Manuals+ — User Manuals Simplified.

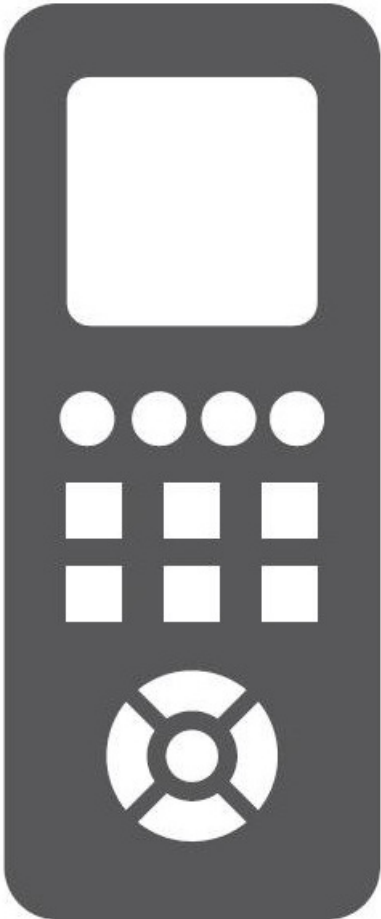# inventor Air Conditioning System Remote Controller User Manual

inventor Air Conditioning System Remote Controller

Remote Controller Specifications

Model	RG10A(D2S)
Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Signal Receiving Rang	8m
Environment	-5°C~60°C(23°F~140°F)

Quick Start Guide

1. FIT BATTERIES
2. SELECT MODE
   AUTO → COOL → DRY → HEAT → FAN
   Mode
3. SELECT TEMPERATURE
4. SELECT FAN SPEED
5. POINT REMOTE TOWARD UNIT
6. PRESS POWER BUTTON
   ON / OFF
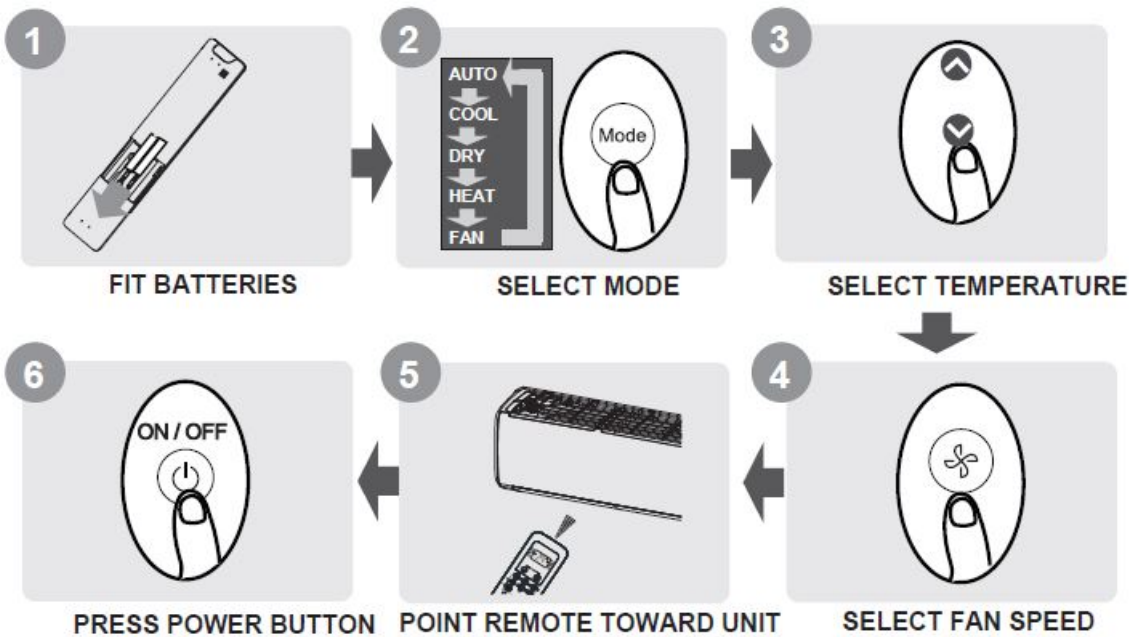
NOT SURE WHAT A FUNCTION DOES?

