SCG

User manual

AERMEC

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

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.

TABLE OF CONTENTS

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.

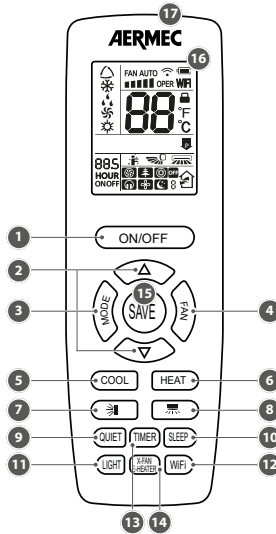### 2.1 USER INTERFACE (BUTTONS)

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	Activates or deactivates cooling mode
6	Activates or deactivates heating mode
7	Sets the operation of the vertical motorised air discharge fin (swing function)
8	Sets the operation of the horizontal motorised air discharge fin (swing function)
9	FUNCTION NOT AVAILABLE
10	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)
11	Activates or deactivates the display of information of the indoor unit
12	Activates or deactivates the WiFi function
13	Activates or deactivates the timer mode
14	Activates or deactivates the X-FAN function (E-HEATER FUNCTION NOT AVAILABLE)
15	Activates or deactivates the energy saving function "SE"
16	Liquid crystal display
17	IR transmitter

2.2 USER INTERFACE (DISPLAY)
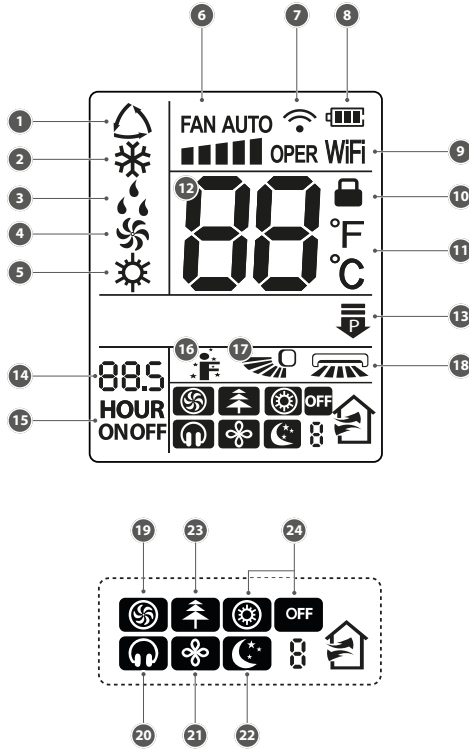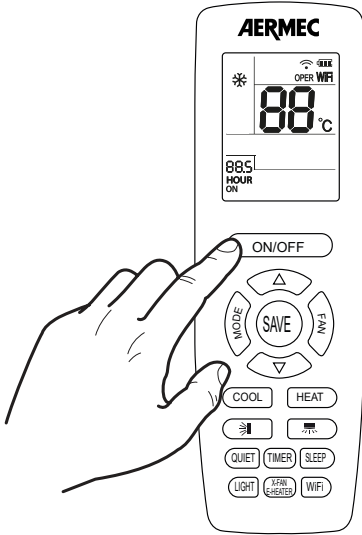
Remote control display icons available

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 current fan setting
7	Indicates the setting has been transmitted to the receiver located on the indoor unit
8	Indicates the battery charge level
9	Indicates the WiFi function is active
10	Indicates that all the buttons of the remote control are locked
11	Indicates the unit of measurement for the temperature setpoints (°C or °F)
12	Indicates the operating setpoint temperature in the various modes
13	Power limiting function (FUNCTION NOT AVAILABLE)
14	Indicates that the figures displayed next to the icon represent the current system time
15	Indicates if a timer is set for starting or for switching off
16	Indicates whether the function is active iFEEL (FUNCTION NOT AVAILABLE)
17	Indicates the state of the SWING function (vertical)
18	Indicates the state of the horizontal SWING function
19	Indicates the TURBO function is active (the fan speed is forced by this function)
20	Indicates that the QUIET quiet operation was activated (FUNCTION NOT AVAILABLE)
21	Indicates the extended ventilation function X-FAN is active (only in cooling or dehumidification)
22	Indicates the SLEEP function is active
23	FUNCTION NOT AVAILABLE
24	FUNCTION NOT AVAILABLE

