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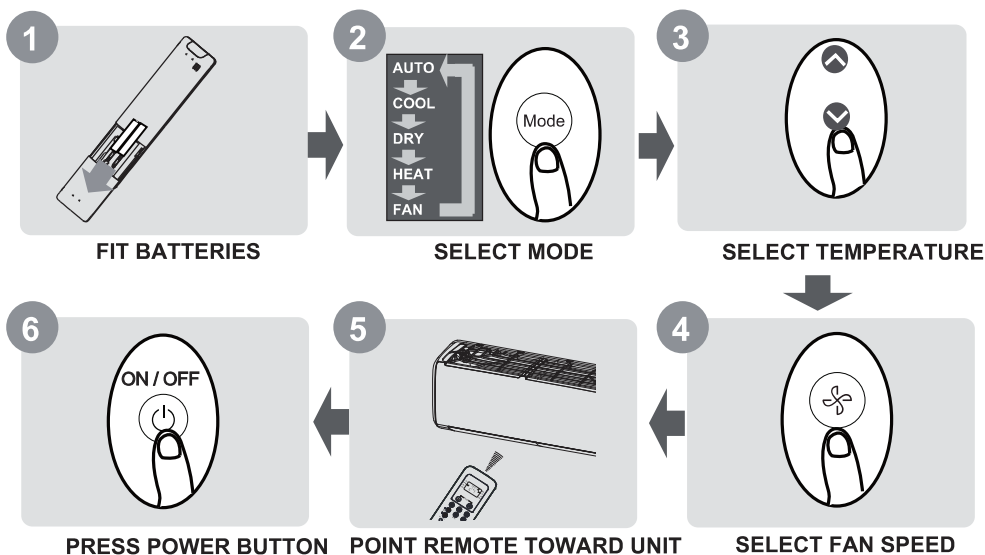
IMPORTANT NOTE:

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.

Remote Controller Specifications

Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Signal Receiving Range	8m
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

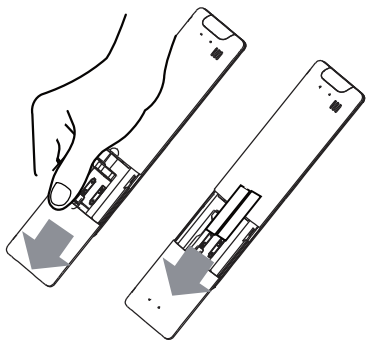
- Button designs on your unit may differ slightly from the example shown.
- If the indoor unit does not have a particular function, pressing that function's button on the remote control will have no effect.
- When there are wide differences between "Remote controller Manual" and "USER'S MANUAL" on function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