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 control will have no effect.
- When there are wide differentces between "Remote controller Manual" and "USER'S MANUAL" on the function description, the description of "USER'S MANUAL" shall prevail.

Handling the Remote Controller
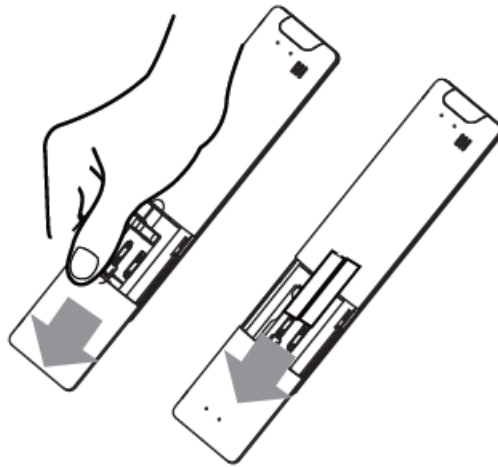
Inserting and Replacing Batteries

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

1. Slide the back 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 battery 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.

BATTERY DISPOSAL

Do not dispose of batteries as unsorted municipal waste. Refer to local laws for proper disposal of batteries.

TIPS FOR USING REMOTE CONTROL

- The remote control must be used within 8 meters of the unit.
- The unit will beep when a remote signal is received.
- Curtains, other materials and direct sunlight can interfere with the infrared signal receiver.
- Remove batteries if the remote will not be used more than 2 months.

NOTES FOR USING REMOTE CONTROL

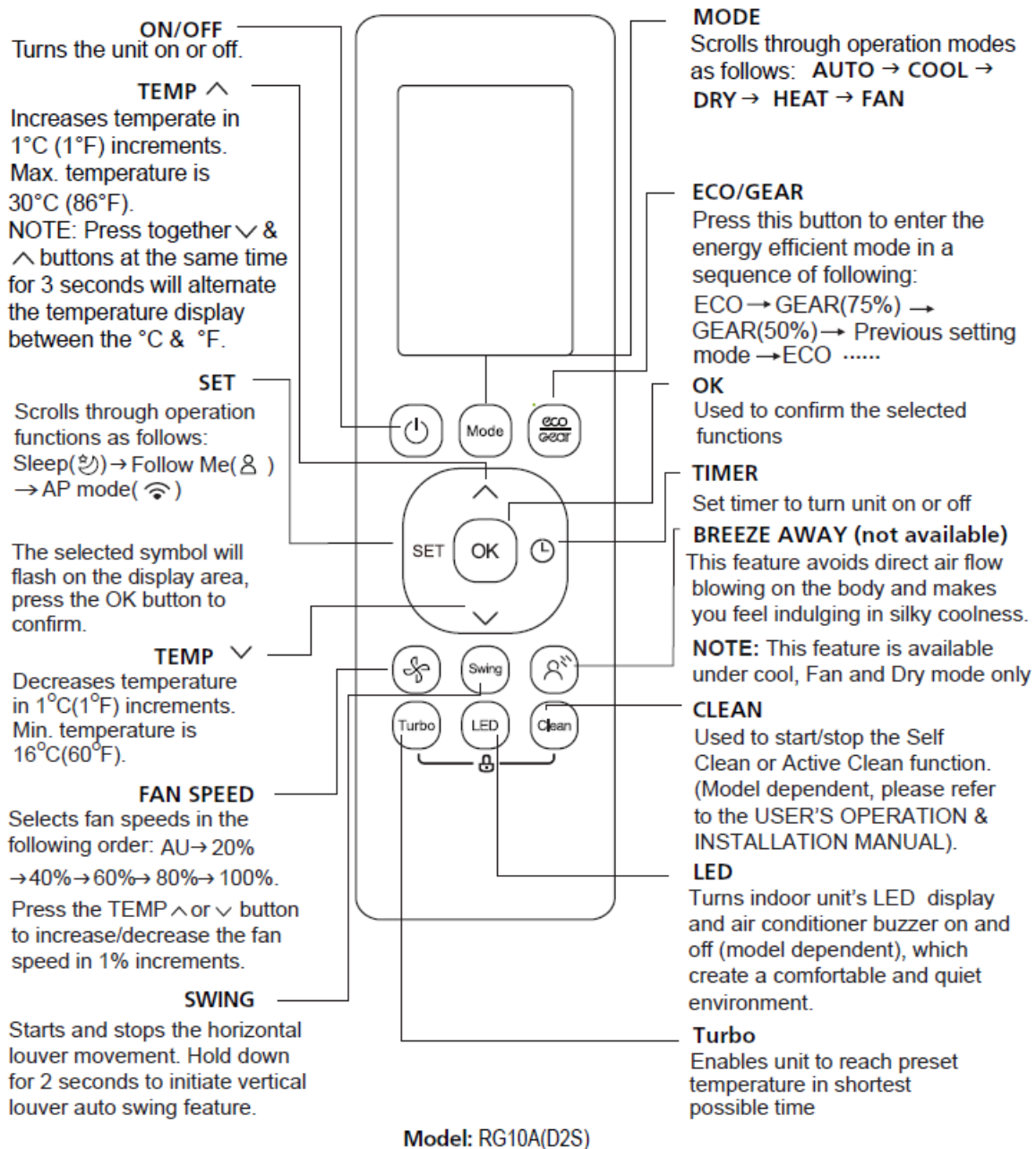The device could comply with local and national regulations.

