EN

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Translation of Original instructions

WLRC20

User manual

REMOTE CONTROL

AERMEC

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Dear customer,Thank you for choosing an Aermec product. It is the fruit of many years of experience and special design studies and has been made of the highest grade materials and with cutting edge technology.In addition, all our products bear the CE mark indicating that they meet the requirements of the European Machine Directive regarding safety. The quality level is being constantly monitored, so Aermec products are synonymous with Safety, Quality and Reliability.The data may undergo modifications considered necessary for the improvement of the product, at any time and without the obligation for any notice thereof.
Thank you again.
Aermec S.p.A.

COMPANY CERTIFICATIONS

SAFETY CERTIFICATIONS

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled disposal of Waste Electrical and Electronic Equipment (WEEE), please return the device using appropriate collection systems, or contact the retailer where the product was purchased. Please contact your local authority for further details. Illegal dumping of the product by the user entails the application of administrative sanctions provided by law.

All specifications are subject to change without prior notice. Although every effort has been made to ensure accuracy, Aermec shall not be held liable for any errors or omissions.

USER NOTICE

— The wired controller is universal.

— By pressing a key for a function that is not available, the unit will not change the operating status.

— Never install the wired controller in the moist circumstance or expose it directly under the sunlight.

— Never beat, throw, and frequently disassemble the wired controller and the wireless remote controller.

— Never operate the wired controller and the wireless remote controller with wet hands.

Please read the manual carefully before using and installing this product.

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2 REMOTE CONTROL

Attention:

— Some of the buttons of the remote control are not used for the required air conditioner and are therefore not described in these instructions. Pressing of these keys will not affect the operation of the air conditioner.
— Check there are no obstructions between the receiver and the remote control.
— The maximum distance between the IR receiver and the remote control is 8 metres, to ensure the signal is correctly received.
— Position the remote control at least 1 metre away from TVs, radios, stereos, etc. There may be some audio and video interference.
— Do not drop or throw the remote control.
— Do not let liquids enter the remote control, and do not leave it in direct sunlight or in hot places.
— When the remote control sends a signal the symbol OPER appears on the display, the receiver of the indoor unit emits a sound to confirm reception of the signal.

2.1 USER INTERFACE (BUTTONS)

Keys available on remote control

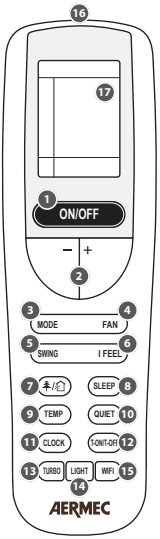


Table of contents	Function of the button
1	Switches indoor unit ON/OFF
2	Increase or Decrease the value of the active function: • Temperature • Time • ON timer • OFF timer
3	Sets the operating mode
4	Sets the fan speed
5	Sets the operation of the vertical motorised air discharge fin (swing function)
6	Activates or deactivates the function iFeel
7	Activates or deactivates the air purifier function (COLD PLASMA) - AIR function not available
8	Activates or deactivates the SLEEP function (this function is applicable to the cooling and heating modes). Once activated this function will control the unit in order to maintain an ideal temperature (this temperature is automatically calculated and cannot be set)
9	Shows on the indoor unit display the temperature setpoint and the room or outdoor air temperature
10	Activates or deactivates the quiet operation
11	Sets the time on the system clock
12	Activates, deactivates or changes the programmed switch on or off timer
13	Activates or deactivates the maximum fan speed (TURBO)
14	Activates or deactivates the display of information of the indoor unit
15	Activates or deactivates the WiFi function
16	IR transmitter
17	Liquid crystal display

