EN

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Translation of Original instructions

WLRC50

User manual



REMOTE CONTROL

AERMEC

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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.

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1 USER NOTICE

— The wired controller is universal.

— 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.

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

NOTICE

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

2 REMOTE CONTROL

NOTICE

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

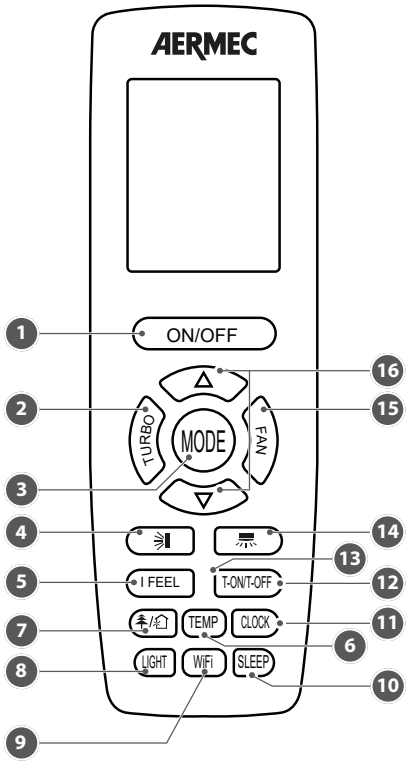
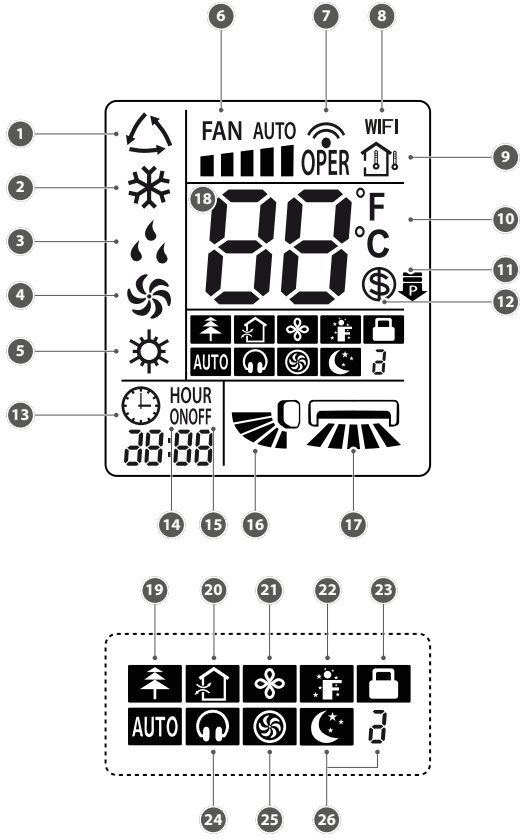


Table of contents	Function of the button
1	Switches indoor unit ON/OFF
2	Activates or deactivates the maximum fan speed (TURBO)
3	Sets the operating mode
4	Sets the operation of the vertical motorised air discharge fin (swing function)

Table of contents	Function of the button
5	Activates or deactivates the function iFeel
6	Switch temperature displaying type on the unit's display
7	Function not available
8	Activates or deactivates the display of information of the indoor unit
9	Activates or deactivates the WiFi function
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	Sets the time on the system clock
12	Activates, deactivates or changes the programmed switch off timer
13	Activates, deactivates or changes the programmed switch on timer
14	Sets the operation of the horizontal motorised air discharge fin (swing function)
15	Sets the fan speed
16	Increase / Decrease the value of the active function

2.2 USER INTERFACE (DISPLAY)

Remote control display icons available



The following table indicates which functions match the various icons available on the wired panel's LCD display:

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 WiFi function is active
9	Indicates which temperature is shown on the display of the indoor unit
10	Indicates the unit of measurement for the temperature setpoints (°C or °F)

Table of contents	Functions represented by the icons
11	Power limitation **This function is only available for the SBG series.**
12	Indicates that the absent function was activates
13	Indicates that the figures displayed next to the icon represent the current system time
14	Indicates if a timer is set for starting
15	Indicates if a timer is set for switching off
16	Indicates the state of the SWING function (vertical)
	Indicates the state of the horizontal SWING function
18	Indicates the operating setpoint temperature in the various modes
19	Function not available
20	Function not available
21	Indicates the extended ventilation function X-FAN is active (only in cooling or dehumidification)
22	Indicates whether the function is active iFEEL
23	Indicates that all the buttons of the remote control are locked
24	Indicates that the low noise QUIET function is active
25	Indicates the TURBO function is active (the fan speed is forced by this function)
26	Indicates the SLEEP function is active

