

ActronAir WRE-026CS Serene Series 2 Remote Controller User Manual

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Suitable for Serene Series 2

WRE-026CS	WRE-072CS
WRE-035CS	WRE-085CS
WRE-050CS	

IMPORTANT NOTE:

Please read this manual carefully before operating your new remote control and keep it near the unit for future reference.

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Remote Controller Specifications

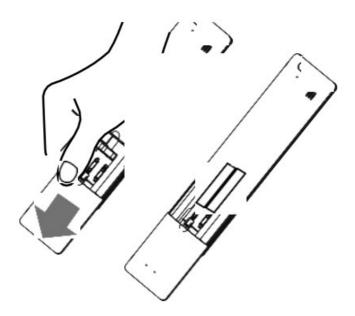
Model	RC-02
Rated Voltage	Rated Voltage
Signal Receiving Range	3.0V(Dry batteries 1.5V AAA × 2)
Environment	Signal Receiving Range

Handling the Remote Controller

Inserting and Replacing Batteries

Your air conditioning unit comes with two batteries. Insert the batteries in the remote control before use.

- 1. Slide the rear cover from the remote control downward, exposing the battery compartment.
- 2. Insert the batteries, paying attention to match up the (+) and (-) ends of the batteries with the symbols inside the battery compartment.
- 3. Slide the rear cover back into place.



BATTERY NOTES

For optimum product performance:

- Do not mix old and new batteries or batteries of different types.
- Do not leave batteries in the remote control if you don't plan on using the device for more than 2 months.
- Do not use rechargeable batteries.

⚠ BATTERY DISPOSAL

Waste Electrical & Electronic Equipment Disposal Guideline

- Do not dispose of the waste of electrical & electronic equipment with local council waste. These must be disposed of through the council-designated hazardous waste collection center.
- The equipment may contain hazardous substances, and improper or incorrect disposal may have a negative

effect on human health and on the environment.

• Remove batteries and separated them from the rest of the product before disposing of them.

A CAUTION

When the batteries are removed, the remote controller settings will be erased. After inserting new batteries, the remote controller and the Air conditioning may have different settings.

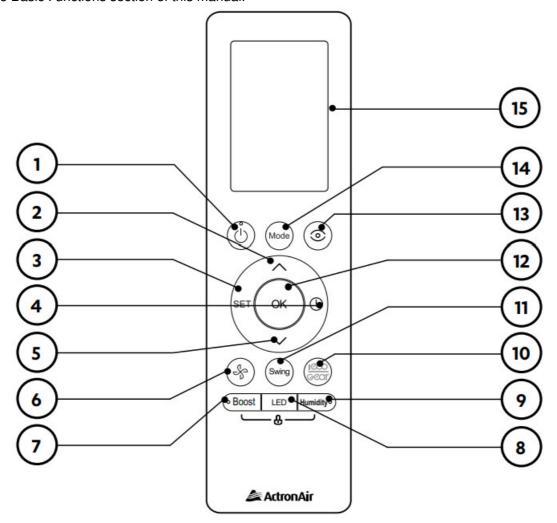
To sync their settings, press any button or adjust the settings from the remote controller. The Air conditioning will follow the new remote controller settings.

Tips For Using Remote Control

- 1. Use the remote controller within a distance of 8 meters from the appliance, pointing it towards the unit. Reception is confirmed by a beep.
- 2. The air conditioner will not receive the command if curtains, doors, other materials, and direct sunlight block the signals from the remote controller to the indoor unit.
- 3. Remove batteries if the remote will not be used for more than 2 months.

Button and Functions

Before you begin using your new air conditioner, make sure to familiarize yourself with its remote control. The following is a brief introduction to the remote control itself. For instructions on how to operate your air conditioner, refer to the Basic Functions section of this manual.



1. ON/OFF

This button turns the air conditioner On or Off.

2. TEMP UP

Increases temperate in 0.5°C increments. The maximum temperature is 30°C.