2.2 USER INTERFACE (DISPLAY)

Remote control display icons available

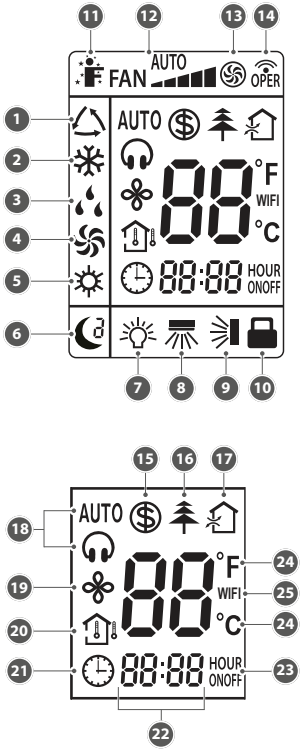


Table of contents	Functions represented by the icons
1	Indicates the AUTOMATIC mode is active
2	Cooling mode
3	Dry mode
4	Indicates the VENTILATION mode is active
5	Heating mode
6	Indicates the SLEEP function is active
7	Indicates the room air and setpoint temperatures are active on the display of the indoor unit
8	FUNCTION NOT AVAILABLE
9	Indicates the state of the SWING function (vertical)
10	Indicates that all the buttons of the remote control are locked
11	Indicates whether the function is active iFEEL
12	Indicates the current fan setting
13	Indicates the TURBO function is active (the fan speed is forced by this function)
14	Indicates the setting has been transmitted to the receiver located on the indoor unit
15	Indicates that the anti-freeze function is activated (set temperature 8°C)
16	Indicates that the air purifier function was activated (Cold Plasma)
17	FUNCTION NOT AVAILABLE
18	Indicates that the "QUIET" or "AUTO QUIET" quiet operation was activated
19	Indicates the extended ventilation function X-FAN is active (only in cooling or dehumidification)
20	Indicates which temperature is shown on the display of the indoor unit (internal temperature or setpoint temperature)
21	Indicates that the figures displayed next to the icon represent the current system time
22	Indicates the system time, or the start and switch off timer
23	Indicates if a timer is set for starting or for switching off
24	Indicates the unit of measurement for the temperature setpoints (°C or °F)
25	Indicates the WiFi function is active

3 FUNCTIONS AVAILABLE THROUGH THE REMOTE CONTROL

3.1 SWITCHING THE INDOOR UNIT ON AND OFF

By pressing the ON/OFF button it is possible to switch the unit on or off. When off some information is still displayed on the remote control: the operating setpoint of the last operating mode used, and switch on timers programmed (ON) and any icons tied to the function active during the last switch on of the unit (enabling the display of the indoor unit, etc.) Once switched on the unit uses the settings selected during the last operating session

Switches the unit on or off

3.2 SETTING THE OPERATING SETPOINT

All the operating modes (except the automatic one) require an room air temperature value to control to: this is called the operating setpoint.

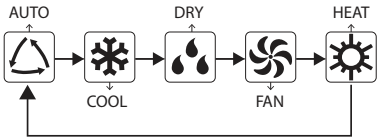
Operating setpoint

If the unit is on (and the automatic mode is not selected), pressing the + and - buttons allows decreasing or increasing the operating setpoint. The setpoint value is displayed in the central part of the remote control's display.

3.3 SELECTING AN OPERATING MODE

Sets the operating mode

If the unit is on, pressing the MODE button allows passing from one operating mode to the next, in this sequence:

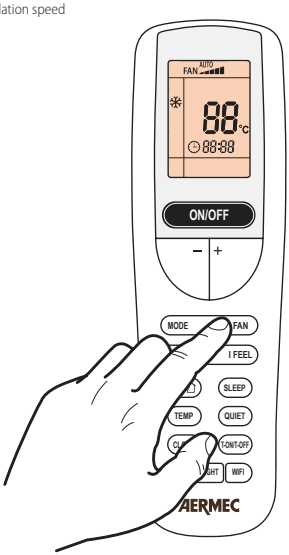


The various operating modes have different features and ranges:

- **AUTOMATIC mode (AUTO)**: in this mode, the remote control does not display any set-point value and the fans speed is set to AUTO;
- **COOLING mode (COOL)**: in this mode the user must set the operating set-point and a fan speed; if the room temperature is higher than the set value, which can be seen on the display, the air conditioner will continue to cool the air until the room temperature will reach the setpoint value;
- **DEHUMIDIFICATION mode (DRY)**: in this mode the user must set the operating set-point but not the fan speed (which remains fixed at minimum); if the room temperature is higher than the set value, which can be seen on the display, the air conditioner will continue to dehumidify the air until the room temperature will reach the setpoint value;
- **VENTILATION mode (FAN)**: in this mode the user must set only the fan speed. This mode provides no heating or cooling but only uses the internal fan to ventilate the space;
- **HEATING mode (HEAT)**: in this mode the user must set the operating set-point and a fan speed; if the room temperature is lower than the set value, which can be seen on the display, the air conditioner will continue to heat the air until the room temperature will reach the setpoint value.

