

“ROOM” THERMOSTAT

Thermostat with temp sensor and 4 outputs

The remote control thermostat is an electronic thermostat equipped with a temperature probe capable of managing the thermoregulation of a climate zone. The Modbus communication to the control unit integrates the panel into a complete thermoregulation system capable of managing all the thermoregulation systems for heating and cooling.

It has 4 output relays of which three are for the fancoil speed and one is for the bypass valve.

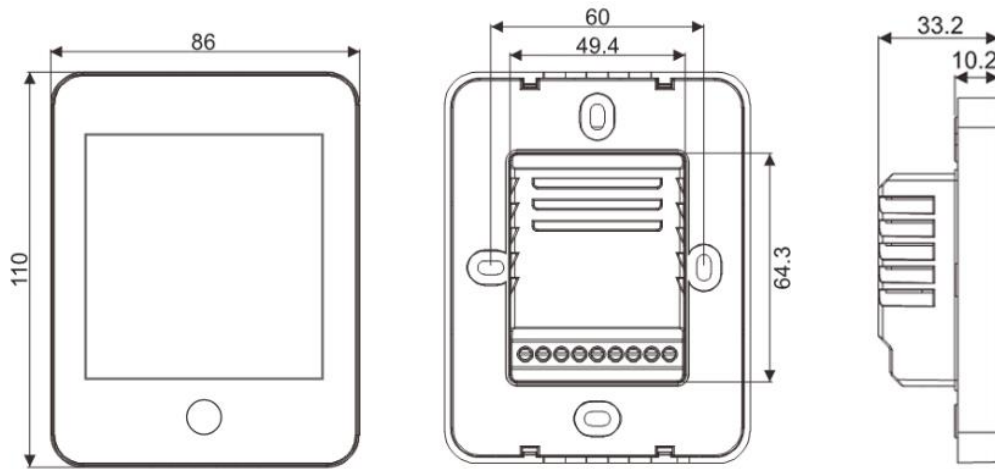
Remote control
via APP



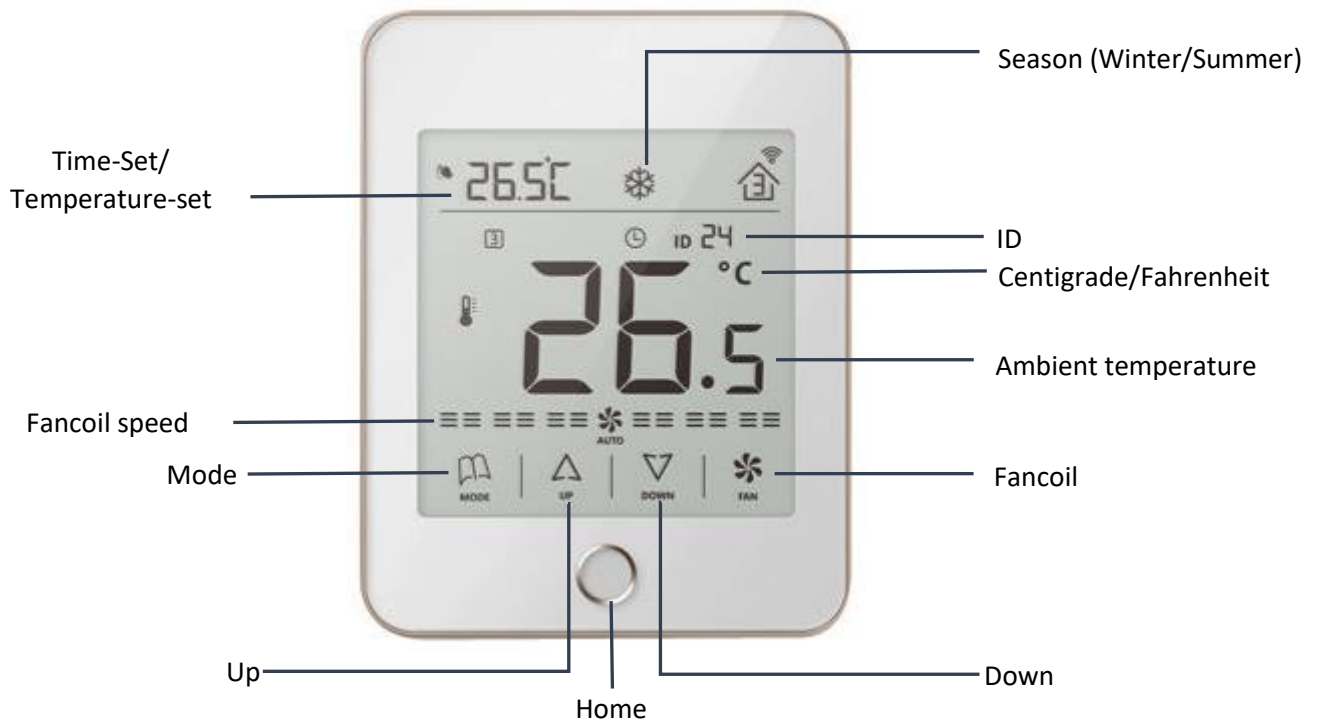
TECHNICAL SPECIFICATIONS

Product code	LCD-503V-TT
Number of zones	1
Summer/Winter modes	Yes
Temperature set points	Yes
Temperature value (measured and set point)	Yes
Humidity value	NO
Fan speed management	Yes
Power	85...240V c.a., 50/60Hz
Measurement range/ Resolution of embedded sensor	10...30°C /+/-1°C
Communication bus	RS485 Modbus RTU
Functional ambient conditions	Temperature 0...50°C, RH<90%
Storage conditions	-20...50°C
Mounting	Wall mounted
Dimensions (LxPxA)	86x110x10,2mm
Protection	IP 20

DIMENSIONS



INSTRUCTIONS





SETTINGS

- Thermostat turn off/on

Press the "Home" button, when the thermostat is off, the display will alternately show "OFF" and the current room temperature. When the thermostat is on, the display will show the set temperature, season, fan speed and room temperature, then you can set the desired temperature, fan speed and other settings. To save energy, the backlight will automatically dim after 15 seconds. Press the "Home" button, the backlight will be on.