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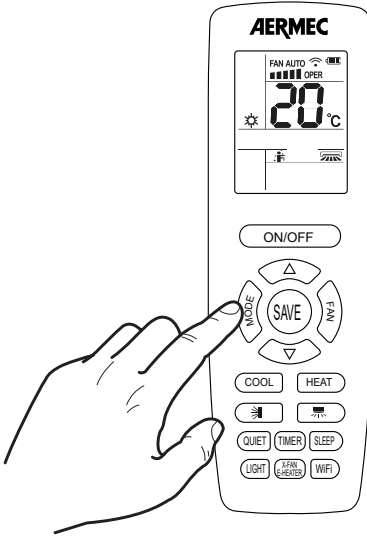
If the unit is on (and the automatic mode is not selected), pressing the △ and ▽ buttons allows decreasing or increasing the operating setpoint. The setpoint value is displayed in the central part of the remote control's display.
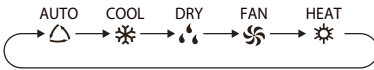
Operating setpoint

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:

AUTO → COOL → DRY → FAN → HEAT

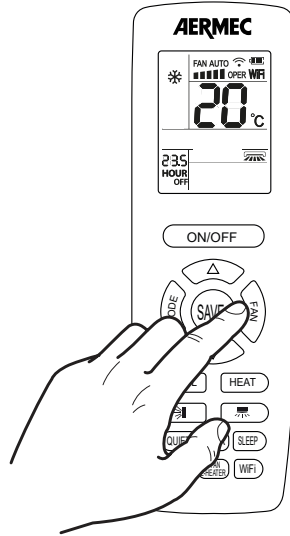■ *COOL, HEAT and FAN modes can also be selected via the dedicated buttons (refer to the specific paragraphs in this manual).*

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.

⚠ **WARNING:** To prevent cold air jets in heating mode, the indoor unit will delay its operation for about 1-5 minutes (the actual delay time will depend on the room temperature measured).

3.4 SETTING THE VENTILATION SPEED

Setting the ventilation 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:
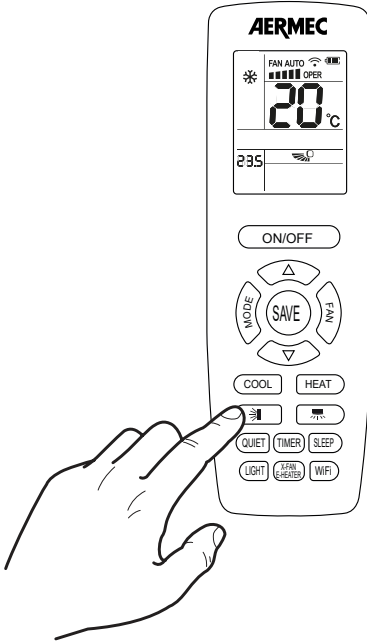

AUTO → ■ → ■■ → ■■■ → 🌀

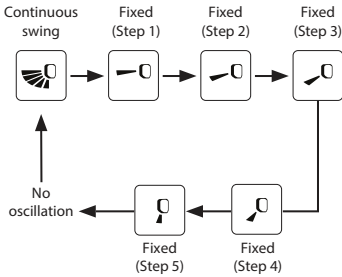| Icons	Meaning
AUTO	Automatic ventilation
■	Minimum speed
■■	Medium speed
■■■	High speed
🌀	Turbo

■ *Note:*

— The Turbo FUNCTION is not available in DRY or AUTO mode.
— Automatically activates QUIET speed when the suspension function starts up.
— The unit works at low speed in DRY and AUTO mode (the speed cannot be adjusted).
— In AUTO mode, the air conditioner will automatically select the appropriate speed on the basis of the room temperature.