3 FUNCTIONS AVAILABLE THROUGH THE REMOTE CONTROL

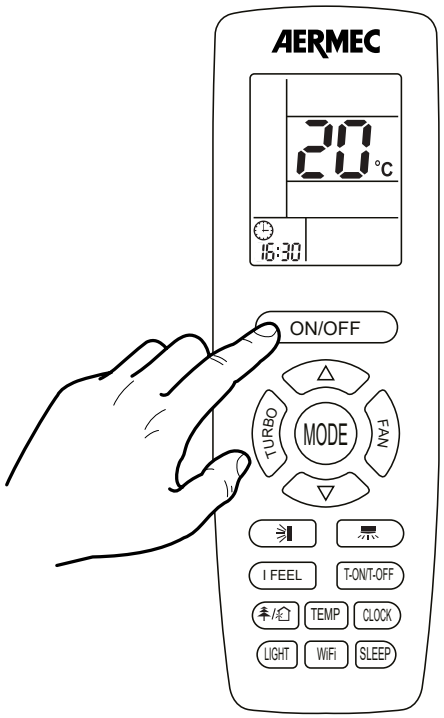
NOTICE

Before operation, please ensure the unit is plugged in and power is available.

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.

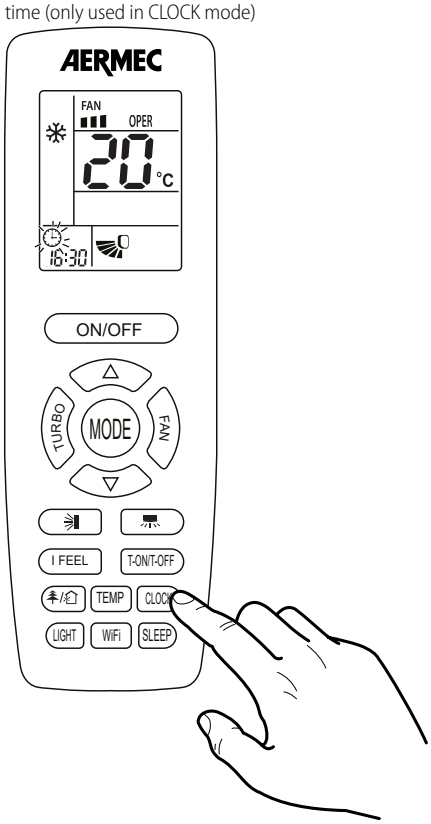
Switches the unit on or off



3.2 SETTING A SYSTEM TIME

These units are equipped with an internal clock which can display the current time; by pressing on the CLOCK key the clock icon will start to flash; while the clock icon is flashing it is possible to change the system time using the keys ▽ and △ to increase or decrease the displayed time by 1 minute; holding down the ▽ or △ buttons, after 2 seconds, the time will change quickly. Once the desired value is set you need to press the CLOCK key again to confirm the value (once confirmed the clock icon will stop flashing).

Set system time (only used in CLOCK mode)



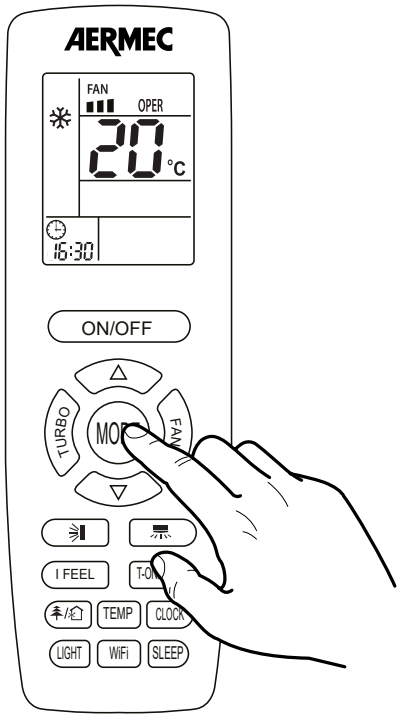
NOTICE

Clock time adopts 24-hour mode.

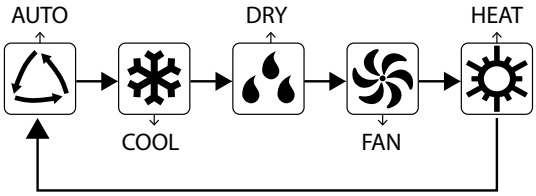
Time interval between two operations can't exceed 5s. Otherwise, remote controller will exit the setting status automatically.

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.

