REMOTE CONTROLLER

OWNER'S MANUAL

IMPORTANT NOTE:

Thank you for purchasing our air conditioner. Please read this manual carefully before operating your new air conditioning unit. Make sure to save this manual for future reference.

Table of Contents

Remote Controller Specifications 02

Handling the Remote Controller 03

Buttons and Functions 04

Remote Screen Indicators 06

How to Use Basic Functions 07

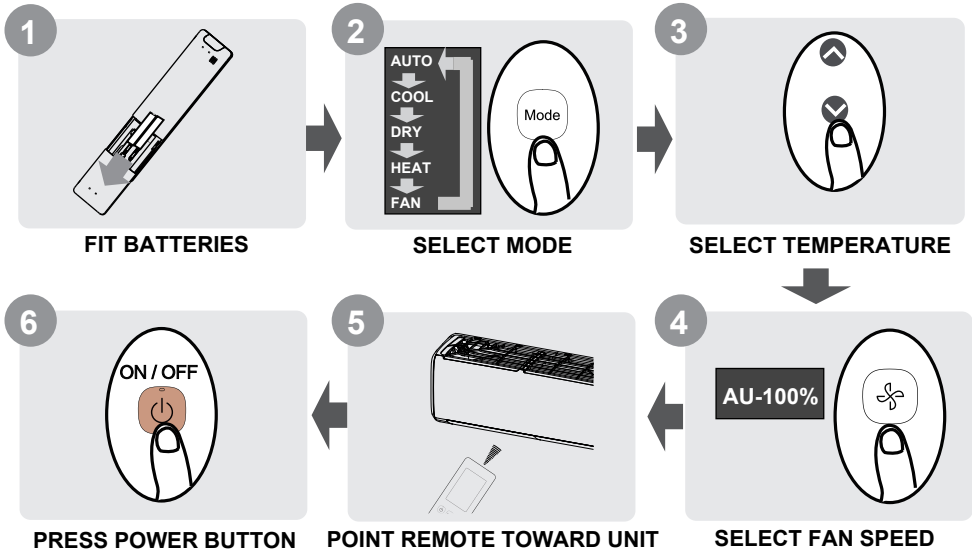
How to Use Advanced Functions 10

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
Children should be supervised to ensure that they do not play with the appliance.
WARNING: Keep out of reach of children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 h of ingestion. Seek medical attention immediately (for the batteries in the remote controller).

Remote Controller Specifications

Model	RG10L4 (M2HS) / BGEFU1, RG10L4(M2HS)/BGFFU1
Rated Voltage	3.0V (Dry batteries R03/LR03×2)
Signal Receiving Range	maximum 8 m (vertical distance)
Environment	-5°C~60°C (23°F~140°F)

Quick Start Guide



NOT SURE WHAT A FUNCTION DOES?
Refer to the **How to Use Basic Functions** and **How to Use Advanced Functions** sections of this manual for a detailed description of how to use your air conditioner.

SPECIAL NOTE

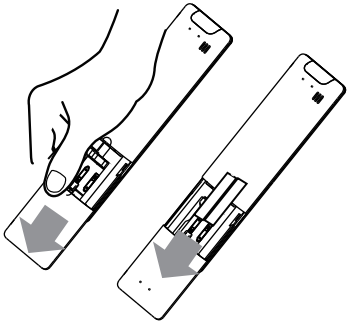
- Button designs on your unit may differ slightly from the example shown.
- If the indoor unit does not have a particular function, pressing that function's button on the remote controller will have no effect.
- When there are wide differences between "Remote controller Manual" and "USER'S MANUAL" on function description, the description of "USER'S MANUAL" shall prevail.

Handling the Remote Controller

Inserting and Replacing Batteries

Your air conditioning unit may come with two batteries (some units). Put the batteries in the remote controller before use.

1. Slide the back cover from the remote controller 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 battery cover back into place.



Remote Controller

- Direct sunlight can interfere with the infrared signal receiver.
- There must be a clear line of sight between the remote and the appliance.
- If the signals from the remote controller happen to control another appliance, move the appliance to another location or contact customer service.

