manual / 2= Schedules / 3=Away <b>Season:</b> 0= Winter / 1= Summer <b>Humidity:</b> detected humidity <b>Dew Point:</b> current dew point value <b>List of connected devices:</b> HUB, TRM, AHU, MCT, PRB, MIO
	 Settings
	<b>Touch Tone:</b> On  Off  <b>Language:</b> IT  / EN  / ESP  <b>Season:</b> Summer  Winter  <b>Standby Auto:</b> automatic screen switch-off for inactivity <b>Standby theme:</b> Auto → light theme active from 10:00 to 17:00 / dark theme active from 17:01 to 9:59 <b>Light</b> → light theme always active <b>Dark</b> → dark theme always active <b>Backlight:</b> screen lighting intensity <b>Standby Backlight:</b> illumination intensity when the screen is switched off for inactivity <b>Set T. Away Summer:</b> set Temperature in Away mode in the Summer season (0,0 to 39,9 °C) <b>Set T. Away Winter:</b> set Temperature in Away mode in the Winter season (0,0 to 39,9 °C) <b>Set I.C. Away Summer:</b> set Comfort Index in Away mode in Summer season (Min to Max / OFF) <b>Set I.C. Away Winter:</b> set Comfort Index in Away mode in Winter season (Min to Max / OFF)
	 Date/Time
	 Fancoil Setup
	<b>Fan Mode:</b> Off → the fan coil is switched off Auto → the fan coil works at the preset settings Man → manual adjustment settings of the fan coil <b>Manual Set:</b> with "Fan Mode -> Man" activated, adjust the ventilation percentage value using the buttons   . Click on the  key to confirm and exit.

# USER SHEET

## TECHNICAL MENU

Settings reserved for the service centre or technician; password-protected access.

Key	Description
 Calibrations	Allows the sensors in the device to be adjusted if abnormal temperature and humidity values are detected
 Advanced Cmd	<b>Forced Relay:</b> On  Off  Forced activation of the heating or cooling system <b>Forced Dehumidification:</b> On  Off  Forced activation of the dehumidification <b>Pairing</b>  : pairing of CoRe CRONO Th to the smartphone to connect it to the app <b>Hard reset</b>  : reset to factory settings, all configurations and programmes will be deleted
 DewPoint	<b>Limit function Dew Point:</b> On  Off  <b>Limit set Dew Point:</b> min. 0,0 °C max 30 °C <b>Limit delay Dew Point:</b> min. 0 minuts max 99 minuts
 Temperature	Allows you to determine in which season to set the Temperature request function or switching on the radiant system and the fan coil: never active  - Winter  - Summer  - Summer/Winter  <b>Temp. Hysteresis:</b> min. 0,1 °C max 1 °C
 Dehumidification	Allows you to determine in which season to set the Dehumidification request function: never active  - Winter  - Summer  - Summer/Winter  <b>Humidity Hysteresis:</b> min. 0,1 g/kg max 3 g/kg
 Integration	Allows you to determine in which season to set the Integration request function: never active  - Winter  - Summer  - Summer/Winter  <b>Integration Delta:</b> min. 0 °C max 9,9 °C

# USER SHEET

## GUIDE TO SCHEDULE MODE

In Schedule mode, the device works with the active programme set. Nine time/daily bands are managed: six can be shared between all devices, and three bands are own for each device. For each band must be defined the days, the programming start and end times, and the Temperature or Comfort Index Set Point.