3.5 SETTING THE MOTORISED VERTICAL DISCHARGE FIN (SWING)
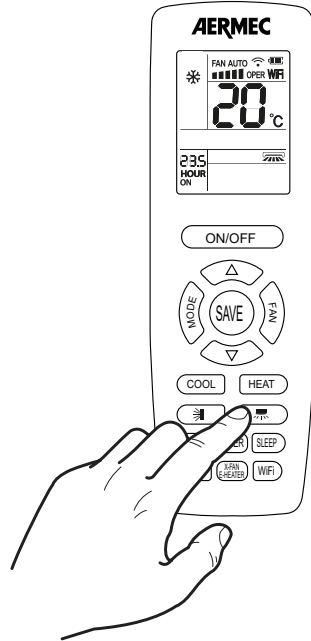
Motorised discharge vertical fin setting

If the unit is on, while pressing the ⌧ button it activates the swing of the motorized supply air fin. The fin allows to change the air flow in the room depending on the set position; When the unit is on, while pressing the buttons △ and ⌧ it's possible to set one by one the following steps:
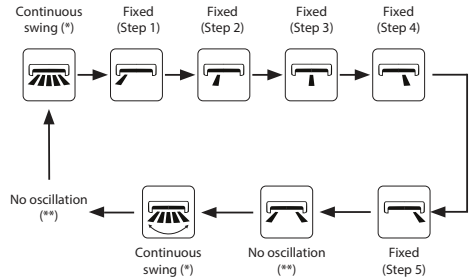

3.6 SETTING THE MOTORISED HORIZONTAL DISCHARGE FIN (SWING)

Motorised discharge horizontal fin setting

If the unit is on, while pressing the ⌧ button it activates the swing of the motorized supply air fin. The fin allows to change the air flow in the room depending on the set position; When the unit is on, while pressing the buttons △ and ⌧ it's possible to set one by one the following steps:
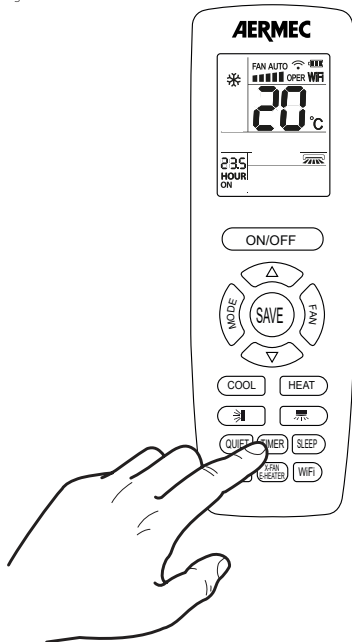

⚠️ **ATTENTION:**

— **(*)**: there are different icons for continuous swing, but all four of them activate the same mode: continuous swing
— **(**)**: although there are various icons that stop the oscillation (fixed position steps), both the steps indicated will deactivate oscillation mode.

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

The units possess a timer used to program switching on by specifying the time that you want the unit to start. By pressing the (TIMER) key you enter the time programming mode (in this mode the "HOUR" and "ON" icons to the right of the time flashes) and by pressing the keys △ and ▽ it is possible to set the switch on time; Pressing the (TIMER) button, for about 2 seconds, the time will move quickly on the display and you will reach the required time faster.

Press (TIMER) again to confirm the time and activate the programming.

If you want to cancel a programmed switch on, just press the (TIMER) key to cancel the previous programming.

Setting a programmed switch on

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

The 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 (TIMER) key you enter the time programming mode (in this mode the "HOUR" and "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 (TIMER) key, for about 2 seconds, the time will move quickly on the display and you will reach the required time faster.

Press (TIMER) again to confirm the time and activate the programming.

If you want to cancel a programmed switch-off, just press (TIMER) again to delete it.
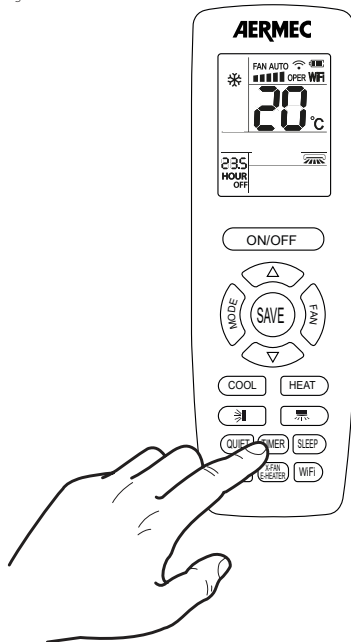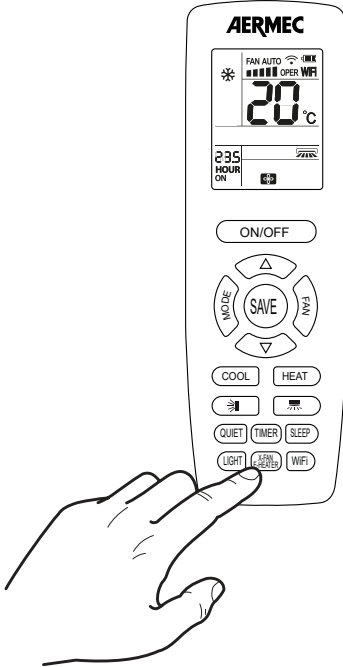
Setting a programmed deactivation