Battery Disposal

- Do not dispose of batteries as unsorted municipal waste. Refer to local laws for proper disposal of batteries.
- Batteries may have a chemical symbol at the bottom of the disposal icon. This chemical symbol means that the battery contains a heavy metal that exceeds a certain concentration. An example is Pb: Lead (>0.004%).
- Appliances and used batteries must be treated in a specialized facility for reuse, recycling and recovery. By ensuring correct disposal, you will help avoid possible negative consequences for the environment and human health.



Pb

Battery Performance

For optimal product performance:

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

Notes For Using Remote Controller

The device could comply with the local national regulations.

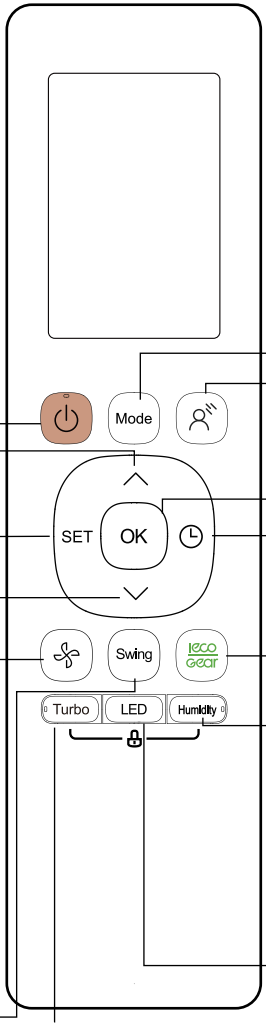
- In Canada, it should comply with CAN ICES-3 (B)/NMB-3 (B).
- In USA, this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
  (1) This device may not cause harmful interference, and
  (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

Buttons and Functions

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



ON/OFF
Turns the unit on or off.

TEMP ∧
Increases temperature in 0.5°C (1°F) increments. Max. temperature is 30°C (86°F).
NOTE: Press together ∨ & ∧ buttons at the same time for 3 seconds will alternate the temperature display between the °C & °F.

SET
Scrolls through operation functions as follows:
Active clean ( ) → Fresh ( ) → Sleep ( ) → Follow Me ( ) → AP mode ( ) → Active clean ( ).....
The selected symbol will flash on the display area, press the OK button to confirm.

TEMP ∨
Decreases temperature in 0.5°C (1°F) increments. Min. temperature is 16°C (60°F).

FAN SPEED
Selects fan speeds in the following order: AU → 20% → 40% → 60% → 80% → 100%.
Press the TEMP ∧ or ∨ button to increase/decrease the fan speed in 1% increments.

SWING
Starts and stops the horizontal louver movement. Hold down for 2 seconds to initiate vertical louver auto swing feature.

Turbo
Enables unit to reach present temperature in shortest possible time. Keep pressing this button more than 5 seconds in heating mode to active Super heat operation. To stop this feature, keep pressing this button more than 3 seconds.

MODE
Scrolls through operation modes as follows: **AUTO → COOL → DRY → HEAT → FAN**
NOTE: Please do not select HEAT mode if the machine you purchased is cooling only type. Heat mode is not supported by the cooling only appliance.

BREEZE AWAY
This feature avoids direct air flow blowing on the body and makes you feel indulging in silky coolness.

OK
Used to confirm the selected functions.

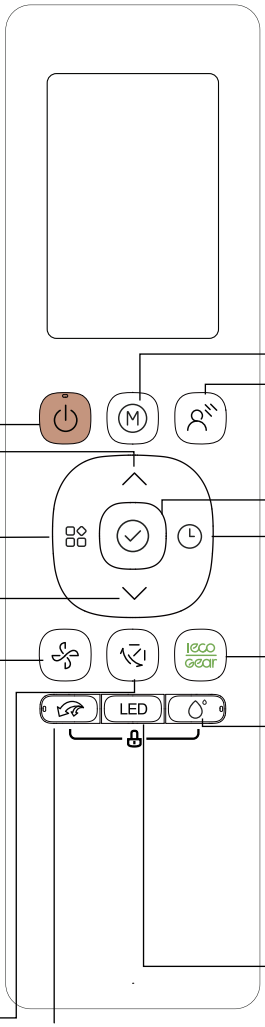
TIMER
Set timer to turn unit on or off

ECO/GEAR
Press this button to enter the energy efficient mode in a sequence of following:
ECO → GEAR (75%) → GEAR (50%) → Previous setting mode → ECO .....