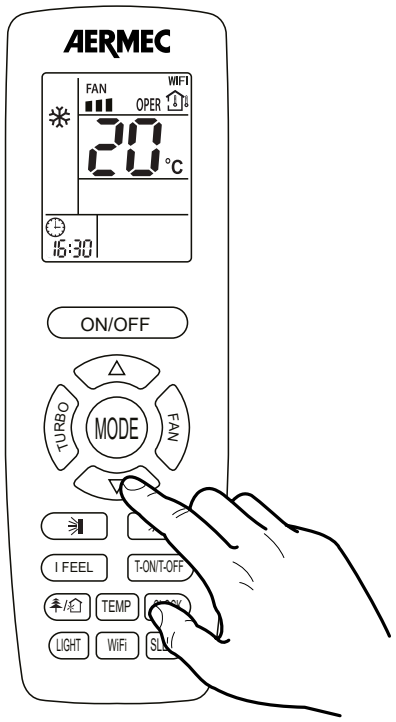
NOTICE

The "Mode" indicator is only available on the remote control, not on the indoor unit display. If present, the indoor unit display only shows the temperature.

3.4 SETTING THE OPERATING SETPOINT

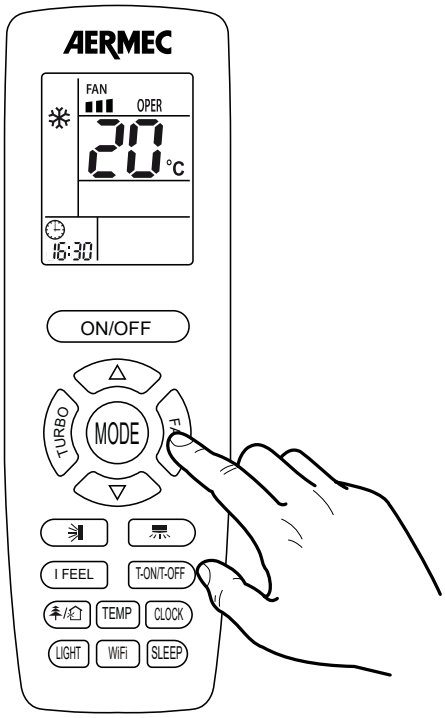
All the operating modes (except the automatic one) require an room air temperature value to control to: this is called the operating setpoint.
If the unit is on (and the automatic mode is not selected), pressing the ▽ and △ buttons allows decreasing or increasing set temperature 1°C. Holding buttons for 2 seconds, set temperature on remote controller will change quickly.
On releasing button after setting is finished, temperature indicator on indoor unit will change accordingly.
The range of temperature is 16°C - 30°C (61°F - 86°F).

Operating setpoint



3.5 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:



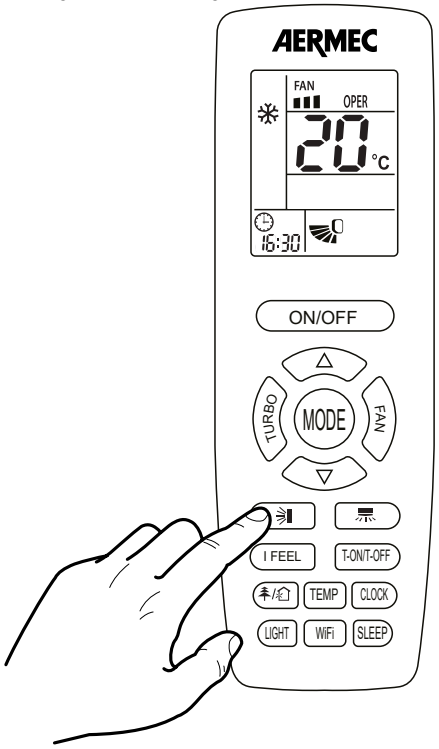
NOTICE

When operation mode changes, fan speed is memorized.

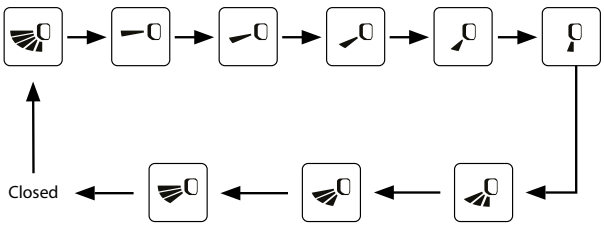
Under dry mode, fan speed is low and cannot be adjusted.

3.6 SETTING THE MOTORISED VERTICAL DISCHARGE FIN (SWING)

Motorised discharge vertical fin setting



If the unit is on, pressing the 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:



— When selecting , unit is blowing fan automatically. Vertical louver will automatically swing up & down at maximum angle.

— When selecting " , , , , ", unit is blowing fan at fixed position. Horizontal louver will stop at the fixed position.