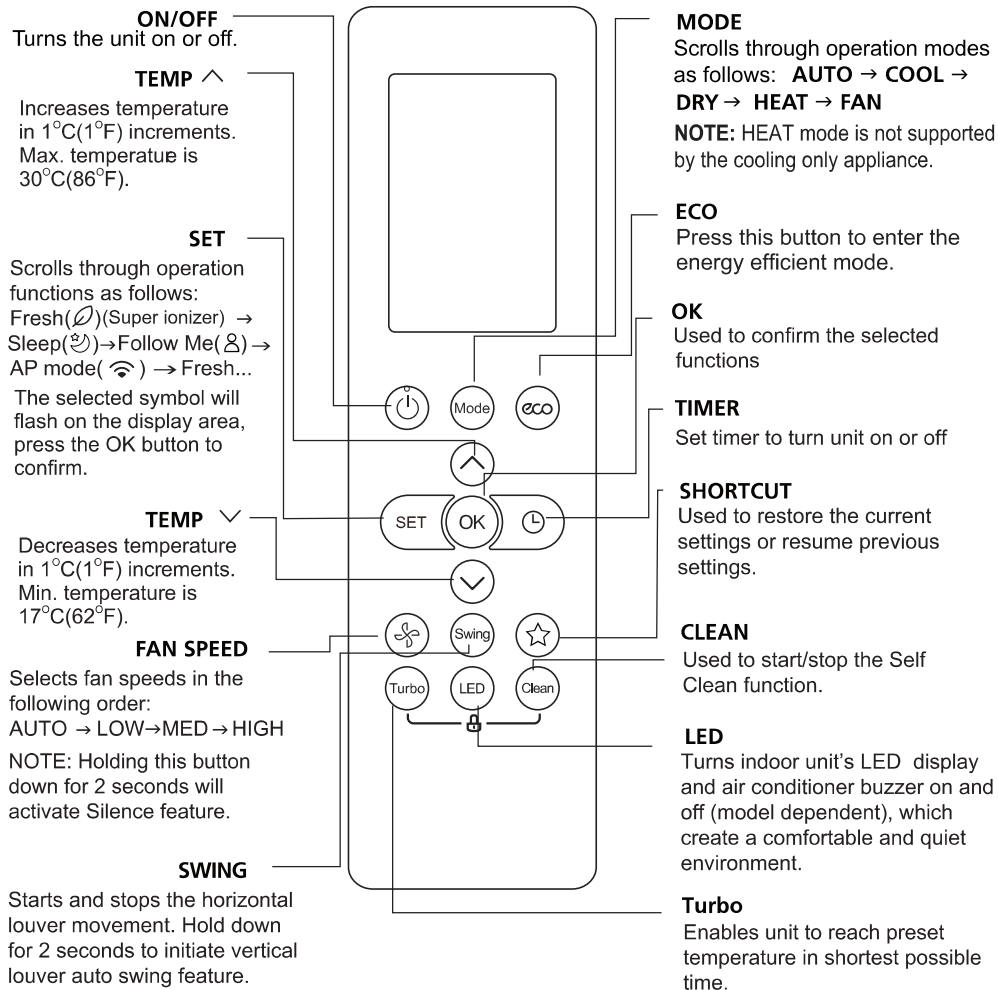
NOTES FOR USING REMOTE CONTROL

The device could comply with 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.

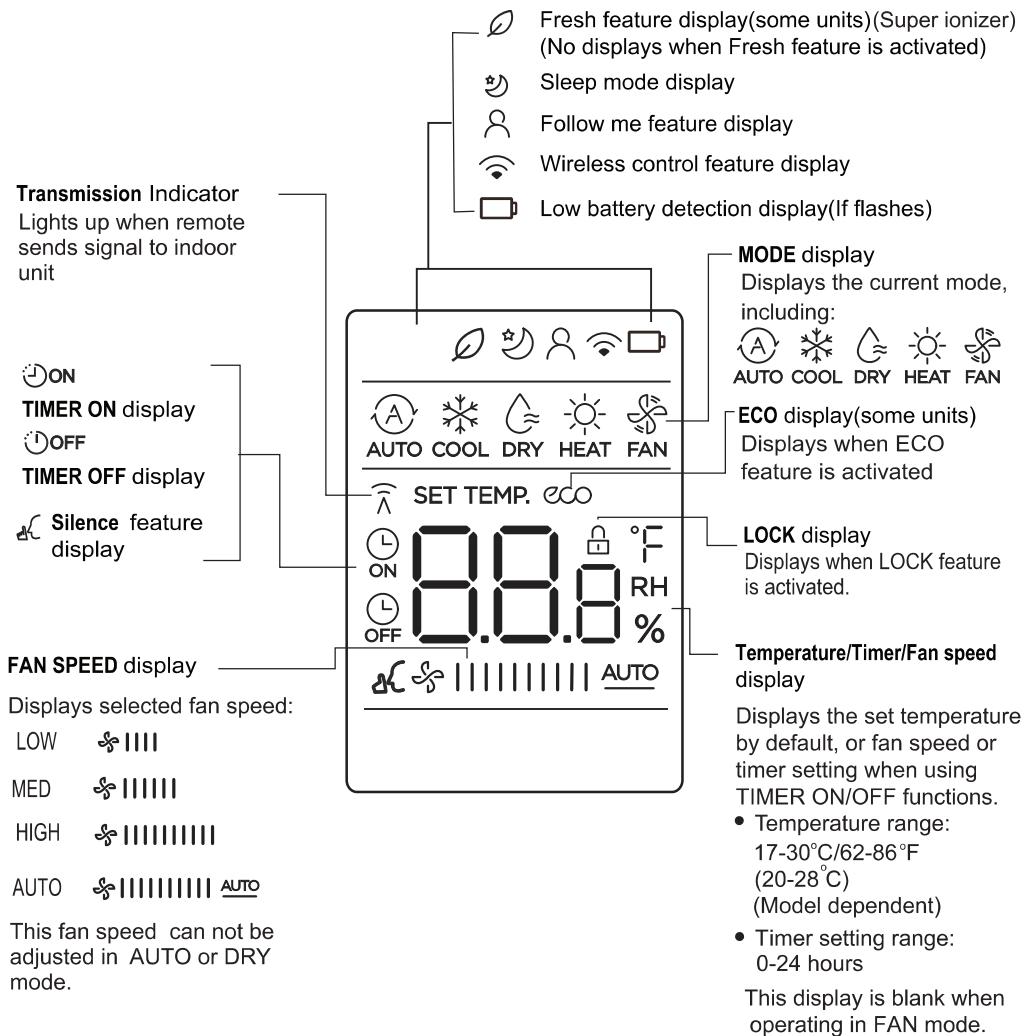
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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.



