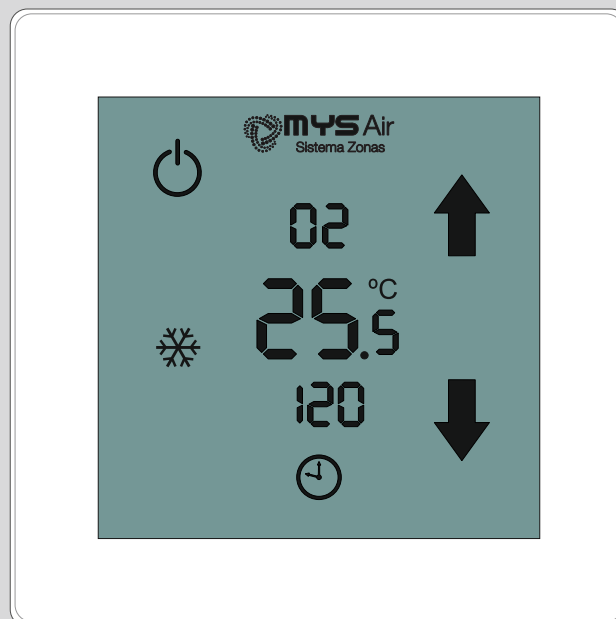




USER MANUAL

ROMA



Before using the thermostat, please read these instructions carefully. After reading the instructions, keep this user manual in a safe place and handy for future reference.



WARNING

- The system and thermostat must be installed by qualified and authorized personnel.
- Thermostats and Control Units do not contain parts that can be repaired by the user. For repairs, always consult authorized service personnel.
- Make sure that the place where you are going to install the system components or fix the thermostat support can support the weight
- You must install thermostats and control units with their specific power supply.
- In the event of a malfunction, burning smell, etc..., immediately stop the system, turn off the switch and consult authorized service personnel



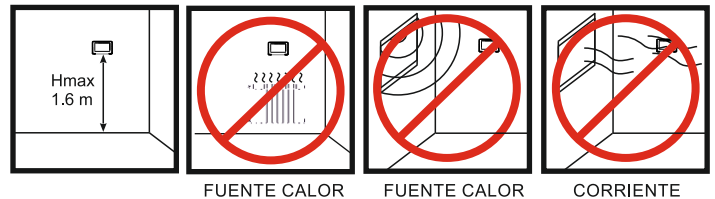
CAUTION

- Do not use flammable gases near thermostats or system components.
- Do not spill water or any type of liquid inside the thermostats or control units.
- Do not handle thermostats with wet hands.
- Do not install the thermostats or control units in places where they are in contact with combustible gases, machine oil, sulfur gas, etc.
- Do not press the screen of the thermostats with pointed elements.
- Do not pull excessively on the power cables of the thermostat or wiring of the control units.
- Do not use the thermostat or control units for other purposes.
- Do not spray insecticide or other combustible elements on the thermostat or control units.
- Do not clean the thermostat or other system components with benzene, thinners, or other chemicals.
- Do not hit or disassemble the thermostat or other components of the system.

RECOMMENDED WALL LOCATION

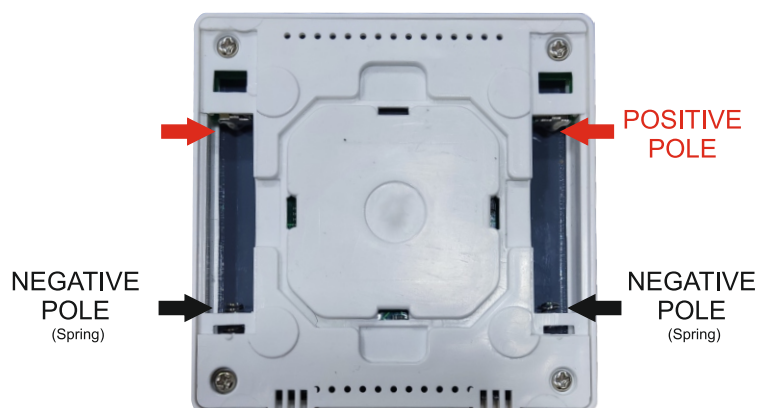
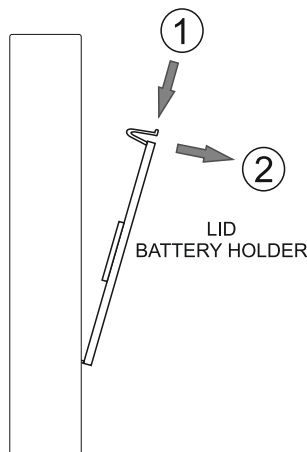
For a correct work of the thermostat, this must be installed taking into account the following recommendations:

- Do not place near a source of heat or cold.
- Do not locate near currents of heat or cold.
- For a better experience, install the thermostat at **MAXIMUM** height of 1.6 meters.