NOTICE

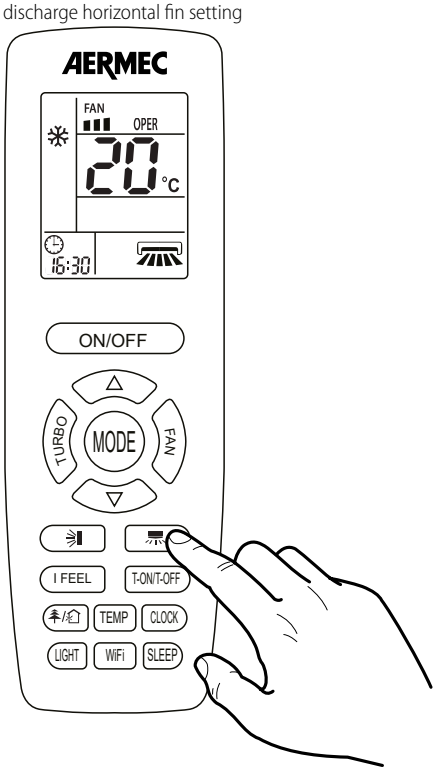
Holding press button more than 2s, the main unit will swing back and forth from up to down, and then loosen the button, the unit will stop swinging and present position of guide louver will be kept immediately.

Operate continuously up & down swing in 2 seconds, swing states will change according to above-mentioned order, or switch closed state and "" state.

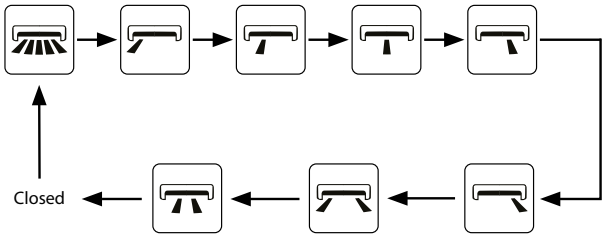
when the status is switched from "Off" to , if press button again 2s later, status will switch to off status directly; if press button again within 2s, the change of swing status will also depend on the sequence stated above.

3.7 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 button it's possible to set one by one the following steps:



NOTICE

Press button continuously more than 2s, the main unit will swing back and forth from left to right, and then loosen the button, the unit will stop swinging and present position of guide louver will be kept immediately.

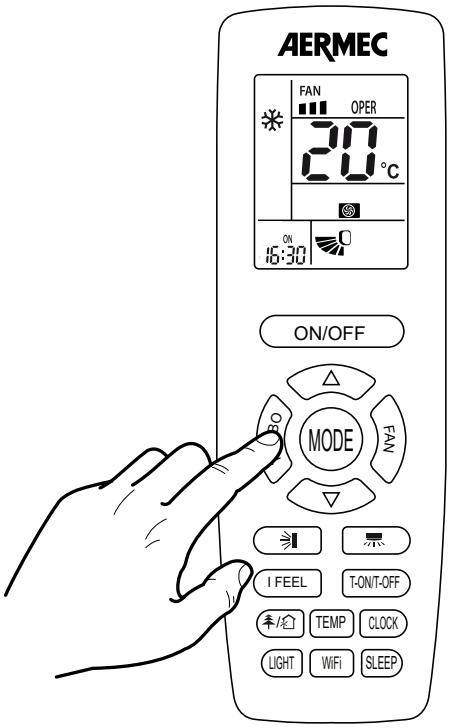
when the status is switched from "Off" to , if press button again 2s later, status will switch to off status directly; if press button again within 2s, the change of swing status will also depend on the sequence stated above.

3.8 ACTIVATING / DEACTIVATING THE TURBO FUNCTION

The unit allows the setting of the fan speeds during the various operating modes (except the automatic mode and the dehumidification mode). There is an additional speed called turbo.

If the unit is on, pressing the TURBO button activates or deactivates this function. If the function is active the icon is shown on the remote control's display.
When turbo function is on, the unit operates in super high speed to achieve quick cooling or heating.