HUMIDITY
Adjust the room humidity during Dry operation in a range of 35%~85%. Press this button to increase the humidity in 5% increments.
NOTE: After setting, the humidity settings will display on the screen.

LED
Turns indoor unit's LED display and air conditioner buzzer on and off, which create a comfortable and quiet environment.

Model: RG10L4 (M2HS)/BGEFU1



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Turns the unit on or off.

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Increases temperature in 0.5°C (1°F) increments. Max. temperature is 30°C (86°F).
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Starts and stops the horizontal louver movement. Hold down for 2 seconds to initiate vertical louver auto swing feature.

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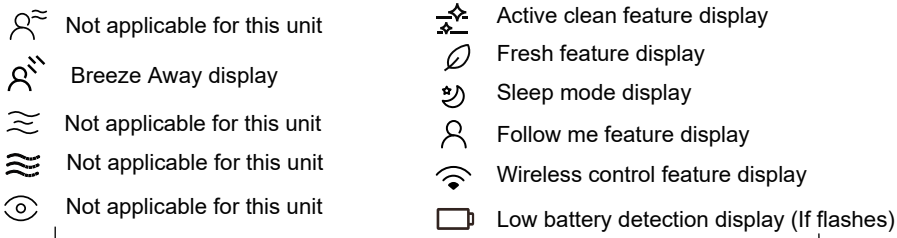
HUMIDITY
Adjust the room humidity during Dry operation in a range of 35%~85%. Press this button to increase the humidity in 5% increments.
NOTE: After setting, the humidity settings will display on the screen.

LED
Turns indoor unit's LED display and air conditioner buzzer on and off, which create a comfortable and quiet environment.

Model: RG10L4(M2HS)/BGFFU1

Remote Screen Indicators

Information is displayed when the remote controller is power up.



Transmission Indicator
Lights up when remote sends signal to indoor unit

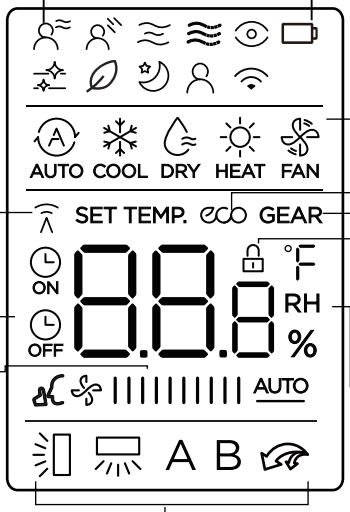
ON
TIMER ON display
OFF
TIMER OFF display

Silent feature display

FAN SPEED display
Displays selected fan speed:

Silent		1%
		2%-20%
LOW		21%-40%
MED		41%-60%
		61%-80%
HIGH		81%-100%
AUTO	AUTO	

This fan speed cannot be adjusted in AUTO or DRY mode.



MODE display
Displays the current mode, including:
AUTO COOL DRY HEAT FAN

ECO display
Displays when ECO feature is activated

GEAR display
Displays when GEAR feature is activated

LOCK display
Displays when LOCK feature is activated.

Temperature/Timer/Fan speed display
Displays the set temperature by default, or fan speed or timer setting when using TIMER ON/OFF functions.

- Temperature range: 16-30°C/60-86°F
- Timer setting range: 0-24 hours
- Fan speed setting range: AU -100%
- Humidity setting range: 35% -85%

This display is blank when operating in FAN mode.

Horizontal louver swing display

Vertical louver auto swing display

Turbo mode display

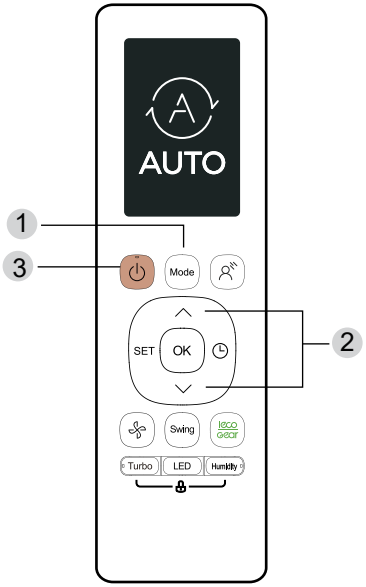
A Not applicable for this unit
B

Note:
All indicators shown in the figure are for the purpose of clear presentation. But during the actual operation, only the relative function signs are shown on the display window.