**To access programming:** User menu → Schedules → Temperature or Comfort Index

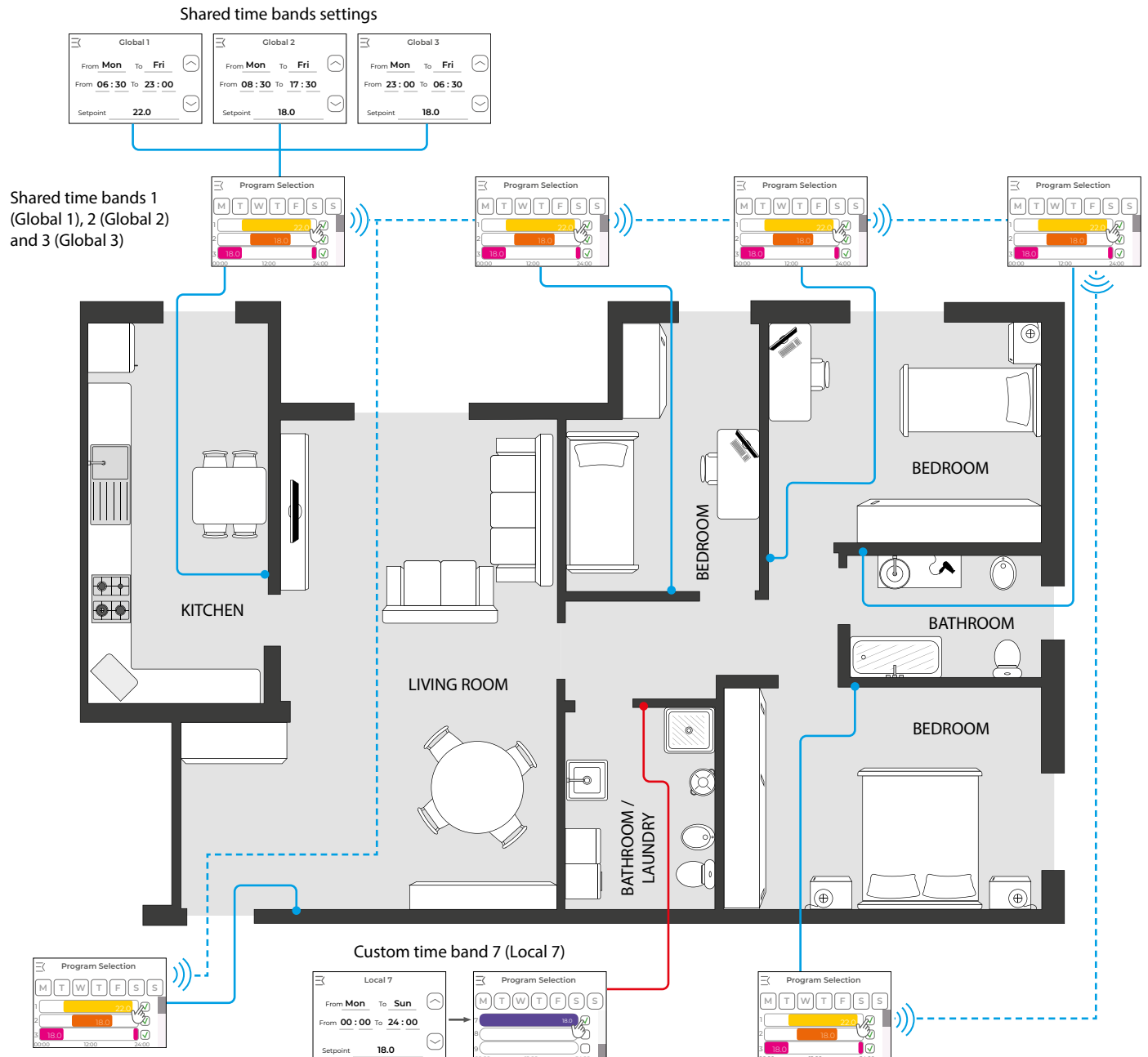
Icons: Schedules, Temperature, Comfort Idx

### PLANNING OF SCHEDULE

Nine time/daily bands are available: the first six (called Global 1, Global 2, Global...6) can be shared between all connected devices, while those from 7 to 9 (called Local 7, Local 8 and Local 9) they can be customised for each device. To use the shared time bands, just define the settings on the first CoRe CRONO Th device, then these will be automatically communicated to the other terminals; now, simply enter in the Schedules menu of each device and do the activation.

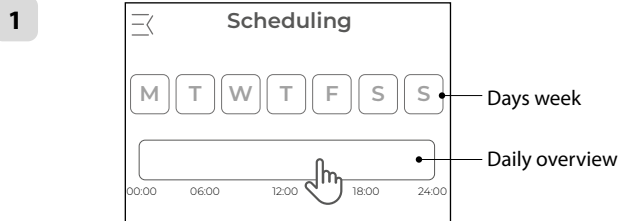
For devices requiring different programming, it will be necessary to use time bands 7, 8 and 9 of each device and define a specific time schedule.