- In Canada, it should comply with CAN ICES-3(B)/NMB-3(B).
- In the 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.
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.
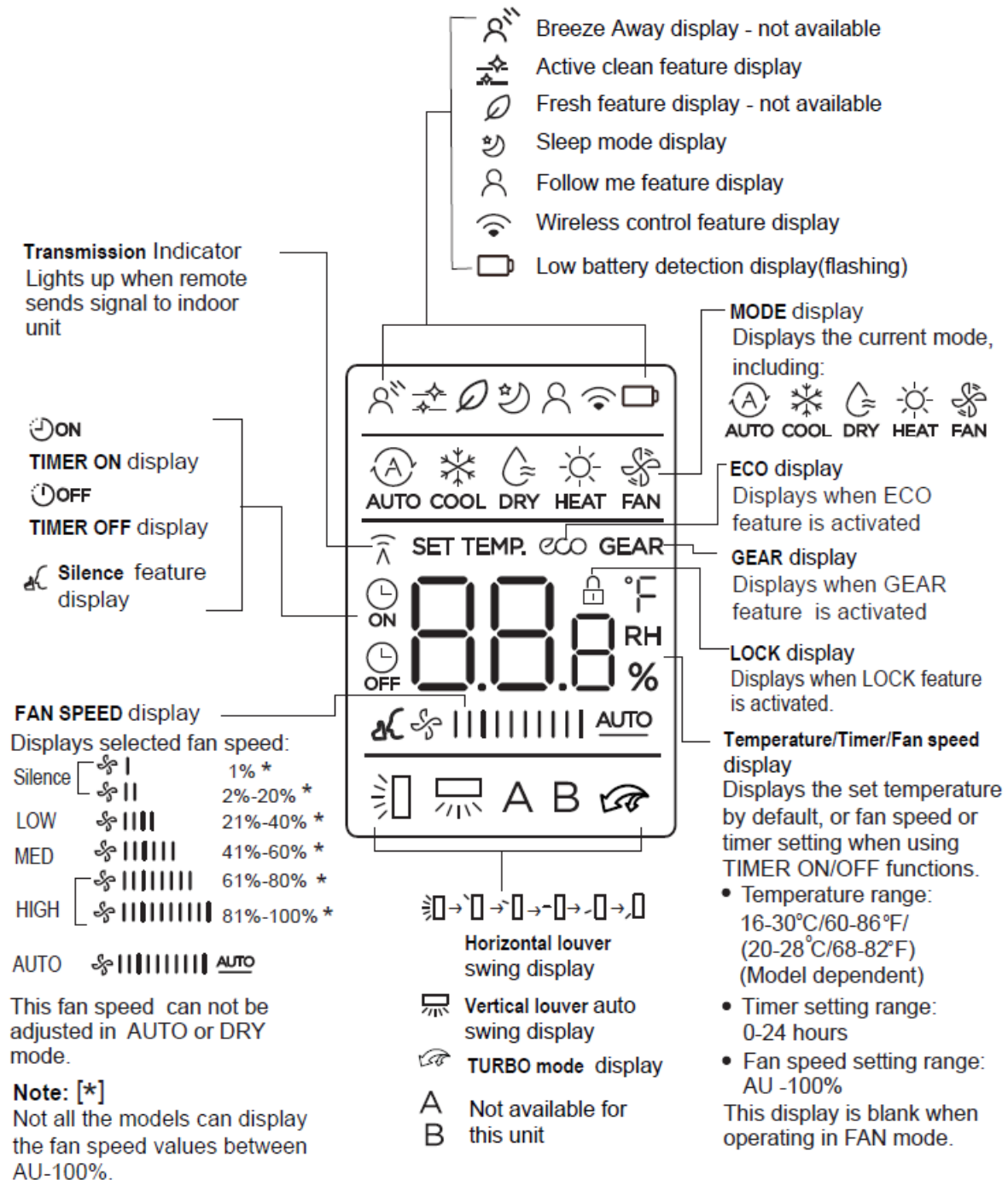- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.