- Temperature setting

When the thermostat is on, press  and  to change the temperature set point. Press any other button to save or it will automatically save after 3 seconds.

- Fan speed setting

When the thermostat is on, press  and  to change the fan speed (high / medium / low / automatic).

In cooling mode, when the room temperature exceeds 3 °C the set point value, the fan speed should be automatically set to high. When the room temperature exceeds 2 °C the set point value, the fan speed is automatically switched to half. In addition to the above two situations, the fan speed is low.

In heating mode, when the room temperature drops 3 °C below the set point, the fan speed should be automatically switched to high.

When the room temperature drops 2 °C below the set point, the fan speed should be automatically switched to half, in addition to two situations, the fan speed is low.

- Display lock

With the thermostat on or off, press  and  for 5 seconds until the icon  appears or disappears to lock or unlock the screen. When the thermostat is locked, you can still press the "HOME" button to turn on/off.

- Advanced settings

Number	Description	Interval	Preset
01	Temperature Offset	-9°C ~ 9°C	0
02	Display light	ON/OFF	ON
03	Active synchronization	ON/OFF	ON
04	Low temp protection	5°C ~ 21°C / 41°F ~ 70°F	OFF
05	Memory	ON/OFF	OFF
06	Fahrenheit/Centigrade	°C/°F	°C
07			
08	Max set temp	10°C ~ 30°C / 50°F ~ 86°F	30°C/86°F
09	Min set temp	10°C ~ 30°C / 50°F ~ 86°F	10°C/50°F
15	ID set	01 ~ 128	01