3. **SET**

Scrolls through operation functions as follows: Breeze away $\overset{\circ}{\cong}$ Active Clean $\overset{\circ}{\Longrightarrow}$ Fresh $\overset{\circ}{\bowtie}$ Sleep $\overset{\circ}{\Longrightarrow}$ Follow $\overset{\circ}{\cong}$ Me, $\overset{\circ}{\cong}$ AP Mode $\overset{\circ}{\cong}$ Breeze, away $\overset{\circ}{\cong}$... The selected symbol will flash on the display area, press the **OK** button to confirm.

4. TIMER

Set timer to turn unit On or Off. 5 TEMP DOWN Decreases temperature in 0

5. OC increments. Min. temperature is 16 OC.

6. FAN SPEED

Selects fan speeds in the following order: AUTO 20% → 40% → 60% → 80% → 100%

7. BOOST

Enables the unit to reach the preset temperature in the shortest possible time

8. **LED**

Toggles the LED display and buzzer of the air conditioner buzzer to On and Off.

9. HUMIDITY MODE

Adjust the room humidity during Dry to a range of 35%~ 85%. Press this button to increase the humidity by 5% increments.

NOTE: After setting, the humidity settings will display on the screen.

10. ECO/GEAR

Press this button to enter the energy-efficient model in a sequence of the following:

11. SWING

Starts and stops the horizontal louver movement.

Hold down for 2 seconds to initiate the vertical louver auto swing feature.

12. **OK**

Used to confirm the selected functions.

13. ECO INTELLIGENT EYE

Used to detect the occupancy in the room to save energy.

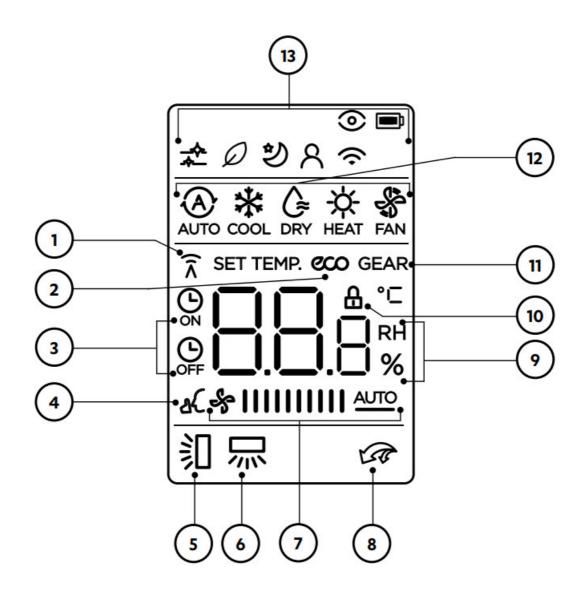
14. **MODE**

Scrolls through operation modes as follows: AUTO \longrightarrow COOL \longrightarrow DRY \longrightarrow HEAT \longrightarrow FAN \longrightarrow AUTO

15. SCREEN

Displays the setting, indicators, and operation conditions.

Remote Screen Indicators



1. TRANSMISSION INDICATOR



Lights up when the remote sends a signal to the indoor unit.

2. **ECO**

Displays when the ECO feature is activated.

3. TIMER ON/OFF

Timer On display.

OFF Timer Off the display.

4. QUIET

QUIET feature display.

5. HORIZONTAL LOUVER

SWING feature displays.

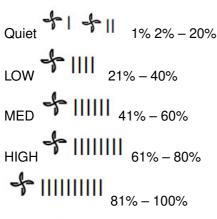
6. VERTICAL LOUVER



AUTO SWING feature displays.

7. FAN SPEED

Displays selected fan speed:





This fan speed can not be adjusted in AUTO or

DRY mode

8. BOOST MODE



BOOST feature displays.

9. TEMPERATURE/TIMER/FAN/SPEED

Displays the set temperature by default or fan speed or timer setting when using TIMER ON/OFF functions.

- Temperature range: 16 o C 30 o C (60 o F 86 o F)
- Timer setting range: 0-24 hrs
- Fan speed setting range: Au 100%
- humidity setting range: 35% 85% This display is blank when operating is FAN mode.