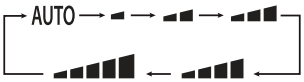
3.4 SETTING THE VENTILATION SPEED

Setting the ventilation speed



Press the button FAN to modify the fan speed. In the DRY mode operation (dehumidification), the fan will automatically change to the minimum speed..

Pressing the FAN button, If the unit is on (and the automatic or dehumidification modes are not selected), allows the selection of the fan speed. Pressing the button allows changing the fan speeds as shown in the icons below, in the following sequence:



AUTO	AUTOMATIC Speed
	MINIMUM speed
	LOW speed
	MEDIUM Speed
	HIGH speed
	MAXIMUM speed

■ *NOTE: In addition to the standard speeds, another two ventilation speeds are available:*

— **AUTO**: ventilation speed that selects autonomously the most suitable speed depending on the room temperature;
— **TURBO**: ventilation mode that adds further speed to the maximum one.

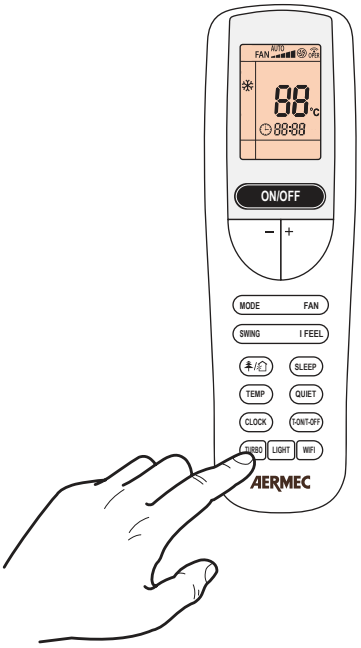
3.5 ACTIVATING / DEACTIVATING THE TURBO FUNCTION

Press the button TURBO to activate or deactivate the turbo function, ventilation at maximum speed.

The symbol on the display shows that the function is active. This function is available only for the COOL and HEAT modes.
The TURBO option makes it possible to reach the set temperature as quickly as possible. It is possible to deactivate it:

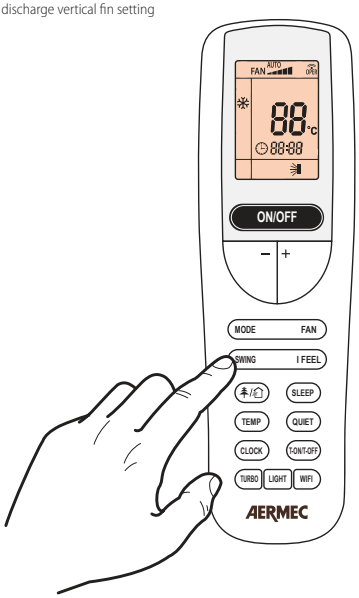
— by pressing the button TURBO
— by changing the operation mode
— by changing the ventilation speed

Setting the TURBO function

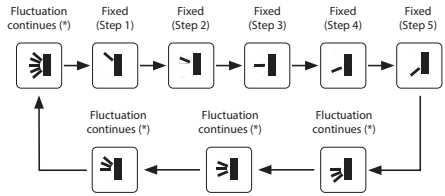


3.6 SETTING THE MOTORISED VERTICAL DISCHARGE FIN (SWING)

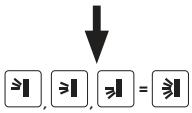
Motorised discharge vertical fin setting



If the unit is on, pressing the SWING button allows the activation of the swing function of the motorised discharge fin. This fin varies the direction of the flow of air into the ambient, on the basis of the selected position; With the unit on, pressing the button allows the setting of the following sequenced steps, one by one:



(*) Are present in spite of different icons for continuous oscillation, all 4 trigger the same mode: oscillazzione continues from the lowest point to the highest point



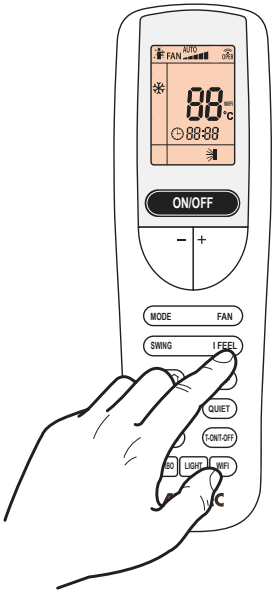
To block the fin in a position during the continuous swing mode, press the button SWING for at least 2 seconds and release it once the fin has reached the desired position.

To remove the block, press again the button SWING.

3.7 SET THE FUNCTION IFEEL

The user holding the remote close can precisely control the climate around him. Press the button I FEEL to activate the IFEEL. The symbol on the display indicates that the function is active IFEEL. The remote control by means of a probe inside it detects the ambient temperature and sends it to the indoor unit. The remote control must be within range of transmission, facing the indoor unit of the air conditioner, do not store in drawers or cover. The remote update reading and send it to the air conditioner every 10 minutes and after each keystroke to any change in settings.

Set the function iFEEL



Note: The function uses the set chose by the user, and guarantees a higher comfort if the remote controller is placed near the user (within the maximum distance of 8 meters). During this function is it recommended to keep the remote away from heating sources that could change the real room temperature reading.

3.8 AIR PURIFIER BUTTON (COLD PLASMA)

Capable of reducing pollutants breaking down their molecules using electric discharges, causing the splitting of the water molecules in the air into positive and negative ions. These ions neutralise the molecules of the gaseous pollutants obtaining products that are normally present in clean air. The device is able to eliminate 90% of the bacteria. The result is clean, ionised air that has no bad odours.

Setting the Air purifier (Cold Plasma) function

Press more times the button to activate the function as described below:

: Air Purifiers (Cold Plasma)

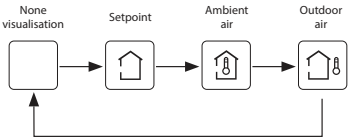
: AIR Function - not available

3.9 DISPLAYING THE ROOM TEMPERATURE OR THE OPERATING SETPOINT (ON THE INDOOR UNIT DISPLAY)

Displaying the room temperature or the operating setpoint (on the indoor unit display)

Through the use of the remote control it is possible to display the room temperature value read by the indoor unit, or display the current operating set-point used by the unit.

To view the desired temperature value, press more times the button TEMP as explained below:



■ *NOTE:*

— The default display on the indoor unit's display is the operating set-point; the room temperature value is displayed for 3 seconds after which the display returns to the operating set-point. To display the room temperature again it is necessary to select the corresponding symbol on the remote control.

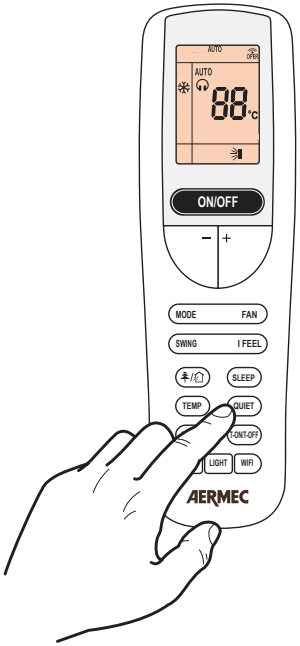
— On some models, the reading of the outside air ( ) is not available; in these cases, the operation setpoint will be displayed again ( ).

3.10 ACTIVATES OR DEACTIVATES THE QUIET OPERATION

Press the button QUIET to activate or deactivate the QUIET function.

When the function is in AUTO QUIET mode, the "" and "AUTO" icons will appear on the display; when the function is in QUIET mode, only the "" icon will appear on the display. If the function is turned off, no icon will be displayed. After turning on the power, QUIET mode is turned off by default.