How to Use Basic Functions

Basic operation

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



COOL Mode

1. Press the MODE button to select **COOL** mode.
2. Set your desired temperature using the **TEMP** ∧ **or TEMP** ∨ button**.**
3. Press **FAN** button to select the fan speed in a range of AU-100%.
4. Press the **ON/OFF** button to start the unit.

SETTING TEMPERATURE

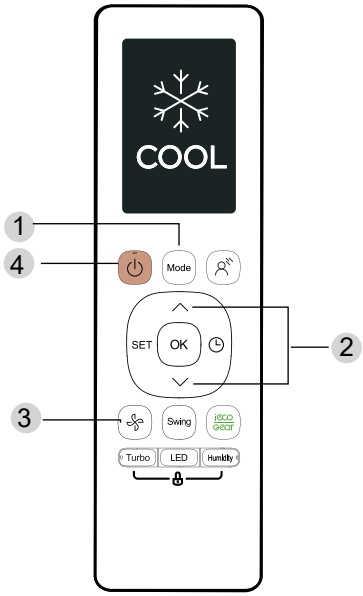
The operating temperature range for units is 16-30°C (60-86°F). You can increase or decrease the set temperature in 0.5°C (1°F) increments.

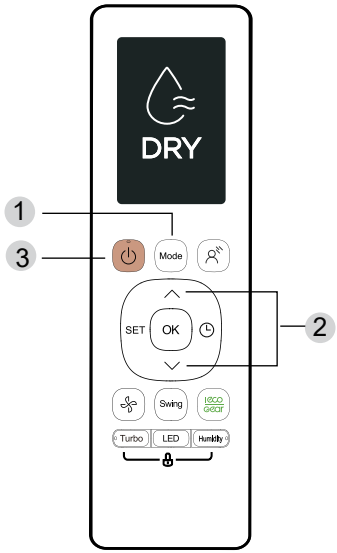
AUTO Mode

In AUTO mode, the unit will automatically select the COOL, FAN, or HEAT operation based on the set temperature.

1. Press the **MODE** button to select **AUTO**.
2. Set your desired temperature using the **TEMP** ∧ or **TEMP** ∨ button.
3. Press the **ON/OFF** button to start the unit.

NOTE: FAN SPEED can't be set in AUTO mode.

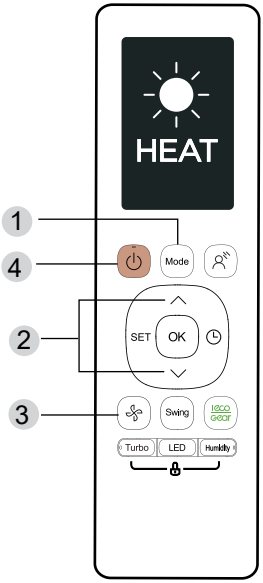




FAN Mode

1. Press the **MODE** button to select **FAN** mode.
2. Press **FAN** button to select the fan speed in a range of AU-100%.
3. Press the **ON/OFF** button to start the unit.

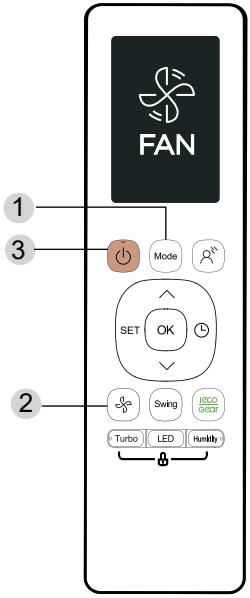
NOTE: You can't set temperature in FAN mode. As a result, your remote control's LCD screen will not display temperature.



DRY Mode (dehumidifying)

1. Press the **MODE** button to select **DRY**.
2. Set your desired temperature using the **TEMP** ∧ or **TEMP** ∨ button.
3. Press the ON/OFF button to start the unit.

NOTE: FAN SPEED cannot be changed in DRY mode.



HEAT Mode

1. Press the MODE button to select **HEAT** mode.
2. Set your desired temperature using the **TEMP** ∧ **or TEMP** ∨ button**.**
3. Press **FAN** button to select the fan speed in a range of AU-100%.
4. Press the **ON/OFF** button to start the unit.