NOTE: To display temperature in °F, press and hold the up and down arrows for 3 seconds while the remote power is on.

10. **LOCK**



Displays when the LOCK feature is activated.

11. **GEAR**

Displays when the GEAR feature is activated

12. **MODE**

Displays the current mode including:





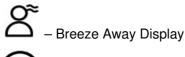






13. INFORMATION

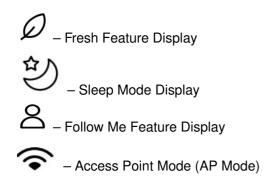
Information is displayed when the functions are in use.







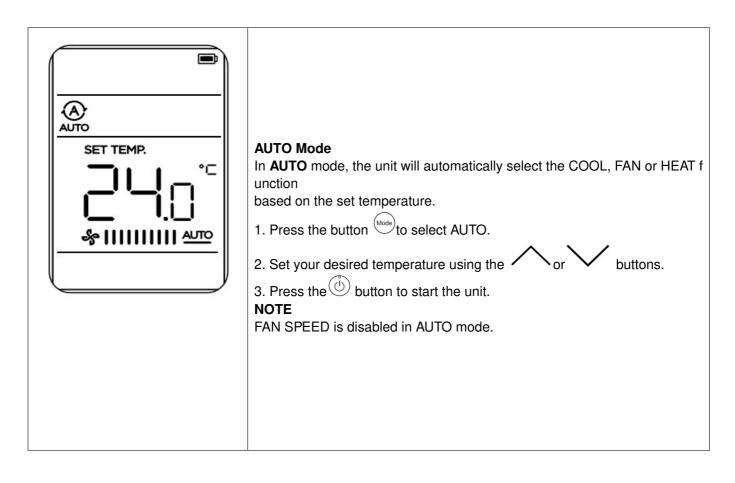


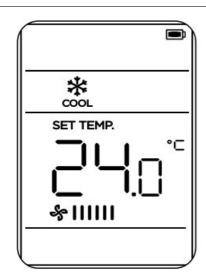


Basic Functions

05.01. Mode Operation NOTE Setting Temperature Operation

- The operating temperature range for units is 16-30°C.
- You can increase or decrease the set temperature in 0.5°C increments.

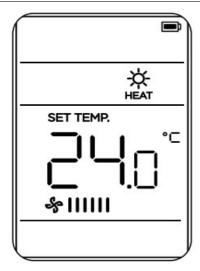




COOL mode

In COOL mode, the unit will cool the room to the desired temperature.

- 1. Press the Mode button to select COOL mode.
- 2. Set your desired temperature using the or buttons.
- 3. Press the button to select the fan speed in a range of Auto-100%.
- 4. Press the button to start the unit.



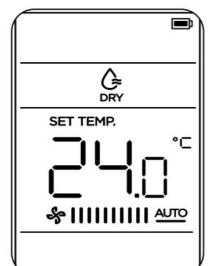
HEAT Mode

- 1. Press the button to select HEAT mode.
- 2. Set your desired temperature using the or buttons
- 3. Press the button to select the fan speed in a range of Auto-100%.
- 4. Press the button to start the unit.

NOTE

As outdoor temperature drops, the performance of your unit's HEAT function may

be affected. The system may also enter a defrost mode during the heating cycle.

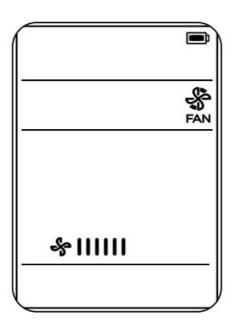


DRY Mode (Dehumidifying)

- 1. Press the (Mode) button to select DRY mode.
- 2. Set your desired temperature using the or buttons
- 3. Press the \bigcirc button to start the unit.

NOTE

The Fan Speed is automatically set to AUTO while in the DRY mode.



FAN Mode

- 1. Press the Mode button to select **FAN** mode.
- 2. Press the button to select the fan speed in a range of Auto-100%.
- 3. Press the button to start the unit.