Set QUIET function



■ *Note: during the QUIET function it is not possible to set the ventilation speed.*

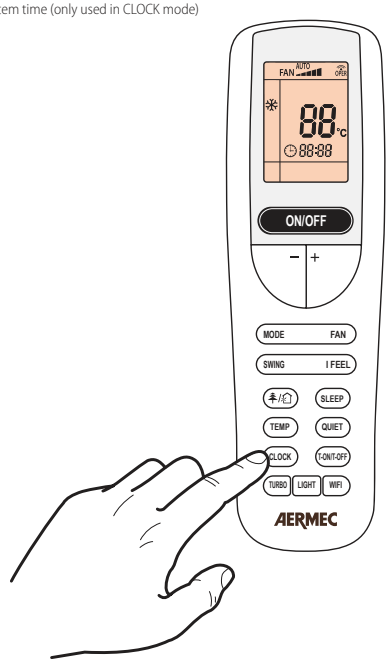
3.11 SETTING A SYSTEM TIME

The remote control is fitted with an internal clock that can display the current time; by pressing the button CLOCK the clock icon will start to flash (this flashing will last 5 seconds, after this if no button is pressed you automatically exit the time modification mode).
At start-up the default time is 12:00.

To adjust the time, press the button CLOCK and within 5 seconds the buttons or to increase or decrease, during the adjustment, the time blinks.
If the buttons + or - are pressed for more than 2 seconds, the value of the minutes increases or decreases by 10 minutes each 0.5 seconds.

At the end of the operation, press again CLOCK to confirm the set time.

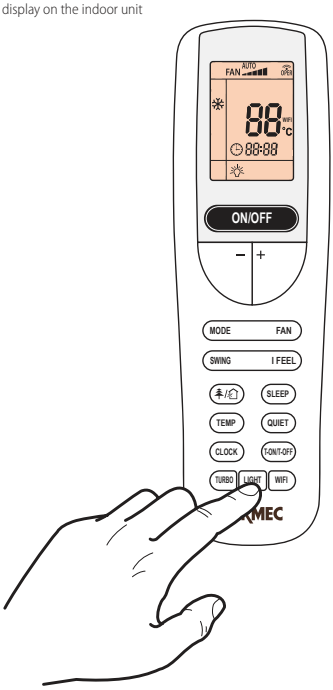
Set system time (only used in CLOCK mode)



3.12 ACTIVATING / DEACTIVATING THE INDOOR UNIT'S DISPLAY

The display on the indoor unit must be activated using the remote control; to activate the display of information on the front panel of the indoor unit press the button LIGHT on the remote control. The display will show the symbol that indicates the activation of the display on the indoor unit; Pressing the button again deactivates the display.

Enabling the display on the indoor unit



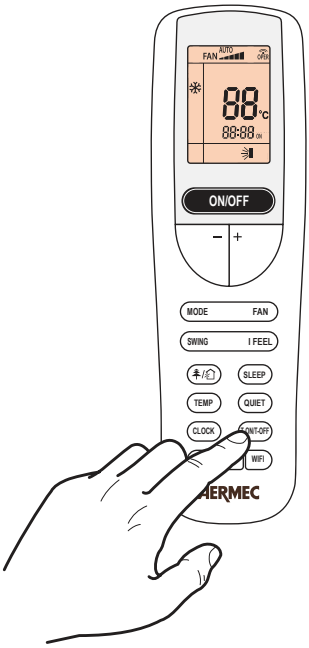
3.13 SETTING OR CANCELLING A PROGRAMMED SWITCH ON (TIMER ON)

Attention: This button has two different functions that are activated by pressing on the left and on the right side.

he units possess a timer used to program switching on by specifying the time that you want the unit to start. By pressing the T-ON/T-OFF, on the left side, key you enter the time programming mode (in this mode the "ON" icon to the right of the time flashes) and by pressing the keys + and - it is possible to set the switch on time; Pressing the T-ON/T-OFF button, on the left side, again confirms the time and activates the timer programme.

If you want to cancel a programmed switch on, just press the T-ON/T-OFF, on the left side, key to cancel the previous programming.