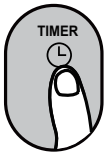
NOTE: As outdoor temperature drops, the performance of your unit's HEAT function may be affected. In such instances, we recommend using this air conditioner in conjunction with other heating appliances.

Setting the TIMER

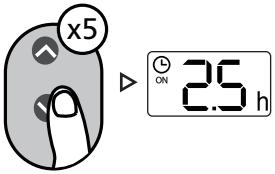
TIMER ON/OFF - Set the amount of time after which the unit will automatically turn on/off.

TIMER ON setting

Press TIMER button to initiate the ON time sequence.



Press Temp. up or down button for multiple times to set the desired time to turn on the unit.



Point remote to unit and wait 1sec, the TIMER ON will be activated.

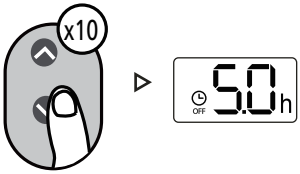


TIMER OFF setting

Press TIMER button to initiate the OFF time sequence.



Press Temp. up or down button for multiple times to set the desired time to turn off the unit.



Point remote to unit and wait 1sec, the TIMER OFF will be activated.

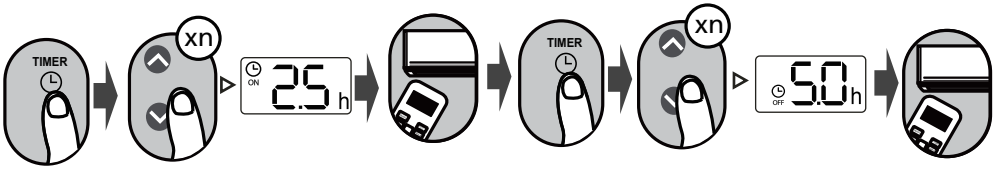


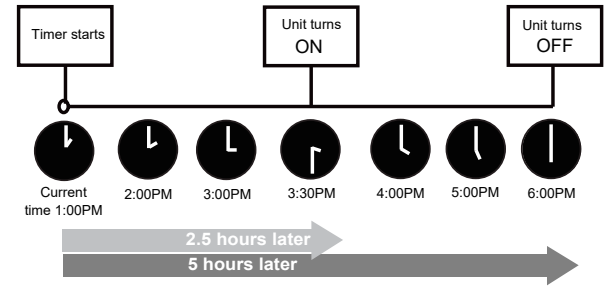
NOTE:

1. When setting the TIMER ON or TIMER OFF, the time will increase by 30-minutes increments with each press, up to 10 hours. After 10 hours and up to 24, it will increase in 1-hour increments. (For example, press 5 times to get 2.5h, and press 10 times to get 5h.) The timer will revert to 0.0 after 24.
2. Cancel either function by setting its timer to 0.0h.

TIMER ON & OFF setting (example)

Keep in mind that the time periods you set for both functions refer to hours after the current time.



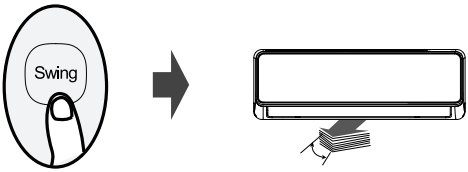


Example: If current timer is 1:00PM, to set the timer as above steps, the unit will turn on 2.5h later (3:30PM) and turn off at 6:00PM.

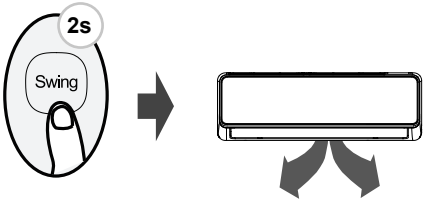
How to Use Advanced Functions

Swing function

Press Swing button

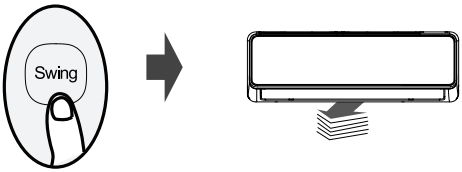


The horizontal louver will swing up and down automatically when pressing Swing button. Press again to make it stop.



Keep pressing this button more than 2 seconds, the vertical louver swing function is activated.