- Time bands are active only when they are enabled with the confirmation check (green tick)**
- If shared time bands (1 to 6) are changed, they are automatically updated on all devices
- The enabling or disabling of all time bands (1 to 9) are independent for each device
- If time overlaps occur between the programmed and active time bands, priority will be given to the band with the highest number (9-8-7...)
- In case no programming is scheduled, Away mode will be temporarily activated and the Temperature and Comfort Index set points established in the User Menu Settings will be operative.

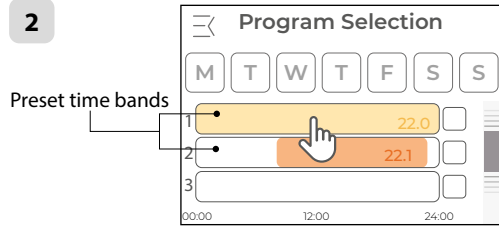


# USER SHEET

## SETTING OF THE SCHEDULE MODE



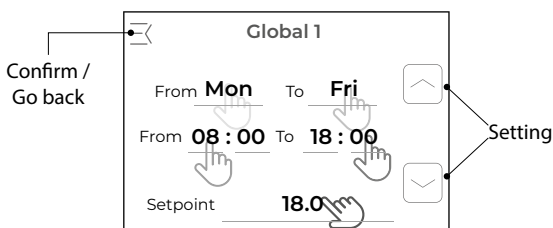
From the main screen it is possible to view the set time-program for each day of the week. By selecting the day, any active time bands will be indicated by different colours in the daily overview below. To access to the Program Selection, click on the band in the daily overview.



The device is supplied with two preset (but not active) time-programs, highlighted in different colours. Click on the first band to access the Programming.

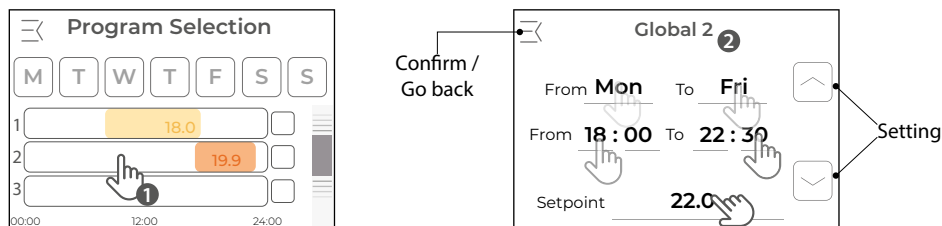
### 3 EXAMPLE OF HOURLY / DAILY SCHEDULES

The diagram below represents an example of scheduling that will be active from Monday to Friday, with a daily time interval from 08:00 to 18:00; during this period, CoRe CRONO TH will maintain the temperature of 18 °C (Set Point).

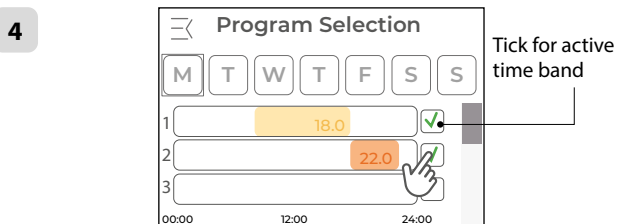


To change the data, first select the value, then use the "Setting" keys to change it. During the change phase, the selected value will be highlighted in grey. After completing the settings, press the key to confirm and return to the previous screen.

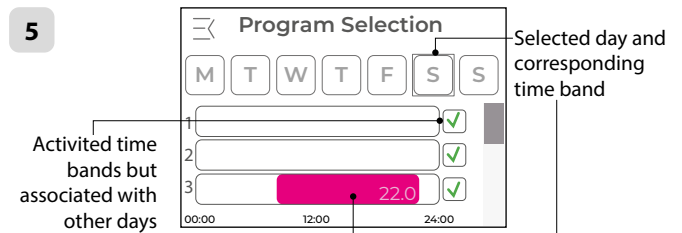
To add another hourly schedule (e.g. for evening hours), tap on time band number 2 (step 1) and enter the new programming (step 2).