Buttons and Functions

ON/OFF
Turns the unit on or off.

TEMP ∧
Increases temperate in 1°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:
Sleep(☽)→Follow Me(♟) →AP mode(⌖)

The selected symbol will flash on the display area, press the OK button to confirm.

TEMP ∨
Decreases temperature in 1°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.

MODE
Scrolls through operation modes as follows: AUTO → COOL → DRY → HEAT → FAN

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 ......

OK
Used to confirm the selected functions

TIMER
Set timer to turn unit on or off

BREEZE AWAY (not available)
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

CLEAN
Used to start/stop the Self Clean or Active Clean function. (Model dependent, please refer to the USER'S OPERATION & INSTALLATION MANUAL).

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

Turbo
Enables unit to reach preset temperature in shortest possible time

Model: RG10A(D2S)

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 How to Use Basic Functions section of this manual.

Remote Screen Indicators

Breeze Away display - not available

Active clean feature display

Fresh feature display - not available

Sleep mode display

Follow me feature display

Wireless control feature display

Low battery detection display(flashing)

Transmission Indicator
Lights up when remote
sends signal to indoor
unit

ON
TIMER ON display
OFF
TIMER OFF display

Silence feature
display

MODE display
Displays the current mode,
including:

AUTO COOL DRY HEAT FAN

SET TEMP. eco GEAR

ECO display
Displays when ECO
feature is activated

GEAR display
Displays when GEAR
feature is activated

LOCK display
Displays when LOCK feature
is activated.

AUTO

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/
  (20-28°C/68-82°F)
  (Model dependent)
- Timer setting range:
  0-24 hours
- Fan speed setting range:
  AU -100%

This display is blank when
operating in FAN mode.

FAN SPEED display
Displays selected fan speed:

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

This fan speed can not be
adjusted in AUTO or DRY
mode.

Note: [*]
Not all the models can display
the fan speed values between
AU-100%.

A B

Horizontal louver
swing display

Vertical louver auto
swing display

TURBO mode display

A   Not available for
B   this unit

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

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

AUTO Mode

MODE

- Select AUTO mode

- Set your desired temperature
- Turn on the air conditioner

NOTE

1. In AUTO mode, the unit will automatically select the COOL, FAN, or HEAT function based on the set temperature.
2. In AUTO mode, fan speed can not be set.

COOL or HEAT Mode

- Select COOL/HEAT mode
- Set the temperature
- Set the fan speed
- Turn on the air conditioner

DRY Mode

- Select DRY mode
- Set your desired temperature
- Turn on the air conditioner

NOTE: In DRY mode, fan speed can not be set since it has already been automatically controlled.

FAN Mode

- Select FAN mode
- Set the fan speed
- Turn on the air conditioner

NOTE: In FAN mode, you can't set the temperature. As a result , no temperature displays in remote screen.