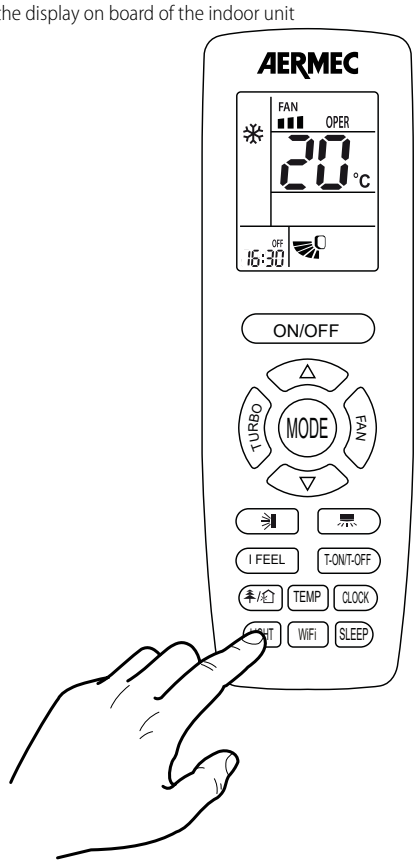
Setting the TURBO function



3.9 ACTIVATING / DEACTIVATING THE INDOOR UNIT'S DISPLAY

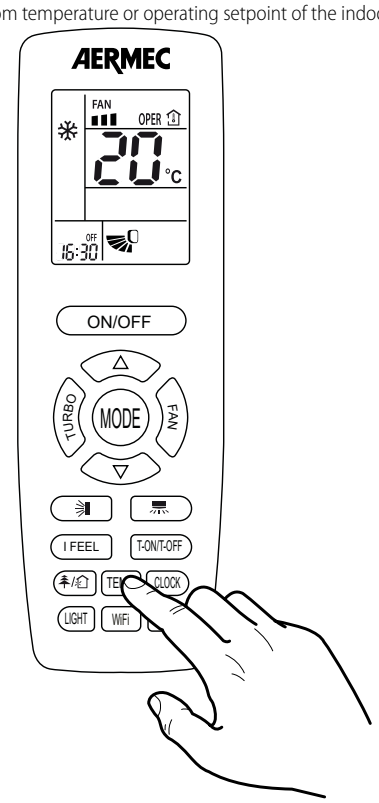
The display on the indoor unit must be activated using the remote control; To activate the display on the front panel of the indoor unit press the LIGHT button on the remote control.
Pressing the button again deactivates the display.

Activating the display on board of the indoor unit



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

Display of room temperature or operating setpoint of the indoor unit



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 setpoint used by the unit. This information is displayed on board the indoor unit's display.

Under on status, receiver light board or wired controller is defaulted to display setting temperature. Press "TEMP" button to view indoor ambient temperature.

When "" is not displayed, it means the displayed temperature is setting temperature.

When "" is displayed, it means the displayed temperature is indoor ambient temperature.

NOTICE

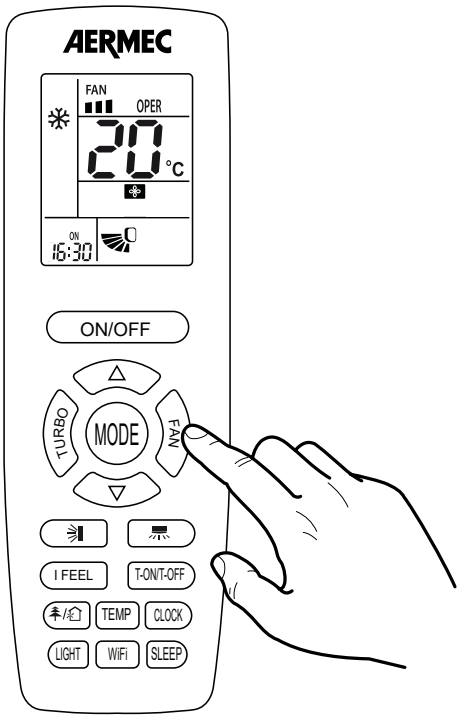
Setting temperature is always displayed in remote controller.

3.11 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 button for two 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



3.12 ACTIVATING / DEACTIVATING THE NIGHT-TIME COMFORT FUNCTION

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

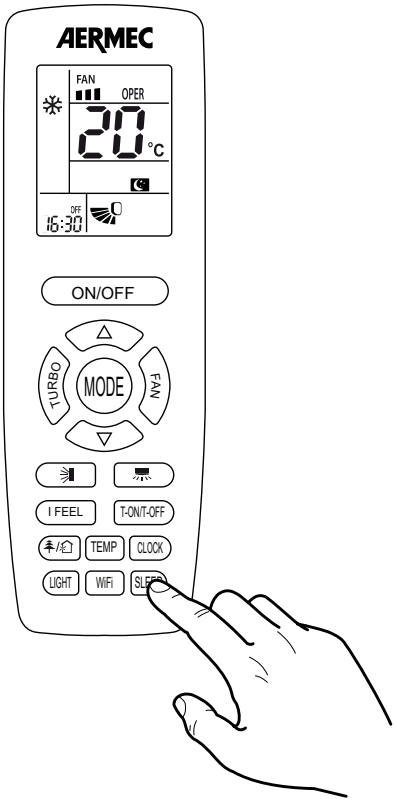
— **In cooling**: the temperature setpoint is gradually increased to guarantee maximum comfort combined with energy saving;

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

If the unit is on (except in automatic, dehumidification or ventilation mode), pressing the SLEEP button 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



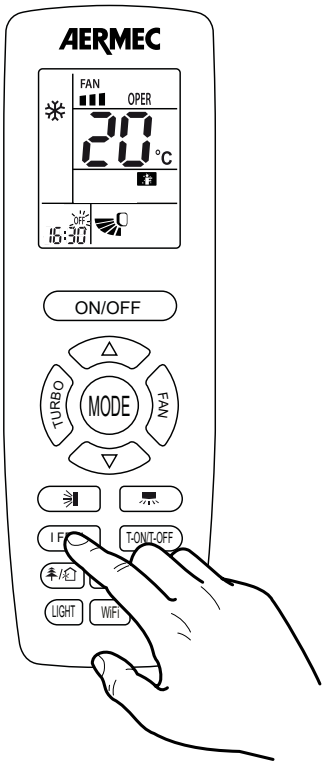
NOTICE

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.