■ *Note:*

— The time setting gap is from 0,5 to 24 hours.
— When making two operations (TIMER ON and TIMER OFF), the time gap between them (with no keys pressed) must not be more than 5 seconds. Otherwise, the programmed ON or OFF operation will be automatically annulled.
— Once a programmed switch on is set, the operating mode, the working setpoint and fan speed, will be the same as those present when the unit stops.

■ *Note:*

— The time setting gap is from 0,5 to 24 hours.
— When making two operations (TIMER ON and TIMER OFF), the time gap between them (with no keys pressed) must not be more than 5 seconds. Otherwise, the programmed ON or OFF operation will be automatically annulled.
— Once a programmed switch on is set, the operating mode, the working setpoint and fan speed, will be the same as those present when the unit stops.

3.9 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 [X-FAN E-HEATER] button 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.

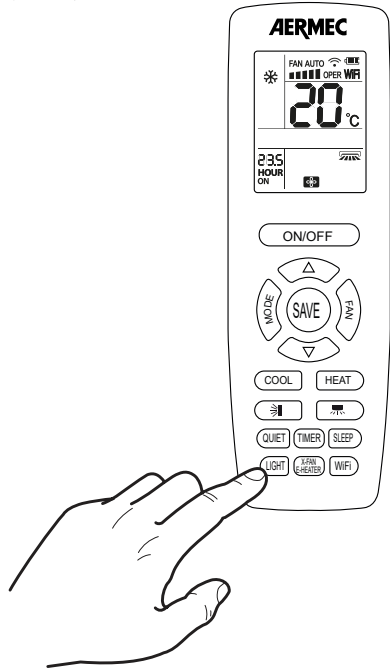Setting the extended ventilation function

3.10 ACTIVATING / DEACTIVATING THE INDOOR UNIT'S DISPLAY

The display on the indoor unit must be activated using the remote control; To activate the display on the front panel of the indoor unit press the [LIGHT] button on the remote control.

Pressing the button again deactivates the display.

Activating the display on board of the indoor unit

■ *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.*

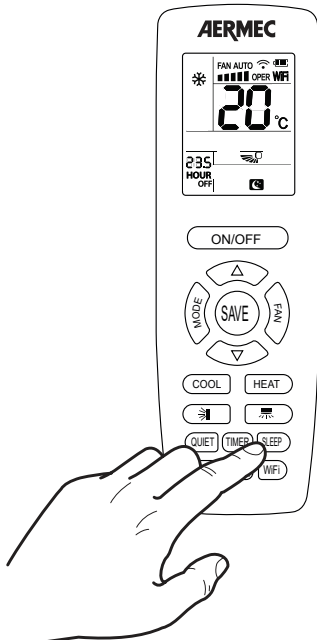## 3.11 ACTIVATE / DEACTIVATE THE NIGHT WELLNESS (SLEEP) FUNCTION

The night-time comfort function controls the unit in an optimal way during the night. The following logic is applied:
— **In cooling**: the temperature setpoint is gradually increased (no more than +3 °C) to guarantee maximum comfort combined with energy saving;
— **In heating**: the temperature setpoint is gradually decreased (no more than -3 °C) 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.