NOTE

The set temperature is disabled in FAN mode. As a result, the remote control's LCD screen will not display the temperature.



Do not put your fingers in or near the blower and suction side of the unit. The fan inside the unit may cause injury.

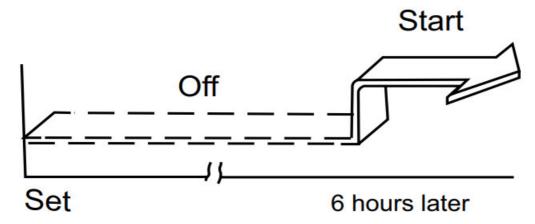
05.02. Setting the Timer

TIMER ON (Auto-On Operation)

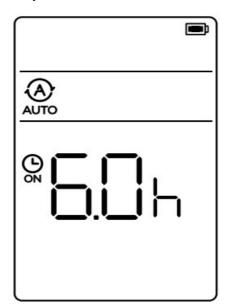
The TIMER ON feature is useful when you want the unit to turn off automatically at the desired time.

Example:

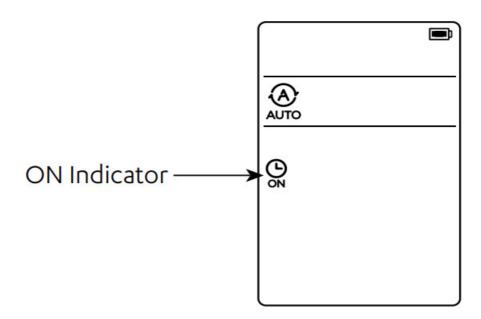
To start the air conditioner in 6 hours.



- 1. While the unit is OFF, press the button.
- 2. Press the or buttons to adjust the time.



3. Point the remote controller to the indoor unit and wait for 1 second. The indicator will show in the remote controller and in the indoor unit panel to indicate that this function is activated.

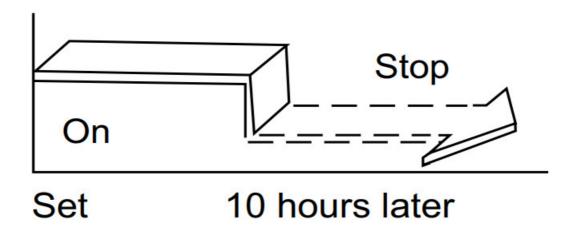


TIMER OFF (Auto-OFF Operation)

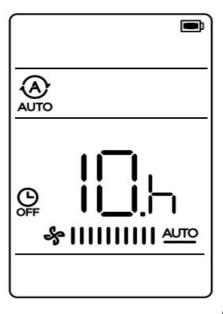
The TIMER OFF feature is useful when you want the unit to turn off automatically at the desired time.

Example:

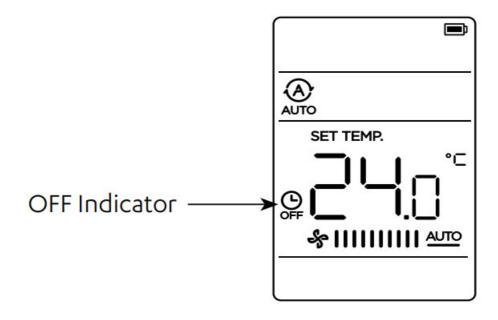
To turn OFF the air conditioner in 10 hours.



- 1. While the unit is ON, press the button twice until the timer off indicator is shown.
- 2. Press the or buttons to adjust the time.



3. Point the remote controller to the indoor unit and wait for 1 second. The off indicator will show in the remote controller and **OF** in the indoor unit panel to indicate that this function is activated.