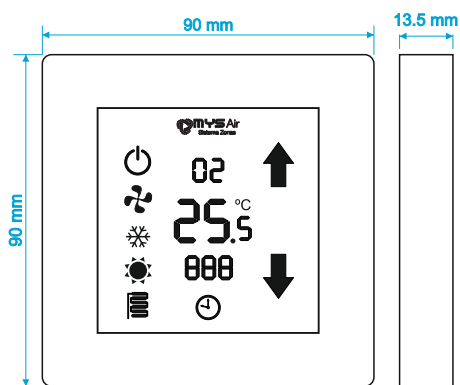
BATTERY INSTALLATION (Only in Radio Thermostats).

- Remove the thermostat from the wall.
- On the back of the thermostat, there are two covers, one on each side of the thermostat. Remove the covers by pressing down on the tab at the top and pulling it out.
- Once the back covers are removed, insert the AAA batteries respecting the polarity.

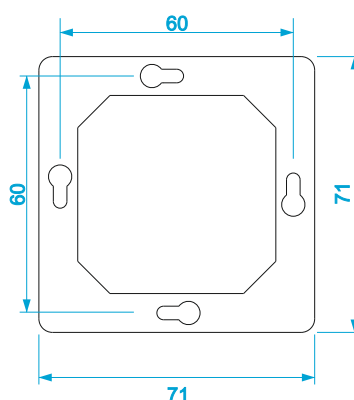


- Digital touch screen.
- Backlit display (programmable lighting time from 1 to 30s.).
- Master mode.
- Screen Lock (only allows turning the thermostat on and off).
- Temperature management and working modes.
- Room temperature reading.
- Manual or automatic management of the ventilation speeds of the air conditioning indoor unit by means of zone dimensions.
- Total stop function for the entire installation. Wired or wireless communication by radio frequency.
- Wall or base fixing available for radio model with 2*AAA batteries.
- Power off timer function (30, 60, 90 and 120min).
- Autostart function (only cable thermostats). After a power outage, the thermostat turns on again in the same state it was in.

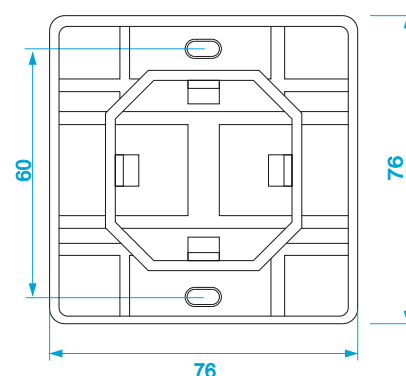
Battery Type	2*AAA
Stand by Consumption	5 µA
Temperatures	
Working range	15°C a 30°C
Stored	-20°C a 85°C
Work temperature	0°C a 70°C