Remote Screen Indicators

Information are displayed when the remote controller is power up.



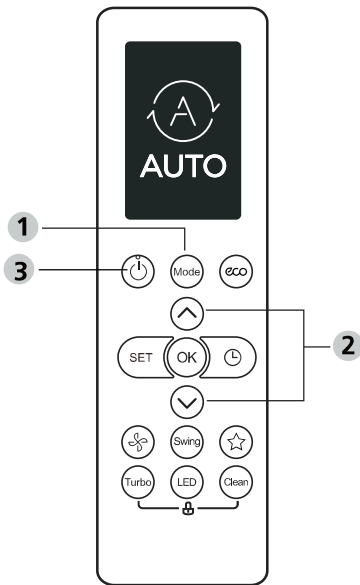
Note:

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** $\wedge$ or **TEMP** $\vee$ button.
3. Press **FAN** button to select the fan speed: AUTO, LOW, MED or HIGH.
4. Press the **ON/OFF** button to start the unit.

SETTING TEMPERATURE

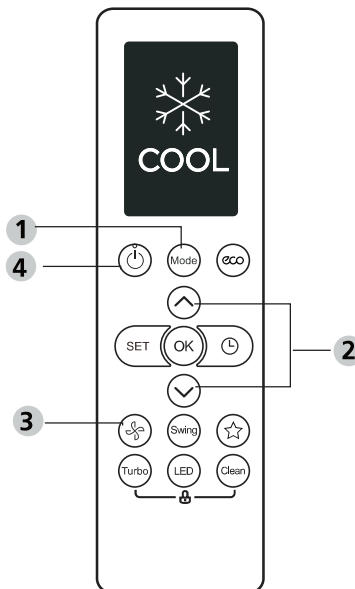
The operating temperature range for units is 17-30°C (62-86°F)/20-28°C. You can increase or decrease the set temperature in 1°C (1°F) increments.

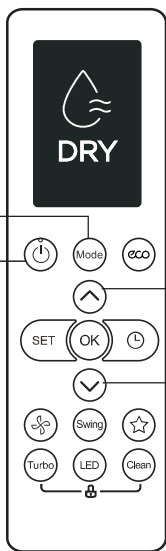
AUTO Mode

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** $\wedge$ or **TEMP** $\vee$ button.
3. Press the **ON/OFF** button to start the unit.

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

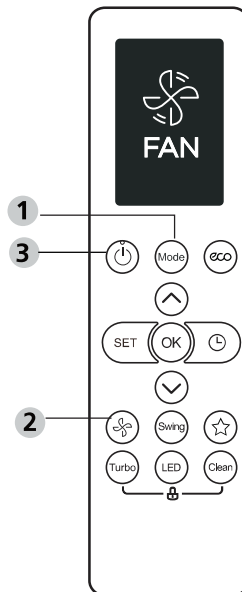




DRY Mode (dehumidifying)

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

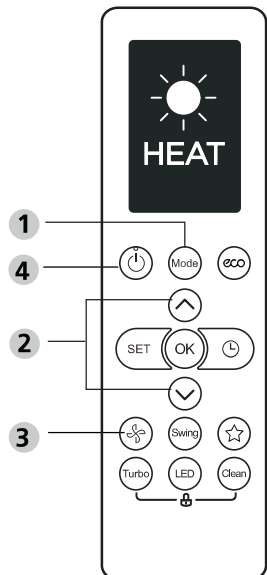
NOTE: FAN SPEED cannot be changed in DRY mode.