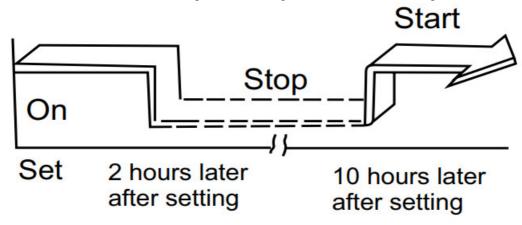
COMBINED TIMER (Setting both ON and OFF timers simultaneously)

TIMER OFF TIMER ON (On Stop-Start operation)

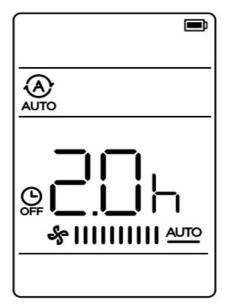
This feature is useful when you want to stop the air conditioner after you go to bed and start it again in the morning when you wake up or when you return home.

Example:

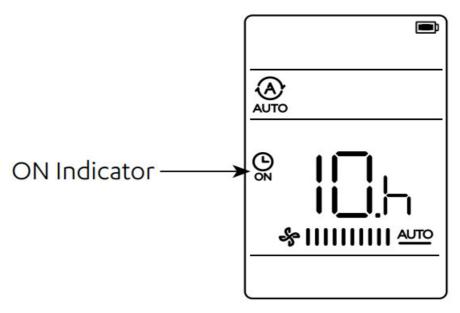
To stop the air conditioner 2 hours after setting and start it again 10 hours after setting.



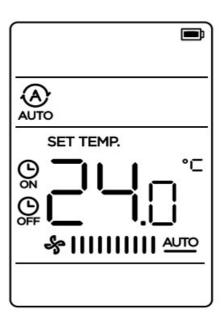
- 1. While the unit is ON, press the button twice until the timer indicator is shown.
- 2. Press the or buttons to adjust the time.



- 3. Point the remote controller to the indoor unit and wait for 1 second. The indicator will show in the remote controller and in the indoor unit panel to off indicate that this function is activated.
- 4. Press the 🕒 button until the timer indicator is shown.
- 5. Press the \frown or \checkmark buttons to adjust the time



6. Point the remote controller to the indoor unit and wait for 1 second. Both the and indicators will show, this means that the function is activated.



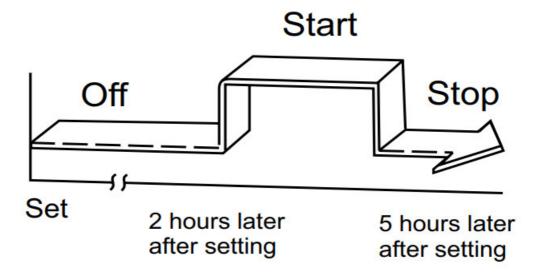
TIMER ON

TIMER OFF (Off – Start – Stop operation)

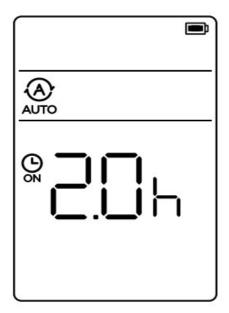
This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

Example:

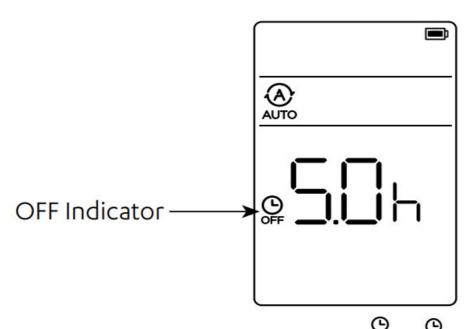
To start the air conditioner in 2 hours after setting, and stop it 5 hours after setting.



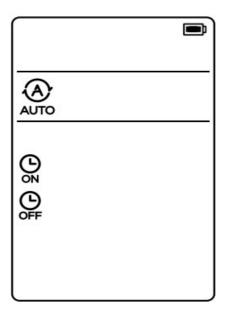
- 1. While the unit is OFF, press the 🕒 button until timer of indicator is shown.
- 2. Press the \bigwedge or \bigvee buttons to adjust the time.



- 3. Point the remote controller to the indoor unit and wait for 1 second. The indicator will show, this means that the function is activated.
- 4. Press the button until timer indicator is shown.
- 5. Press the or buttons to adjust the time.