THERMOSTAT

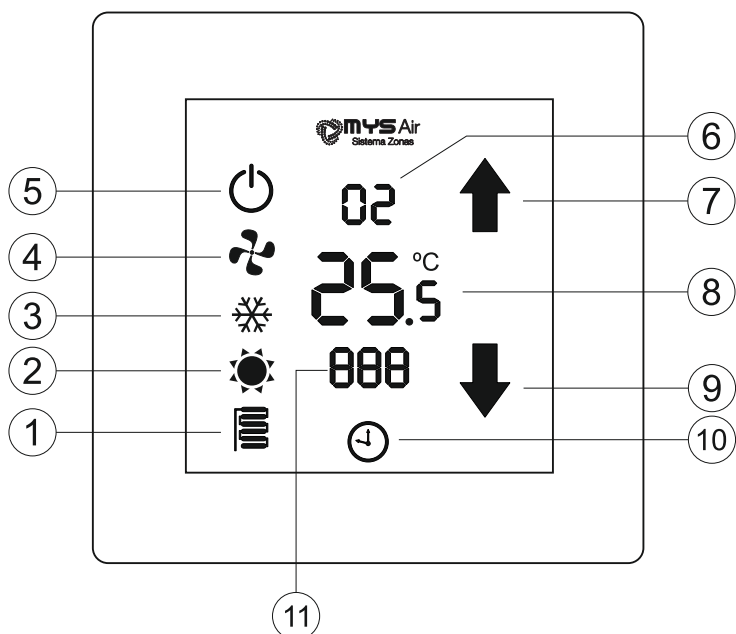


WALL BRACKET
CABLE THERMOSTAT



RADIO THERMOSTAT

MAIN FUNCTIONS



1		Radiant Floor Mode Icon
2		Heat Mode Icon
3		Cool Mode Icon
4		Fan speed mode icon
5		ON/OFF
6		Zone Nº., Communication, Error Indicator Communication and Speed Selector ventilation
7		Increase temperature setpoint
8		Setpoint / Ambient Temperature
9		Decrease setpoint temperature
10		Active timer icon
11		Thermostat off indicator, floor mode in heat or cooling, timing and configuration mode.

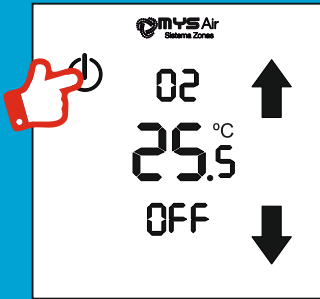



Fig. 1

1 - ON / OFF THERMOSTAT.

On / Off thermostat.

To turn the thermostat on or off, press the  icon that appears on the screen (Fig. 1).

2 - WORK MODES.

The thermostat can have up to 6 working modes depending on whether the installation is only for ventilation or if it has a combined stage for underfloor heating/cooling.



NOTE: *Both the Radiant/Cooling Floor modes independently and the Floor combined with Cold or Heat will only work in installations with a combined heat stage.

3. CHANGE OF WORKING MODE.

To make the change between the COLD and HEAT modes, the entire system must be off (All thermostats off), start a thermostat and in the first few seconds change the work mode. It is recommended to perform a "Total Stop" of the system before making this mode change.

As soon as one of the thermostats is started up (the icon of the last working mode that was active appears on the screen), press on the area of icons of the working modes, until the icon of the desired working mode appears on the screen. and leave a few seconds without touching the screen until the working mode is set (Fig. 2)

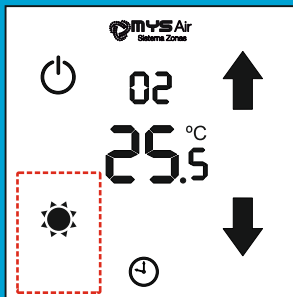



Fig. 2

4. SETPOINT TEMPERATURE CHANGE.

To change the setpoint temperature, with the thermostat on, press anywhere on the screen to wake up the thermostat, press on the  icons to increase or decrease the setpoint temperature (Fig. 3). Click on one or the other of the arrow icons depending on whether you want to increase or decrease the setpoint temperature. With each press, the change in setpoint temperature is reflected on the screen, which increases or decreases in intervals of 0.5°C.

After approximately 5 seconds without touching any button, the room temperature will be marked again and the new setpoint temperature will have been confirmed.

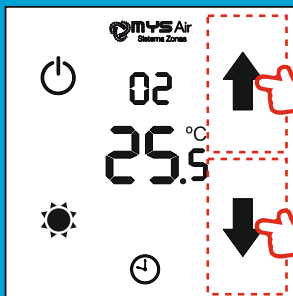



Fig. 3

5. TOTAL SYSTEM STOP.

TOTAL stop of the system.

Function that allows a total stop of the system, turning off all the thermostats, closing any zone that is open and stopping the production equipment.

To carry out the Total Stop, keep the  icon pressed until the text "OFF" flashes on the screen, which means that the system is executing the Total Stop" (Fig. 4).

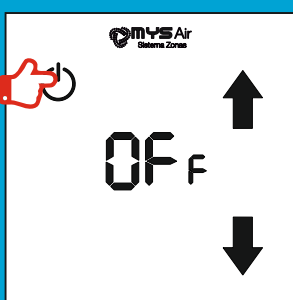


Fig. 4

Release TOTAL stop.

To restart the system after a Total Stop, simply turn on any thermostat in the installation to return to normal operation.

NOTE1: Only the zone thermostat that has been turned on manually will start. The rest of the Zones (Thermostats) must be turned on one by one, since they do not start automatically when the system starts, even if they were on at the time of the TOTAL stop.

NOTE 2: The radio thermostats that were turned on during Total Stop will continue to work even if the motorized element is closed. In order for the radio thermostats to also turn off when executing a total stop, the "Maximum energy saving" must be deactivated (See the thermostat installer manual).