3.13 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. Press the I FEEL button again to deactivate the iFEEL function: the icon will disappear.

Set the function iFEEL



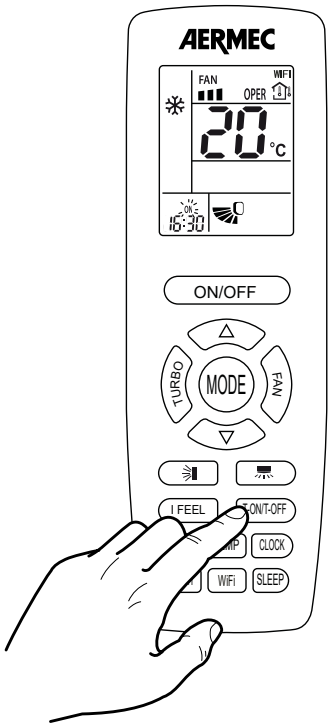
3.14 SETTING OR CANCELLING A PROGRAMMED SWITCH ON (TIMER ON)

CAUTION

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

The 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; after each press of the ▽ or △ buttons, the time will decrease or increase by 1 minute, while holding them down for 2 seconds will cause the time to change more quickly until it reaches the desired 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



NOTICE

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.

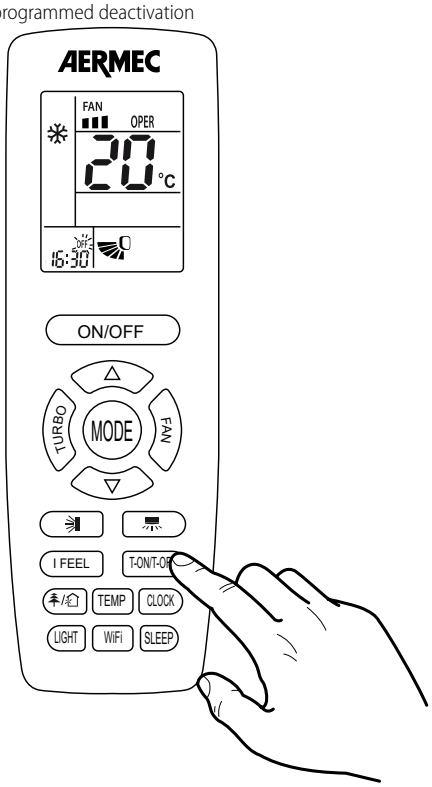
3.15 SETTING OR CANCELLING A PROGRAMMED SWITCH OFF (TIMER OFF)

CAUTION

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

The 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 right 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; after each press of the ▽ or △ buttons, the time will decrease or increase by 1 minute, while holding them down for 2 seconds will cause the time to change more quickly until it reaches the desired time. Pressing the T-ON/T-OFF button, 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



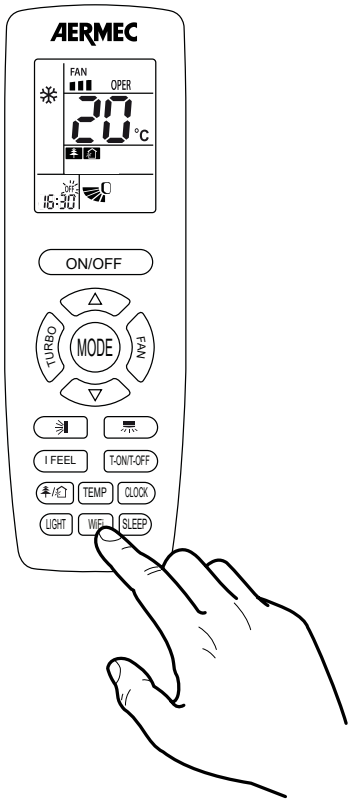
3.16 ACTIVATE OR DEACTIVATE THE WIFI FUNCTION (ONLY WITH THE WIFI ACCESSORY INSTALLED)

The units can be controlled by a WIFI system, if the accessory WIFI has been planned; to activate or deactivate the WIFI function, press the button WiFi; the display shows the icon (WiFi) indicating that the function is now active.

MANDATORY

In the LPG units, in order to use this function, it's MANDATORY to install in the unit the specific accessory WIFI.