6. Point the remote controller to the indoor unit and wait for 1 second. Both the and wait for 1 second. Both the indicators will show, this means that the function is activated.



NOTE

When setting the TIMER, the adjustable increment is 30 minutes up to 10 hours. After 10 hours the increment will be 1

hour up to 24 hours.

NOTE

The indoor unit must show on or off when a button is pressed. If this does not happen timers will show as set on remote

control but will not function on the unit.

How To Use Advanced Function

06.01. SWING Function



Setting the vertical angle of airflow

Swing

While the unit is on, use the button to set the direction (vertical angle) of airflow.

- 1. Press the button to activate the louver. The vertical louver will swing up and down automatically.
- 2. Press it again to stop the automatic function.

NOTE

Continue pressing the button will adjust the vertical airflow angle in five different positions. Keep pressing the button

until the direction you prefer is reached.

Setting the horizontal angle of airflow

While the unit is on, use the button to set the direction (horizontal angle) of airflow.

- 1. Press and hold the button for more than 2 seconds to activate the louver. The vertical louver will swing left and right automatically.
- 2. Press and hold it again to stop the automatic function

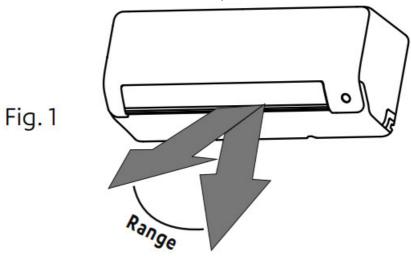
NOTES

When using the COOL and DRY mode, do not set the vertical louver to the minimum angle for long periods of time. This can cause water to condense on the louver blade, which may drop on your floor or furnishings. See Fig. 1

When using COOL or HEAT mode, setting the vertical louver to the minimum angle can reduce the performance of the unit due to the restricted airflow.

Do not move the louver by hand. This will cause the louver to become out of sync. If this occurs, reset the main power supply isolator of the air conditioning to restart the unit. This will reset the louver.

During the Pre-Heat function, the louver will be in a default position.



06.02. LED Display

- 1. Press the LED button to activate or de-activate the display on the indoor unit.
- 2. Press and hold the LED button for more than 5 seconds until it beeps, and releases. Then press and hold again for 5 seconds then release after beeps.

- 3. After a few seconds the room temperature shows.
- 4. To revert to the previous display, repeat steps 2 and 3. To revert the change press the LED button until the set point shows on the indoor unit.

06.03. QUIET Function

1. Press and hold the button for more than 2 seconds to activate the Quiet Function. The quiet icon will display to indicate it is activated. The compressor will run at a reduced capacity to minimize the operational noise.

NOTE

Due to low compressor frequency operation, this may result in insufficient cooling and heating capacity.

- 2. Holding the button again for 2 seconds turns off quiet function.
- 3. Pressing the button will also cancel Quiet Mode.

06.04. FREEZE PROTECTION (FP) Function

In heating operation, the preset temperature of the air conditioner can be set to 8 o C. This will keep the room temperature steady at 8 o C and will prevent the house from freezing when it is unoccupied in severe weather. This will give the occupant a better head start when they go back home and turn ON the air conditioner.

While the system is in heat mode and 16°C, press the buttons twice within 1 second. The unit will operate at high indoor fan speed with temperature automatically set to 8 o C and display FP on the indoor unit. Press the



NOTE

The indoor panel and remote control will not indicate 8 o C during FP Function.

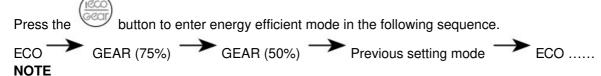
06.05. LOCK

- 1. Press and hold the Boost Humidity and Humidity buttons for at least 5 seconds to activate the lock function. A lock icon will display above the set temperature to indicate that the remote control buttons are locked.
- 2. Press and hold the Boost and Humidity buttons for 2 seconds to de-activate the lock function. NOTES When pressing any button, the lock con will flash to indicate that the remote-control buttons are locked. All buttons are disabled whilst the control has a lock function ON.