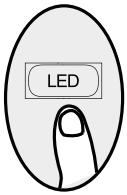
Airflow direction



If continue to press the SWING button, five different airflow directions can be set. The louver can be move at a certain range each time you press the button. Press the button until the direction you prefer is reached.

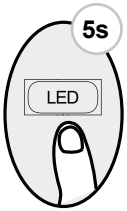
NOTE: When the unit is off, press and hold **MODE** and **SWING** buttons together for one second, the louver will open for a certain angle, which makes it very convenient for cleaning. Press and hold **MODE** and **SWING** buttons together for one second to reset the louver.

LED DISPLAY



Press LED button

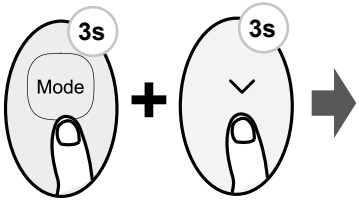
Press this button to turn on and turn off the display on the indoor unit.



Press this button more than 5 seconds

Keep pressing this button more than 5 seconds, the indoor unit will display the actual room temperature. Press more than 5 seconds again will revert back to display the setting temperature.

Lifting panel function



Press together **Mode** button and " ∨ " button at the same time more than 3 seconds to activate this function, and the remote controller displays "F2". When setting the panel status, press the " ∧ " or " ∨ " buttons of the remote controller to control the rise or fall of the grille, and press any other button to exit the setting.

ECO/GEAR function



Press this button to enter the energy efficient mode in a sequence of following:
ECO → GEAR (75%) → GEAR (50%) → Previous setting mode → ECO.....

Note: This function is only available under COOL mode.

ECO operation:

Under cooling mode, press this button, the remote controller will adjust the temperature automatically to 24°C/75°F, fan speed of Auto to save energy (only when the set temperature is less than 24°C/75°F). If the set temperature is above 24°C/75°F, press the ECO button, the fan speed will change to Auto, the set temperature will remain unchanged.

NOTE:
Pressing the ECO button, or modifying the mode or adjusting the set temperature to less than 24°C/75°F will stop ECO operation.
Under ECO operation, the set temperature should be 24°C/75°F or above, it may result in insufficient cooling. If you feel uncomfortable, just press the ECO button again to stop it.

GEAR operation:

Press the ECO/GEAR button to enter the GEAR operation as following:
75% (up to 75% electrical energy consumption)
↓
50% (up to 50% electrical energy consumption)
↓
Previous setting mode.

BREEZE AWAY

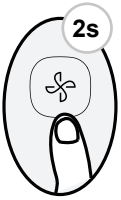
Press this button



This feature avoids direct air flow blowing on the body and makes you feel indulging in silky coolness.

NOTE:
This feature is available under cool, Fan and Dry mode only.

Silent function

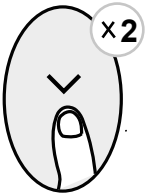


Keep pressing button for more than 2 seconds to activate/disable Silent function.

Due to low frequency operation of compressor, it may result in insufficient cooling and heating capacity. Press ON/OFF, Mode, Sleep, Turbo or Clean button while operating will cancel Silent function.

FP function

Press this button 2 times during one second under HEAT Mode and setting temperature of 16°C/60°F.

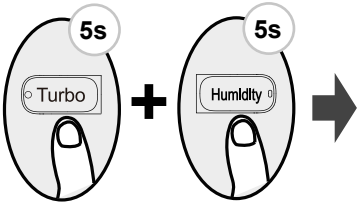


The unit will operate at high fan speed (while compressor on) with temperature automatically set to 8°C/46°F.

Note: This function is for heat pump air conditioner only.

Press this button 2 times during one second under HEAT Mode and setting temperature of 16°C/60°F to activate FP function. Press On/Off, Sleep, Mode, Fan and Temp. button while operating will cancel this function.

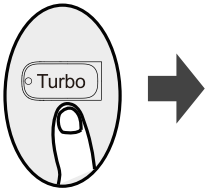
LOCK function



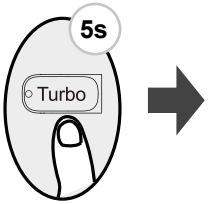
Press together **Turbo** button and **Humidity** button at the same time more than 5 seconds to activate Lock function. All buttons will not respond except pressing these two buttons for two seconds again to disable locking.