Setting the TIMER

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

TIMER ON setting
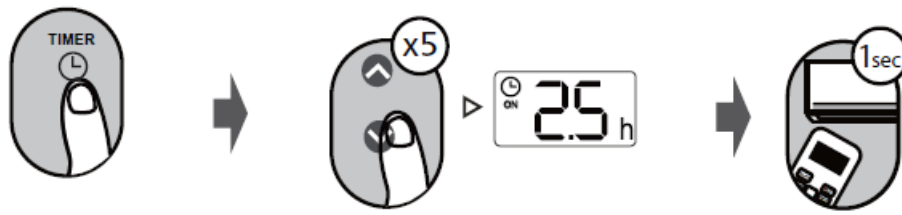
- Press TIMER button to initiate the ON time sequence.
- Press Temp. up or down button for for multiple times to set the desired time to turn on the unit.
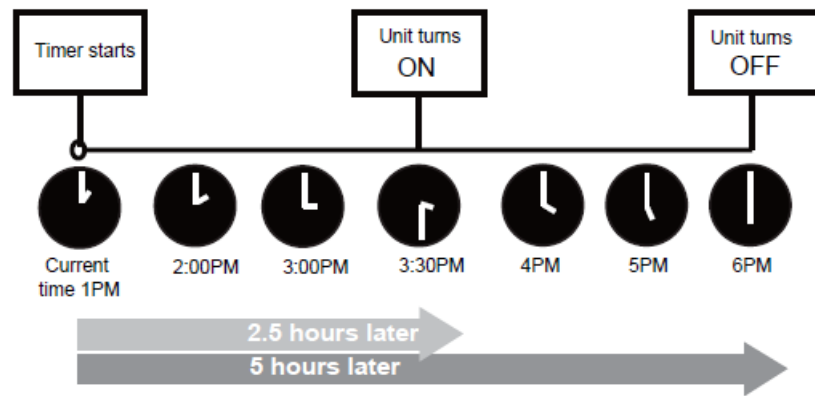- Point remote to unit and wait 1sec, the TIMER ON will be activated.

TIMER OFF setting
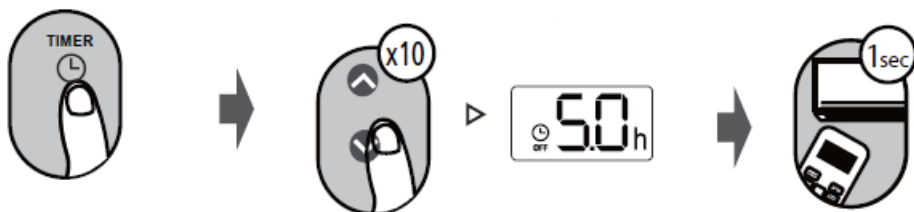
- Press TIMER button to initiate the OFF time sequence.
- Press Temp. up or down button for for multiple times to set the desired time to turn off the unit.
- Point remote to unit and wait 1sec, the TIMER OFF will be activated.

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)

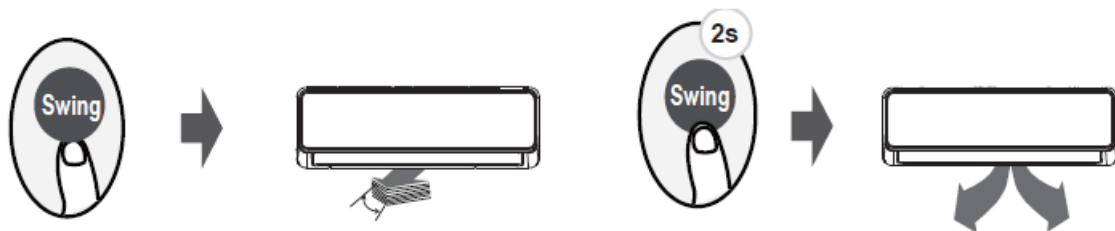Keep in mind that the time periods you set for both functions refer to hours after the current time.
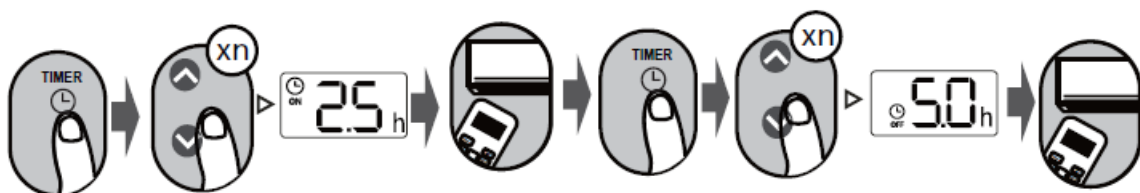
Example: If current timer is 1:00PM, to set the timer as above steps, the unit will turn on 2.5h later (3:30PM) and turn off at 6:00PM.