5. TIMER.

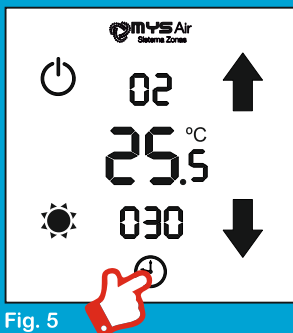


Fig. 5

To activate this timer function, keep the icon pressed until the timing appears on the screen above the clock icon, which by default always starts at 030 (Fig. 5)

The display will show "030", equivalent to 30 minutes. Each press on the icon will increase the timed cycle in 30-minute intervals.

To cancel the timer, keep pressing the icon until the time cycle digits disappear.

NOTE:

After an established timing, if the timed cycle is pressed again on the icon, it will increase again in cycles of 30mins.

6. INDOOR UNIT FAN SPEED ADJUSTMENT.

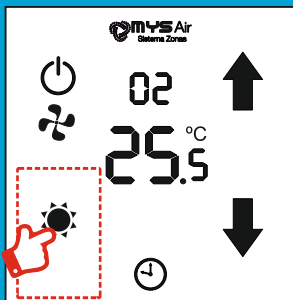


Fig. 6



ATTENTION.
YOU CAN ONLY USE THIS FUNCTION IF THE INSTALLATION HAS A TOTAL CONTROL GATEWAY MODULE AND THE INSTALLER HAS ACTIVATED THIS FUNCTION.

Momentary fan speed setting.

To control the fan speed, press and hold the zone of the screen where the work modes appear (Fig. 6), until the zone number appears in the zone of the screen (Fig. 7). After this text appears, press on the icons to select the desired speed

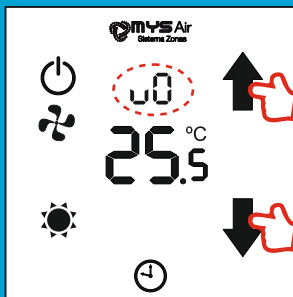


Fig. 7



Vel. Zonal: Speed by normal or by default. Automatic speed set by the control module, according to the calculation by area of open zones.



Low Speed



Medium speed.



High speed

NOTE:

When one of the thermostats in the installation sets a system speed manually, the system rejects the change of speed from any other of the system thermostats while the thermostat that has set the speed stay on or switch back to on the same thermostat.

ROME FUNCTIONS

7. BACKLIGHT THERMOSTAT CONFIGURATION.

You can set how long the screen backlight stays on, but you can't turn it off.

To configure the "Backlight" time, follow the steps below:

- 1) With the thermostat OFF, press and hold the **OFF** icon on the screen (Fig.1) until the display shows "00" flashing and the **CO_n** icon on the bottom of the screen.
- 2) Select "05" with the **↓↑** icons (Fig. 8). Press again on the **CO_n** icon to confirm (Fig.8).
- 3) Select the time in seconds by clicking on the **↓↑** icons and confirm by clicking on the **CO_n** icon again to confirm and exit (Fig. 9).

The time is selectable between 01 and 30 seconds.

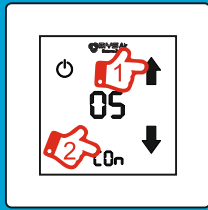


Fig. 8

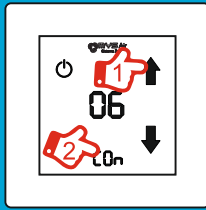


Fig. 9

8. START WIFI SYSTEM CONFIGURATION.

If your system has a Wi-Fi connection module **MS109W** or **MS110WR**, you can start the Wi-Fi configuration process of the modules from the same thermostat without having to physically access the Wi-Fi module MS109W, MS110WR or MS201V.

To start the process, follow these steps:

- 1) With the thermostat OFF, press and hold the **OFF** icon on the screen (Fig.10) until the display shows "00" flashing and the **CO_n** icon on the bottom of the screen.
- 2) To activate the WIFI configuration, select "90" with the **↓↑** icons (Fig.10). Press again on the **CO_n** icon to confirm (Fig.10).
- 3) Select the Code "02" by clicking on the **↓↑** icon and confirm by clicking on the **CO_n** icon again to activate the Wi-Fi configuration of the module and exit (Fig.11).

Once activated, continue the configuration with the MYSAir APP, as indicated in the manual for the MS109W and MS110WR modules.

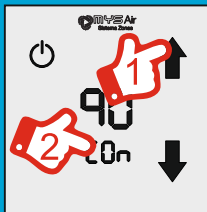


Fig. 10

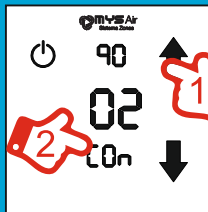


Fig. 11

9. CODES ON THERMOSTAT DISPLAY.

The thermostat display shows information regarding the status.