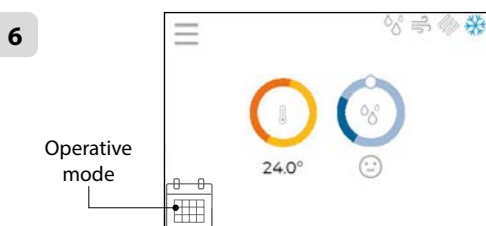
Modify the days, time and Set Point, using the "Settings" keys . Once the settings are complete, press the key to confirm and return to the previous screen. To scheduling other time bands, select the next ones and repeat the operations.



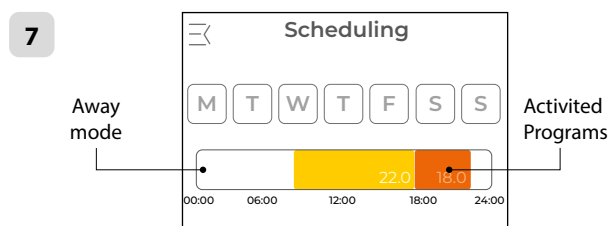
When the scheduling is complete, in the screen of Program Selection, are shown the coloured bands wich representing the time-programs. To activate a time-program, touch the box on the right, and a green tick will be appear. Select the day boxes on the top and for each day a week, it can see the corresponding schedule.



At the end of the operation, all active time bands will be shown. By selecting a day of the week, the associated band will be coloured. The green tick without the coloured band indicates that the scheduling is active on different days than the selected one.



When scheduling of the time bands are complete, return to the Home screen using the key . Enter the operating mode menu and activate Schedules mode by touching the icon .



By accessing the Scheduling screen, for each selected day, it will be possible to view the corresponding active time bands. Each schedules is identified with a different colours for better reading. For time bands not included in the schedules (white), the device will operate in Away mode (see parameters in the User Menu).

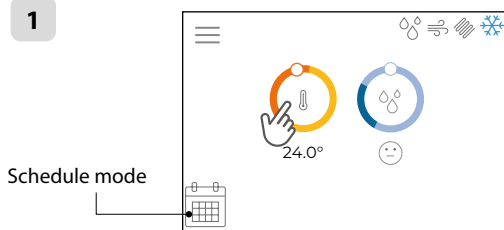
# USER SHEET

## TEMPORARY MANUAL MODE OPERATING

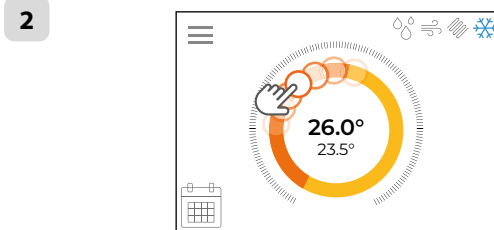
If the device is set in the Schedule operative mode, changing the Set Point directly from the cursor, the Temporary Manual operating mode is activated. With this function it is possible to regulate the temperature with a different Set Point for a pre-set time period, which is different from the time schedule active at that moment.

This mode is regulated by a timer, and at the end of this time, automatically return to the active time schedule.

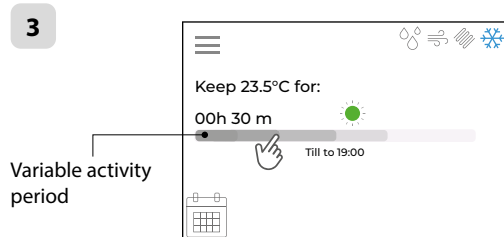
**With this operating mode it is only possible to modify the Set Point of the Temperature; the Set Point of the Comfort Index cannot be modified.**



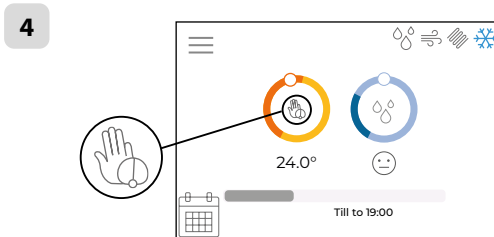
When the Schedule operative mode is active, tap the Temperature icon on the device's Home screen.