Activate or deactivate the WIFI function



3.16.1 WiFi reset

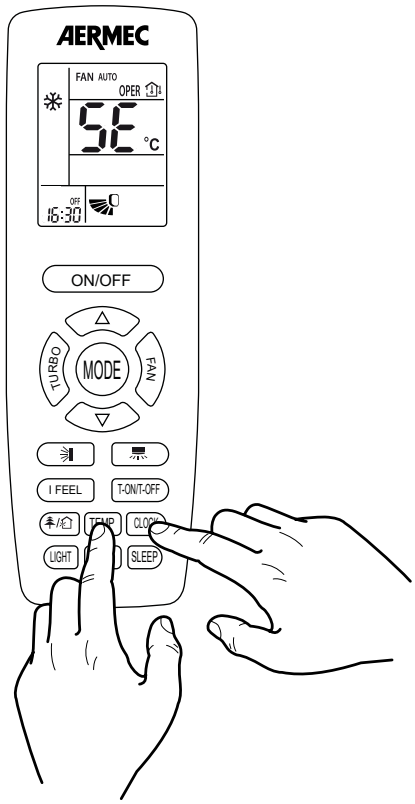
To reset the WIFI device with the factory values, while the unit is OFF, press at the same time (for at least one second) the buttons MODE and WiFi.

4 FUNCTION INTRODUCTION FOR COMBINATION BUTTONS

4.1 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, simultaneously pressing the keys TEMP plus 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



NOTICE

Under Energy-Saving function, fan speed is defaulted at auto speed and it can't be adjusted.

Under Energy-Saving function, set temperature can't be adjusted.

The functions of energy saving and comfort at night, can not be activated simultaneously; if it were activated Nightmode and want to activate the energy saving function, the function will be disabled automatically Nightmode. Under energy saving function, fan speed is defaulted at auto speed and it can't be adjusted. Press "TURBO" button and the remote controller won't send signal.

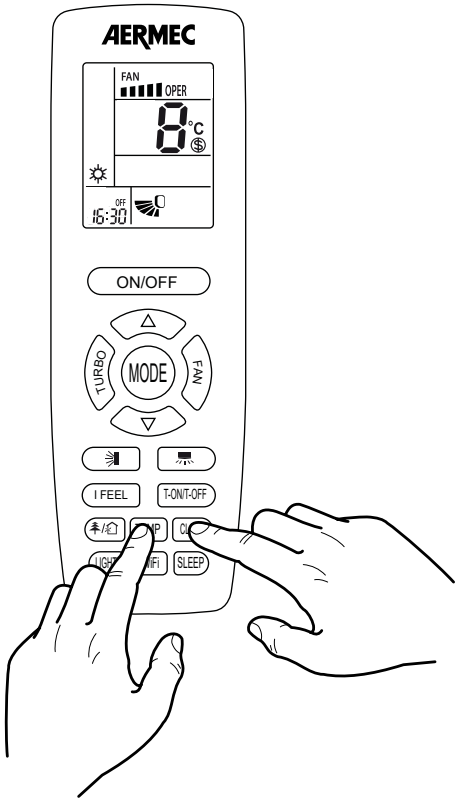
4.2 ACTIVATE / DEACTIVATE THE ABSENT FUNCTION

The Absence function can only be activated during the heating mode; this function allows to maintain the work set to 8°C, to ensure that the ambient temperature does not fall below this threshold.

If the unit is ON and the heat mode is active, press "TEMP" and "CLOCK" simultaneously to active or deactivate the Absence function.

If the function is active the icon is displayed on the wired panel $.

Set the Absent function



NOTICE

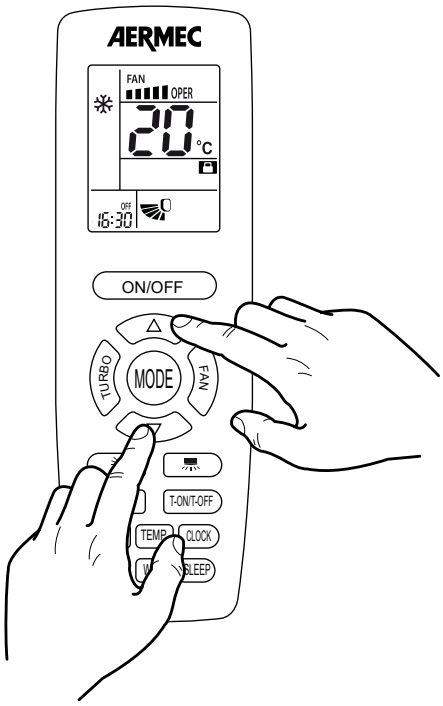
The Absence and night-time functions can not be activated at the same time; if the night-time wellness function is active and you want to activate the Absence function, the night-time wellness function will be disabled automatically. Under Absence function, fan speed is defaulted at auto speed and set temperature and speed can't be adjusted. Press "TURBO" button and the remote controller won't send signal. Under °F temperature display, the remote controller will display 46°F heating.