Setting night-time comfort function

■ *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.
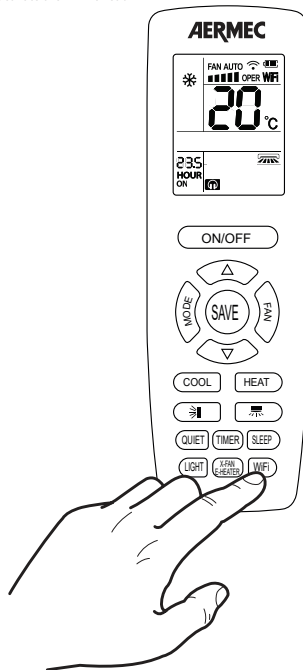— under fan, Dry and Auto modes, this function is not available.

3.12 ACTIVATE OR DEACTIVATE THE WIFI FUNCTION

With the unit switched on, press the (WiFi) button to activate the WiFi device in the indoor unit.
The symbol **WIFI** on the remote control display indicates that the device is active.

To deactivate the WiFi device press the (WiFi) button for at least 5 seconds; the **WIFI** icon will disappear from the remote control display.

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:

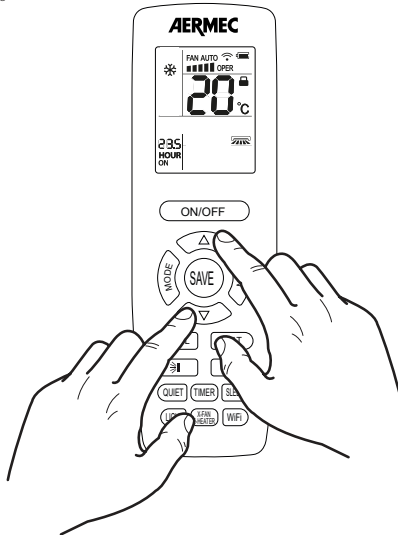
http://www.aermec.com/qrcode.asp?q=15591
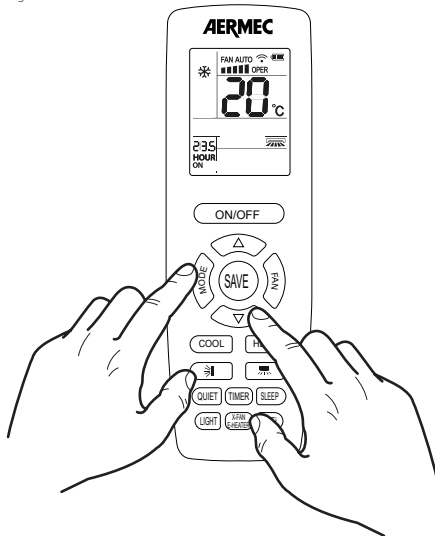
3.13 SETTING OR REMOVING THE BUTTON LOCK

To lock or remove the lock of the buttons on the remote control, press the and buttons simultaneously. The icon on the remote control's display shows that the keypad of the remote control is locked.
This function prevents any accidental changes to the settings.

Setting the button lock

3.14 SETTING THE UNIT OF MEASUREMENT

Setting the unit of measurement

With the machine off, pressing the buttons and you can change the unit of temperature displayed on the remote control, from ° C to ° F.
The temperature value on the two displays will be immediately converted.
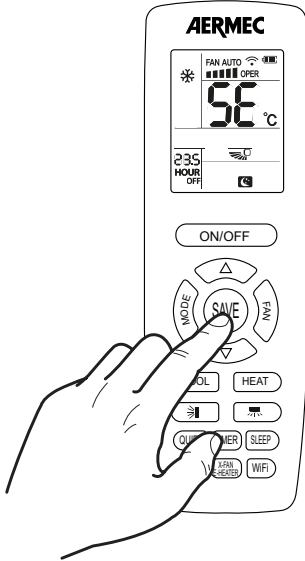
3.15 ACTIVATE / DEACTIVATE THE ENERGY SAVING

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, pressing the SAVE key will toggle the energy saving function.
If the function is active on the remote screen icon appears SE.
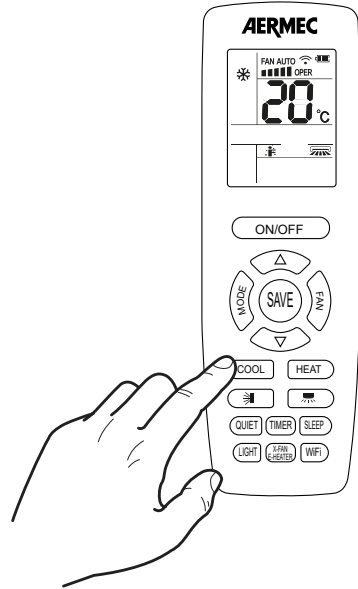
Set the ENERGY SAVING function active on indoor unit

◼ NOTE: In ENERGY SAVING mode, the fan speed (set on AUTO) and set temperature cannot be altered.