Use the cursor to adjust the temperature between 16 °C and 28 °C.



After changing the Set Point of the Temperature, the timer will appear and with the cursor it is possible to set the period for which the new Set Point is to be maintained (max. 7 hours). The setting is confirmed when the green LED light flashes 3 times, after which the device automatically returns to the Home screen.





On the Home screen, the Temporary Manual operative mode can be recognised by the icon . At the bottom, the timer indicates the remaining time and the time when the function will end. When the time expires, the settings from the active schedules will be restored.

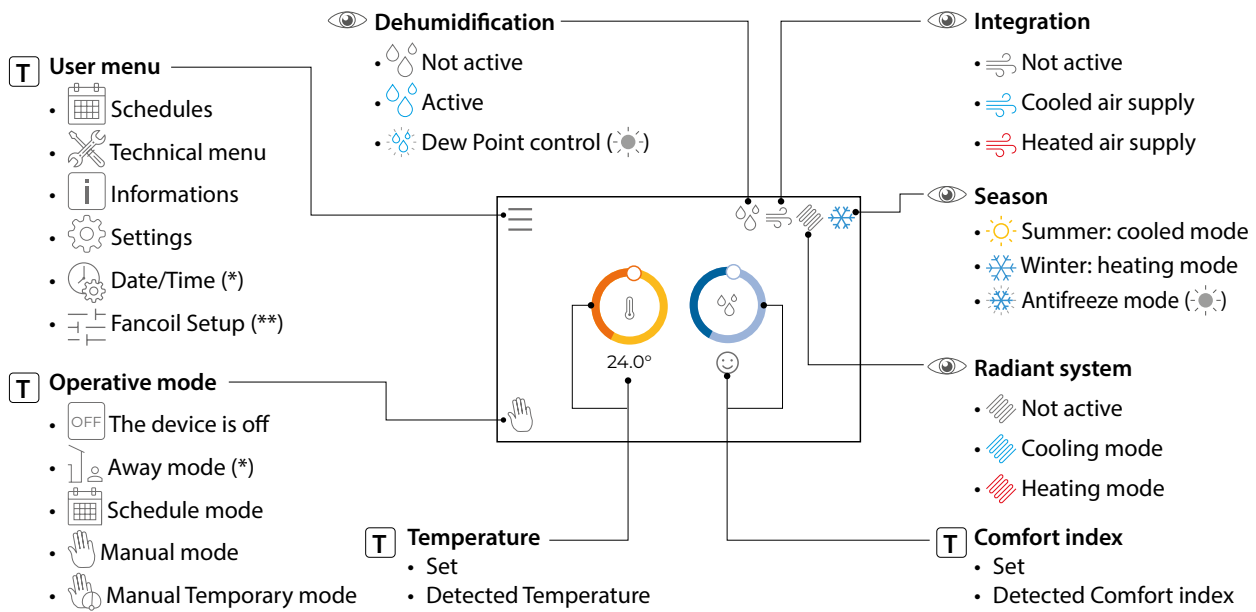


To switch off the Temporary Manual mode, touch on the timer and move the cursor to the back, for reset the remaining time (00h 00m). The setting will be confirmed when the green LED light flashes 3 times, then the device will return to the Home screen, restoring to Schedule operative mode.

# USER SHEET

## GENERAL SUMMARY

**T** Key     Icon     Flashing light



(\*) The icon appears only if the device is NOT connect to CoRe MCT or CoRe Connect.

(\*\*) The icon is only visible if a fan coil is detected in the CoRe system.

---

## USER SHEET

---

This document may be subject to change. Through the QR-Code you can check the latest available update. Manual changes are prohibited.



RDZ S.p.A. 🏠 V.le Trento, 101 - 33077 SACILE (PN) - Italy  
☎ Tel. +39 0434.787511 📠 Fax +39 0434.787522  
✉ info@rdz.it 🌐 www.rdz.it

**FAA0EC002BZ.00 09/2023**

**COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
= ISO 9001 =**