4.3 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.

If the buttons are locked, the icon blinks 3 times when pressing the button and any operation on the button is invalid.

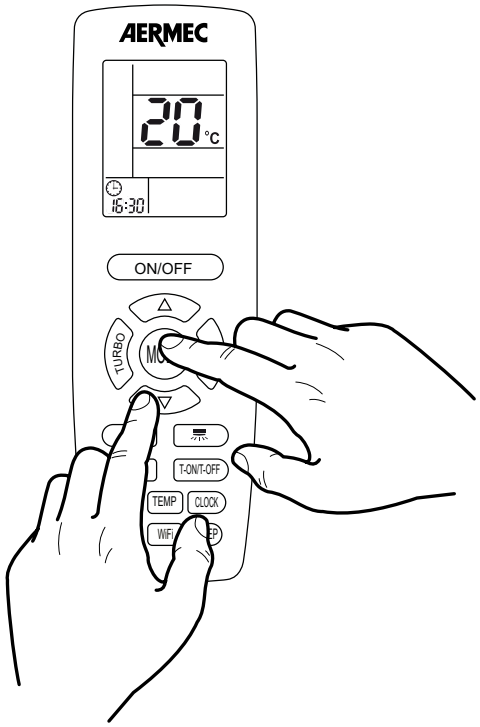
Setting the button lock



4.4 SETTING THE UNIT OF MEASUREMENT

With the machine off, pressing the buttons ▽ and MODE you can change the unit of temperature displayed on the remote control, from ° C to ° F.

Setting the unit of measurement



4.5 ACTIVATE / DEACTIVATE AUTO CLEAN FUNCTION

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.

NOTICE

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.

4.6 NIGHT MODE (SLEEP)

Under cooling or heating mode, when turning on sleep mode and turn to low speed or Quiet notch, the outdoor unit would enter into night mode.

NOTICE

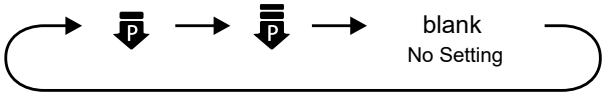
When you feel that the cooling and heating effect is poor, please press "Fan" button to other fan speed or press SLEEP button to exit the night mode.

The night mode can only work under normal ambient temperature.

This function is only available for the SBG series.

4.7 POWER LIMITATION

P Function is for limiting power of the whole unit. Press MODE and SLEEP buttons simultaneously, the remote controller will display as the following:

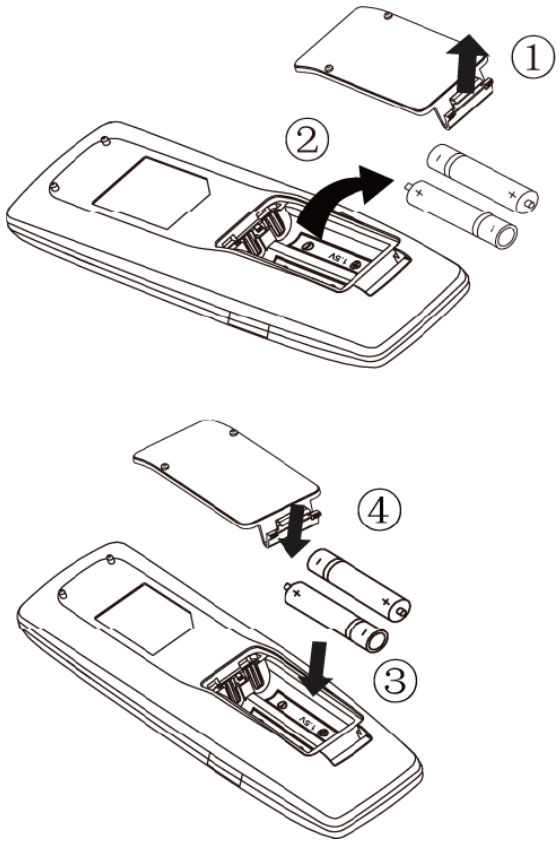


— Maximum power limited under the P mode is lower than that of P mode.
— If you want to cancel the power limiting function, press MODE and SLEEP buttons simultaneously till the icon in remote controller is not displayed.
— When the remote controller is turned off, power limiting function is cancelled. If you want to activate the function, please repress MODE and SLEEP buttons simultaneously.
— If the current power is lower than the maximum power of P mode, then the power will not be limited after entering into such mode.

NOTICE

This function is only available for the SBG series.

5 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. Replace two 7Ah (AAA 1.5V) dry batteries, taking care that their polarity is correct;
4. Close the battery cover.

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.

NOTICE

During operation, point the remote control signal sender at the receiving window on indoor unit.

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.

When batteries are replaced use new batteries of the recommended type.

Remove the batteries if the remote control is not used for extended periods.

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