3.16 COOLING MODE (COOL)
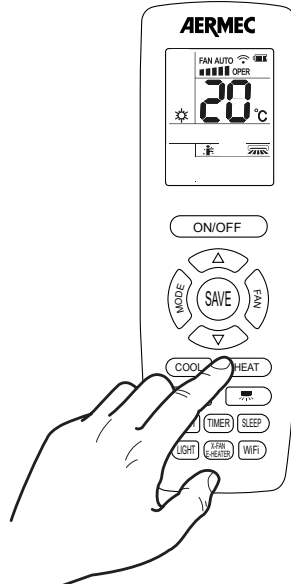
Press COOL to activate cooling mode directly.

Set the cooling mode

3.17 HEATING MODE (HEAT)

Press HEAT to activate heating mode directly.

Set the heating mode
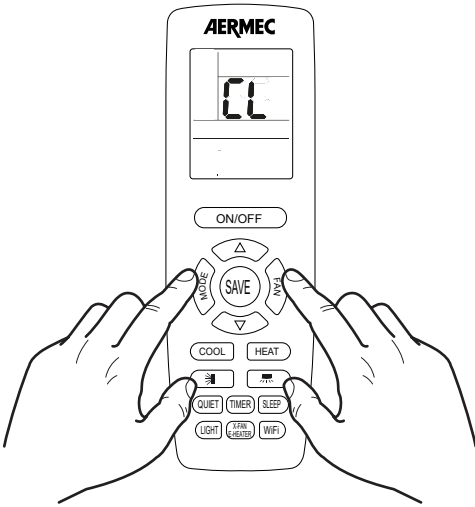
3.18 ACTIVATE / DEACTIVATE AUTO CLEAN FUNCTION

⚠️ **ATTENTION:** Function only available for SCG_1 series units.

Under off status, hold "MODE" and "FAN" buttons simultaneously for 5 seconds to turn on or turn off the auto clean function. The remote controller temperature display area will flash "CL" for 5 seconds.
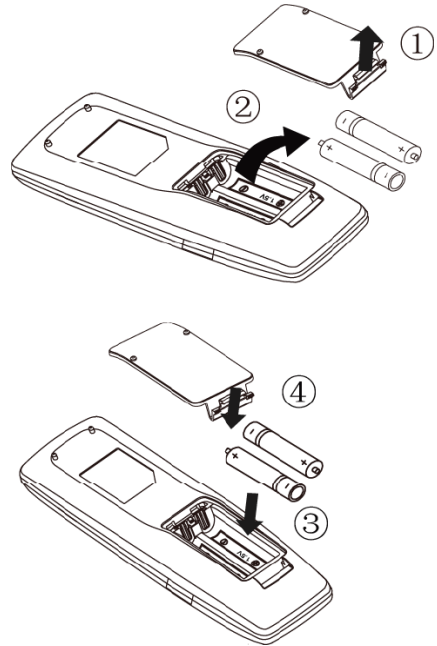
During Auto Clean function is on, there will be phenomenon, such as frosting of evaporator of indoor unit, sound of liquid flow, and fluctuation of indoor temperature and humidity, which affects the comfort. Auto Clean function is recommended to be used when there are no people in the room.

Auto Clean function

■ *NOTE: The auto clean function can only work under normal ambient temperature. If the room is dusty, clean it once a month; if not, clean it once every three months. After the auto clean function is turned on, you can leave the room. When auto clean is finished, the air conditioner will enter standby status.*

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 pressing the latch at the bottom of the cover;
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:*

— When batteries are replaced use new batteries of the recommended type.
— Remove the batteries if the remote control is not used for extended periods.
— 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.

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