Turbo Function

Press Turbo button



When you select Turbo feature in COOL mode, the unit will blow cool air with strongest wind setting to jump-start the cooling process.
When you select Turbo feature in HEAT mode, the unit will blow heat air with strongest wind setting to jump-start the heating process (some units).
For units with Electric heat elements, the Electric HEATER will activate and jump-start the heating process.



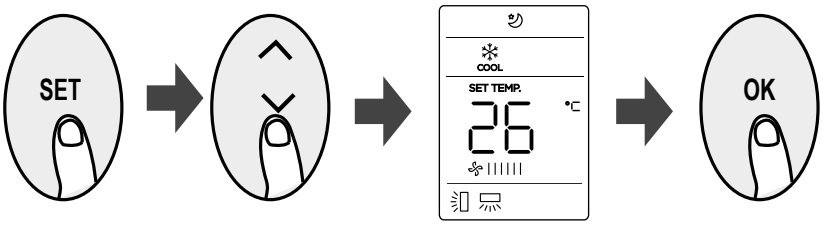
Super heat function

Long press Turbo button for 5 seconds in Heating/Auto heating mode to initiate super heat function. To stop this feature, long press this button for 3 seconds. This function is mainly used to improve the heating speed of the unit at low temperature.
Under super heat mode, the louver will open to its maximum angle to enable unit to reach preset temperature in shortest possible time.
Note: The anti-cold air feature is disable 5 minutes later after the compressor starts, it may result in low air outlet temperature. You should choose whether to enable this function according to your need.

NOTE:

- If the Super heat function is activated, "**ON**" displays for 3 seconds on the indoor unit display window.
- If the Super heat function is stopped, "**OF**" displays for 3 seconds on the indoor unit display window.
- Change the mode or turn the unit off to stop the super heating operation.

SET function



- Press the SET button to enter the function setting, then press SET button or TEMP∨ or TEMP∧ button to select the desired function. The selected symbol will flash on the display area, press the OK button to confirm.
- To cancel the selected function, just perform the same procedures as above.
- Press the SET button to scroll through operation functions as follows:
  Active clean ( ) → Fresh* ( ) → Sleep ( ) → Follow Me ( ) → AP mode* ( )
  [*]: Only available for the units with this feature.

Active clean function ( ):
The Active Clean Technology washes away dust, mold, and grease that may cause odors when it adheres to the heat exchanger by automatically freezing and then rapidly thawing the frost. When this function is turned on, the indoor unit display window appears “CL”, after 20 to 45 minutes, the unit will turn off automatically and cancel CLEAN function.

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

Sleep function ( ):
The Sleep function is used to decrease energy use while you sleep (and don’t need the same temperature settings to stay comfortable). This function can only be activated via remote controller.
For the detail, see **“**sleep operation**”** in **“**USER’S MANUAL**”.**

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

AP function ( ):
Choose AP mode to do wireless network configuration. To enter the AP mode, continuously press the LED button seven times in 10 seconds.

Follow me function ( ):
The Follow Me function enables the remote controller to measure the temperature at its current location and send this signal to the air conditioner every 3 minutes interval. When using AUTO, COOL or HEAT modes, measuring ambient temperature from the remote controller (instead of from the indoor unit itself) will enable the air conditioner to optimize the temperature around you and ensure maximum comfort.

NOTE:
Press the SET button to select Follow Me function, then press OK button to confirm. Pressing the OK button for 3 seconds will start/stop memory feature of Follow Me function.

- If the memory feature is activated, “**ON**” displays for 3 seconds on the screen.
- If the memory feature is stopped, “**OF**” displays for 3 seconds on the screen.
- While the memory feature is activated, press the ON/OFF button, shift the mode or power failure will not cancel the Follow Me function.

Supplier's Declaration of Conformity
Per FCC Part 2 Section 2.1077

Unique Identifier: (e.g., Trade Name, Model Number)

Responsible Party – U.S. Contact Information
Company name: Dial Manufacturing, Inc.
Street Address: 430 N. 47th Ave.
City, State : Phoenix, AZ
Postal Code : 85043
Telephone number or internet contact information: 1-800-350-3425

FCC Compliance Statement
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.

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