Setting a programmed switch on



■ *NOTE: Once a programmed switch on is set, the operating mode, the working set-point and fan speed, will be the same as those present when the unit stops.*

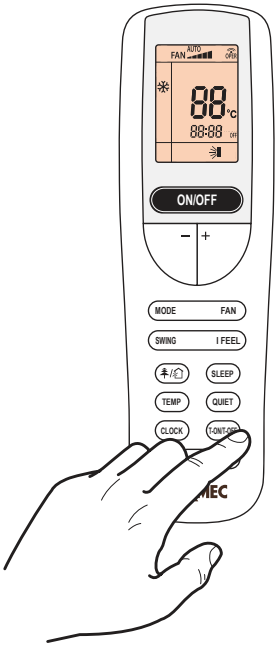
3.14 SETTING OR CANCELLING A PROGRAMMED SWITCH OFF (TIMER OFF)

Attention: This button has two different functions that are activated by pressing on the left and on the right side.

he units possess a timer used to program switching off by specifying the time that you want the unit to deactivate. If the unit is switched off (and no other programmed switch off times are present), by pressing the T-ON/T-OFF key, on the right side, you enter the time programming mode (in this mode the "OFF" icon to the right of the time flashes) and by pressing the keys + and - it is possible to set the switch off time; Pressing the T-ON/T-OFF key, on the right side, again confirms the time and activates the timer programme.

If you want to cancel a programmed switch off, just press the T-ON/T-OFF key, on the right side, to cancel the previous programming.

Setting a programmed deactivation



ATTENTION: The units can simultaneously manage an ignition timer and one-off, so as to provide a time slot within which allow operation of the unit.

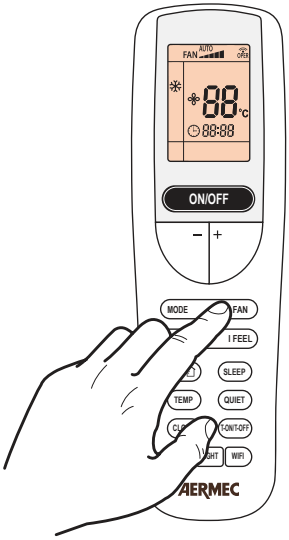
3.15 ACTIVATING / DEACTIVATING THE EXTENDED VENTILATION (X-FAN)

During the operation in cooling or dehumidification mode the condensate caused by the humidity in the air is formed on the heat exchanger within the unit. This function allows the ventilation to be extended after the unit is switched off, thereby drying the heat exchanger.

If the unit is on (and the cooling or dehumidification mode is selected), pressing the FAN for at least 2 seconds, allows activating or deactivating of this function.

On the remote control the display the icon will appear or disappear to indicate if the function is activated or deactivated.

Setting the extended ventilation function

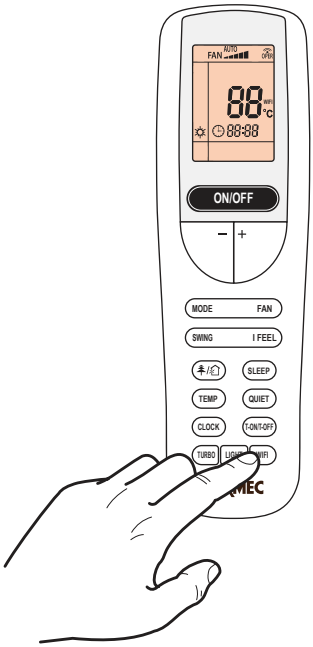


NOTE: the X-FAN function will remain active even after the unit has been switched off via the remote control. The icon will remain visible on the display to indicate that the function is active.

3.16 ACTIVATE OR DEACTIVATE THE WIFI FUNCTION

Press the button WIFI to activate or deactivate the WIFI device installed on the indoor unit. The (WIFI) symbol on the display indicates that the device is active.

Activate or deactivate the WIFI function



WiFi reset

To reset the WIFI device with the factory values, while the unit is OFF, press at the same time (for at least one second) the buttons MODE and WIFI.

EWPE Smart

Please scan the QR code or search "EWPE" in the application market to download and install it.