06.06. BOOST Function

BOOST function is available on heating and cooling to accelerate the time it takes to reach the set point.

06.07. ECO/GEAR Function



This function is only available under cooling mode.

ECO Operation

- 1. While in cooling mode, press the button. The set temperature will automatically adjust to 24°C Auto fan speed to save energy. Energy savings will take effect only when the initial set temperature is below 24°C.
- 2. If the set temperature is already above 24°C, the fan speed will change to Auto, the set temperature will remain unchanged.

NOTES

Pressing the button or changing the mode or adjusting the set temperature to less than 24 o C will cancel ECO Operation.

Once ECO is activated Fan can be adjusted and **ECO**will be displayed on the LED.

GEAR Function

Gear mode is a setting that can limit the energy consumption output of the air conditioner if the end user desires a reduction in their overall system energy usage.

This will impact performance in some conditions.

Press the button to enter the following: 75%(up to 75% electrical energy consumption)



50% (up to 50% electrical energy consumption)



Previous setting mode.

06.08. Proximity Sensor

Proximity Sensor Function uses the indoor unit's built-in infrared sensor to detect whether the room is occupied. When the occupant is away for 30 minutes (or more), the unit will automatically lower the system's performance to save energy.

The unit will automatically resume operation if the infrared sensor detects movements or activity inside the room again.

When activated, the remote control will display



06.09. SET Function

- 1. Press the SET button to enter the function setting.
- 2. Keep pressing the SET or buttons to select the desired function. The symbol of the selected function will flash on the remote control display.
- 3. Press the OK button to confirm.

Available SET functions are as follows:



BREEZE AWAY Function

This function prevents direct airflow from blowing on the occupants for a more comfortable ambiance. This is achieved by aiming the louver higher to avoid direct airflow.

NOTE

This feature is available under Cool, Fan, and Dry modes only.

ACTIVE CLEAN Function

The Active Clean Function washes away accumulated dust, mold, and grease that may cause odors when it adheres to the heat exchanger. The unit will automatically freeze the heat exchanger and then rapidly thaw the frost to wash and drain away the accumulated dirt. When this function is activated, the indoor unit display window shows, that after 20 to 45 minutes, the unit will turn off automatically and cancel the Clean function and return to the previous operation.

FRESH Function

When the FRESH function is initiated, the Ionizer/Plasma Dust Collector (depending on models) is energized and will help to remove pollen and impurities from the air.

SLEEP Function

When sleep function is activated it adjusts and maintains the temperature while you sleep and can save energy. For more detail on this function please refer to Sleep Operation in Owner's Manual.

NOTE

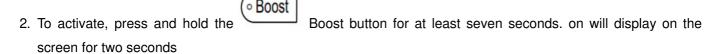
The SLEEP function is not available in FAN or DRY mode.

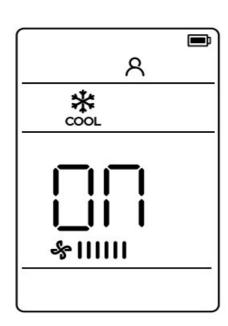
FOLLOW ME Function

The FOLLOW ME function enables the remote control to measure the room temperature at its current location and send this signal to the air conditioner at a 3-minute interval.

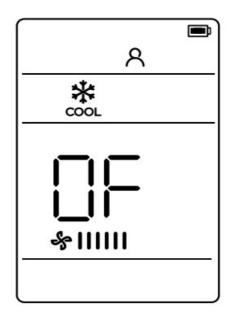
Measuring room temperature from the remote control (instead of an indoor unit temperature sensor) will enable the air conditioner to optimize the temperature around the user to ensure maximum comfort.

1. Select follow Me in the set menu.





To de-activate press and the Boost button for at least seven seconds. OF will display on the screen for two seconds.



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That's better. That's Actron.

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ActronAir is constantly seeking ways to improve the design of its products, therefore specifications are subject to change without notice.

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Documents / Resources



References

• Air Conditioning - Air Conditioners - ActronAir

Manuals+.