Description of the codes of the thermostats, whether they are cable or radio:

- E Reception error, No communication with the Switchboard (Radio); (Fig.12).
- Ed Sending Thermostat Data to the Switchboard (Fig. 13).
- OFF Thermostat Off (Fig. 14).
- 00 Closed by slogan (Fig.15).
- 58 Ambient humidity. It can display between 00 and 99% (Fig.16).
- 02 Zone configured in thermostat. It can be configured between zone 01 and 14 (fig. 17). By default, all thermostats leave the factory configured in zone 02 and the installer will change it depending on the zone to be controlled by each thermostat.

Fig. 12

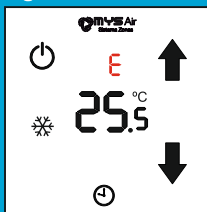


Fig. 13

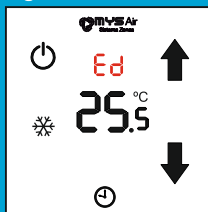


Fig. 14

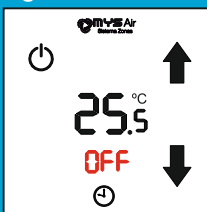


Fig. 15

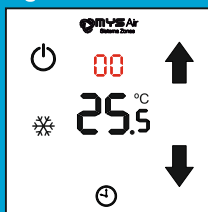


Fig. 16

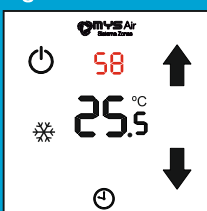
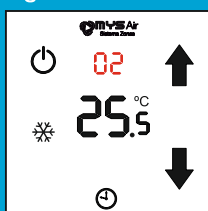


Fig. 17



ROME FUNCTIONS

10. LOCK SCREEN FUNCTION. ONLY ALLOWS TURN OFF AND ON THE THERMOSTAT.

Fig. 18

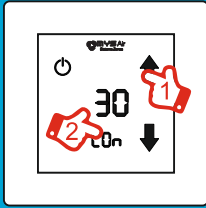
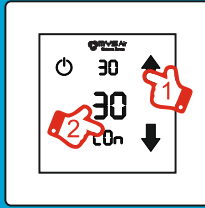


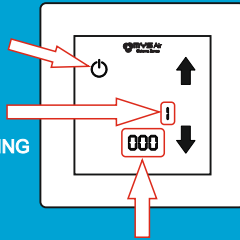
Fig. 19



PRESS TO CONFIRM DIGIT AND GO TO NEXT DIGIT.

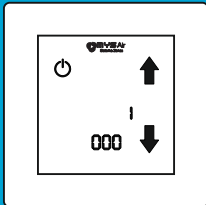
PASSWORD DIGIT POSITION NO. THAT CHANGES BY PRESSING THE ARROW ICONS

Fig. 20



DIGITS PASSWORD UNLOCK

Fig. 21



If you want to block the thermostat so that it can only be turned on and off and you cannot change the setpoint temperature or the working modes, it can be done as follows:

- 1) With the thermostat OFF, press and hold the **OFF** icon on the screen until the display shows "00" flashing and the **Con** icon on the bottom bottom of the screen.
- 2) Select "30" with the **↓↑** buttons and confirm by clicking on the **Con** icon to access "Menu 30" (Fig. 18).
- 3) Use the **↓↑** icons to select the code "30" and press the **Con** icon to confirm and access the lock configuration menu (Fig. 19).

The display shows three digits at the bottom and one digit at the center right. The bottom three digits are the three-digit password to unlock once activated. The digit on the right indicates which of the three password digits is modified by pressing the **↓↑** icons.

Click on the **↓↑** icons to modify the first digit of the password. Press the **⏻** button to confirm and go to the next digit and so on until completing the three digits and after pressing the **⏻** button to confirm the third digit, the password will be saved and the screen lock will be activated (Fig. 20).

When the screen lock is active, the thermostat only allows turning on and off. If any other function is attempted, the enter password screen will appear to unlock the thermostat (Fig 21).

To enter the password, follow the steps described corresponding to figure 37.

With the Arrow icons we change the value of the password and with the on/off button, we validate the value and pass to be able to modify the next value, and so on until the three password values are confirmed.

Once the three values of the password are entered and confirmed, if it is correct, the thermostat will be unlocked until the user configures the lock again as indicated in the first steps of this section.



MYS

**MATERIALES Y SOPORTES
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