After scanning the QR code, accept the invitation to open the application or the Internet page of your store and download the App.
When "EWPE" App is installed, register the account and add the device to achieve long-distance control and LAN control of smart home appliances. APP can only set some common functions of remote controller: ON/OFF, mode, set temperature, FAN speed, etc.

When using the APP for the first time, please reset the WiFi function.
Once the WiFi has been reset, add your device in the EWPE App.

Note:

1. If the device is offline or router's name and password have been changed, please reset WiFi and add the device again.
2. WiFi networking performance is related to the distance between the indoor unit and the router and the obstacles between them. During the installation process, the distance between the wired controller and the router should be as close as possible, and the obstacles should be as little as possible. If the WiFi signal is not good, use the WiFi signal enhanced router.
3. For more information, please refer to "Help" in App.

Please scan the QR code to download the EWPE manual

Italian:

http://www.aermec.com/qrcode.asp?q=15587

English:

http://www.aermec.com/qrcode.asp?q=15588

French:

http://www.aermec.com/qrcode.asp?q=15589

German:

http://www.aermec.com/qrcode.asp?q=15590

Spanish:

http://www.aermec.com/qrcode.asp?q=15591

3.17 ACTIVATE / DEACTIVATE THE NIGHT WELLNESS (SLEEP) FUNCTION

The night-time comfort function controls the air conditioner in an optimal way during the night. The following logic is applied:

— **In cooling or dehumidification**: the temperature setpoint is gradually increased to guarantee maximum comfort combined with energy saving;
— **In heating**: the temperature setpoint is gradually decreased to guarantee maximum comfort combined with energy saving;

If the unit is on (except in automatic or ventilation mode) pressing the SLEEP activates or deactivates the night time health function.

If the function is active the icon is displayed on the remote control.

Night-time comfort SLEEP function 1

It can only be selected in the cooling mode and heating modes.

— **In cooling mode**: the temperature increases by 1 °C after one hour, and by 2°C after two hours of operation;
— **In heating**: the temperature decreases by 1 °C after one hour, and by 2°C after two hours of operation;

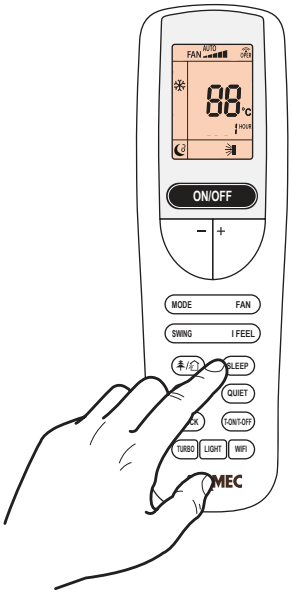
Night-time comfort SLEEP function 2

It can only be selected in the cooling mode and heating modes.
The SLEEP function 2 includes different operating programs depending on the setpoint temperature.

Night-time comfort SLEEP function 3

It can only be selected in the cooling mode and heating modes.
The SLEEP function 3 (DIY) makes it possible to program the room temperature, hour by hour, up to a maximum of 8 hours.

Setting night-time comfort function



After selecting the SLEEP 3 mode , keeping pressed the button TURBO for several seconds, the temperature on the remote control display will start blinking. At this point it is possible to program the desired temperatures as in the example table here (to confirm the temperature and move to the next hour setting, press again the button TURBO):

1 HOUR	Set temperature 18°C
2 HOUR	Set temperature 19°C
3 HOUR	Set temperature 20°C
4 HOUR	Set temperature 21°C
5 HOUR	Set temperature 22°C
6 HOUR	Set temperature 23°C
7 HOUR	Set temperature 24°C
8 HOUR	Set temperature 25°C

■ *NOTE: the night time health function is deactivated by switching off the unit, and on restarting will not be active; this function can be activated at any time.*

3.18 SETTING OR REMOVING THE BUTTON LOCK

Press at the same time the buttons + and - to lock and unlock the keyboard. This function prevents involuntary changes to the settings.

The icon on the remote control's display shows that the keypad of the remote control is locked.