Timer starts

Unit turns ON

Unit turns OFF

Current time 1PM | 2:00PM | 3:00PM | 3:30PM | 4PM | 5PM | 6PM

2.5 hours later

5 hours later

How to Use Advanced Functions

Swing function

Press Swing button

Swing function

- 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. (Model dependent)

LED DISPLAY

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

ECO/GEAR function

Press X-ECO 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 Ois less than 24 C/75 F). If the set temperature is above 24 C/75 F, press the ECO button,O O 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 tmeperature should be 24 C/75 F or above, it may result inO O 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% electrial energy consumption)
- 50%(up to 50% electrial energy consumption)

Previous setting mode

- Under GEAR operation, the display on the remote controller will alternage between electical energy consumption and set temperature.

Silence function

Keep pressing Fan button for more than 2 seconds to activate/disable Silence function. Due to low frequency operation of compressor, it may result in insufficient cooling and heating capacity. Pressing ON/OFF, Mode, Sleep, Turbo or Clean button while operating will cancel silence function.
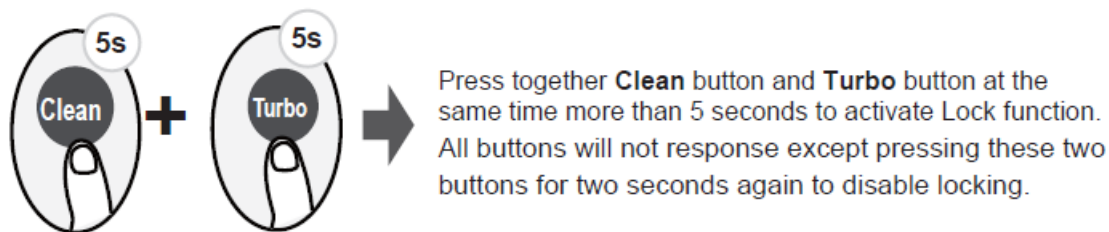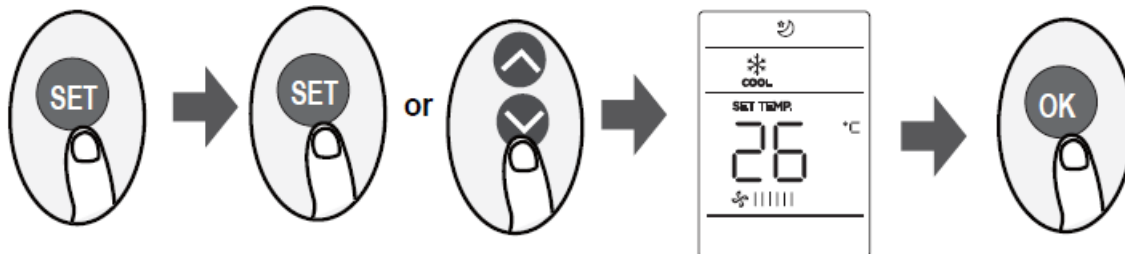
8°C function

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

Pressing On/Off, Sleep, Mode, Fan and Temp. button while operating will cancel this function.

LOCK function

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

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
  - Sleep 🌙 Follow Me 👤 AP mode 📶

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 control. ,For the detail, see sleep operation in.

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 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 control(instead of from the indoor unit itself) will enable the air conditioner to optimize the temperature around you and ensure maximum comfort.

NOTE: Press and hold Turbo button for seven seconds to start/stop memory feature of Follow Me function.

- If the memory feature is activated, displays for 3 seconds on the screen.
- If the memory feature is stopped, 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.

AP function 📶

Choose AP mode to do wireless network configuration. For some units, it doesn't work by pressing the SET

button. To enter the AP mode, continuously press the LED button seven times in 10 seconds.

All the pictures in the manual are for explanatory purposes only. The actual shape of the unit you purchased may be slightly different, but the operations and functions are the same. The company may not be held responsible for any misprinted information. The design and the specifications of the product for reasons, such as product improvement, are subject to change without any prior notice.

Please consult with the manufacturer at +30 211 300 3300 or with the Sales agency for further details. Any future updates to the manual will be uploaded to the service website, and it is advised to always check for the latest version.

Scan here to download the latest version of this manual: www.inventorairconditioner.com/media-library

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Documents / Resources

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AR5VI-09WiFi, AR5VI-12WiFi, AR5VI-18WiFi, AR5VI-24WiFi, Air Conditioning, Remote Controller, Remote Controller AC, AC, Air Conditioning System Remote Controller

References

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