Setting the button lock

3.19 SETTING THE UNIT OF MEASUREMENT

The unit can display the temperature values in °C or in °F. To change the unit of measurement simultaneously press the - and MODE buttons with the unit switched off.
The temperature value on the remote control's display is automatically converted.

Setting the unit of measurement

3.20 ACTIVATE / DEACTIVATE THE ANTIFREEZE

Set the frost protection

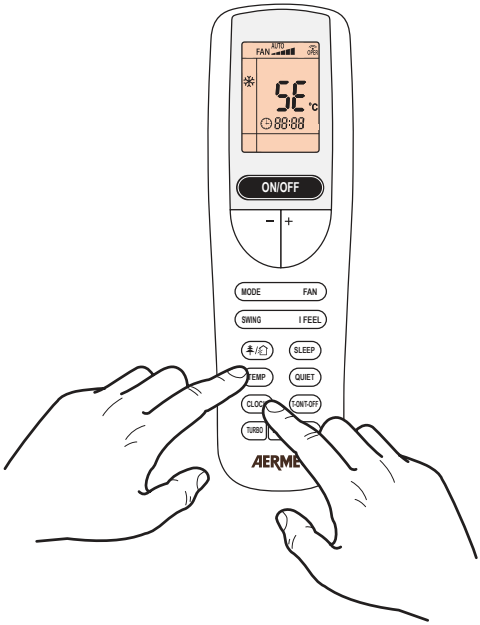
The frost protection function is activated only during the heating mode; this feature allows to maintain a set of hot work equal to 8 ° C, so as to ensure that the ambient temperature does not fall below this threshold.
If the power is on and the heating mode is selected, simultaneously pressing the keys TEMP and CLOCK will activate or deactivate the anti-freeze function.

On the remote control display, the icon $ will appear or disappear to indicate if the function is activated or deactivated and the temperature will automatically be set to 8°C.

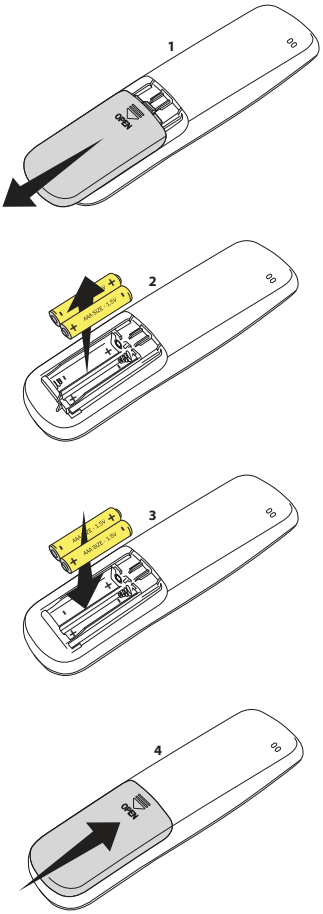
3.21 ACTIVATING / DEACTIVATING THE ENERGY SAVING FUNCTION

The power saving function is activated only during the cooling mode; This function allows you to reach the set temperature with less energy consumption.
If the power is on and the cooling mode is selected, simultaneously pressing the keys TEMP and CLOCK will toggle the energy saving function.
If the function is active on the remote screen icon appears SE.

Set the ENERGY SAVING function active on indoor unit



4 REPLACING THE REMOTE CONTROL'S BATTERIES



To replace the batteries of the infra red remote control proceed as follows:

1. Open the battery cover by sliding it in the direction of the arrow;
2. Remove the old batteries;
3. Insert two new 1.5V alkaline high performance batteries, type LR03 (AAA), taking care that their polarity is correct;
4. Close the battery cover.

■ *NOTE:*

— Remove the batteries if the remote control is not used for extended periods.
— When batteries are replaced use new batteries of the recommended type.
— The remote control can emit a signal up to a maximum distance of 8 metres.
— The unit can be affected by signals transmitted by remote controls for televisions, video recorders, or other devices used in the same room.
— If the remote controller does not operate normally, please take the batteries out and reinsert them after 30 seconds. If it still can't operate properly, replace the batteries.

WARNING: In the event of loss or damage of the remote control the unit can be started and stopped using the manual emergency button (if present on the outdoor unit).

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