FAN Mode

1. Press the **MODE** button to select **FAN** mode.
2. Press **FAN** button to select the fan speed: AUTO, LOW, MED or HIGH.
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.



When this operating mode is active, the unit operates in cooling mode until the ambient temperature reaches 10 °C, then the unit stops. When the ambient temperature exceeds 12 °C, the unit resumes operation in cooling mode. The fan speed cannot be changed.

HEAT Mode

1. Press the **MODE** button to select **HEAT** mode.
2. Set your desired temperature using the **TEMP** $\wedge$ or **TEMP** $\vee$ button.
3. Press **FAN** button to select the fan speed: AUTO, LOW, MED or HIGH.
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.

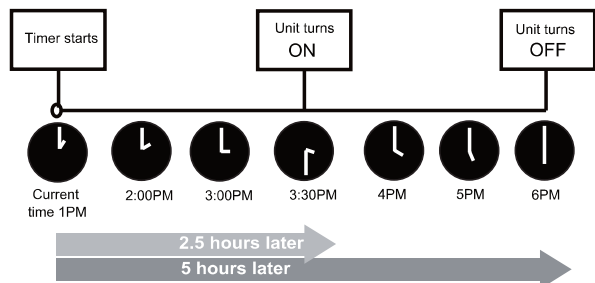
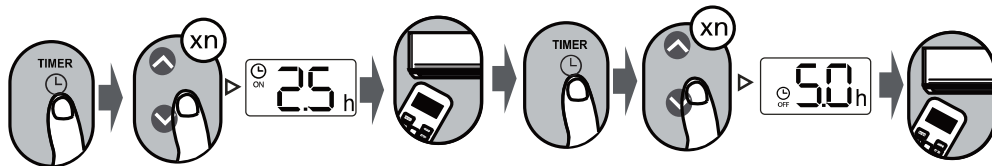


NOTE:

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 0.0h 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.

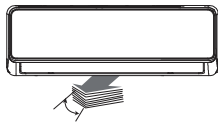


Example: If current timer is 1:00PM, to set the timer as above steps, the unit will turn on 2.5h later (3:30PM) and turn off at 6:00PM.

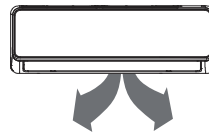
How to Use Advanced Functions

Swing function

Press Swing button

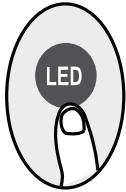


The horizontal louver will swing up and down automatically when pressing Swing button. Press again to make it stop.



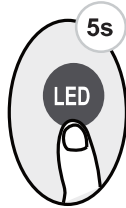
Keep pressing this button more than 2 seconds, the vertical louver swing function is activated. (Model dependent)

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 (some units)

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.

Silence function



Keep pressing Fan button for more than 2 seconds to activate/disable Silence function (some units).

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 silence function.

ECO function

Press ECO button(some units)



Press ECO button to enter the energy efficient mode.

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.

FP function



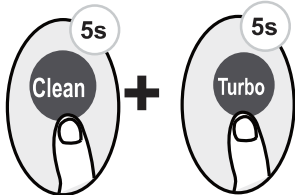
The unit will operate at high fan speed (while compressor on) with temperature automatically set to 8°C/46°F.

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 17°C/62°F or 20°C/68°F to activate FP function.

Press 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.

SHORTCUT function

Press SHORTCUT button(some units)



Push this button when remote controller is on, the system will automatically revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).

If pushing more than 2 seconds, the system will automatically restore the current operation settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).

Clean Function

Press CLEAN button



Airborne bacteria can grow in the moisture that condenses around heat exchanger in the unit. With regular use, most of this moisture is evaporated from the unit. By pressing the CLEAN button, your unit will clean itself automatically. After cleaning, the unit will turn off automatically. Pressing the CLEAN button mid-cycle will cancel the operation and turn off the unit. You can use CLEAN as often as you like.

Note: You can only activate this function in COOL or DRY mode.

TURBO Function

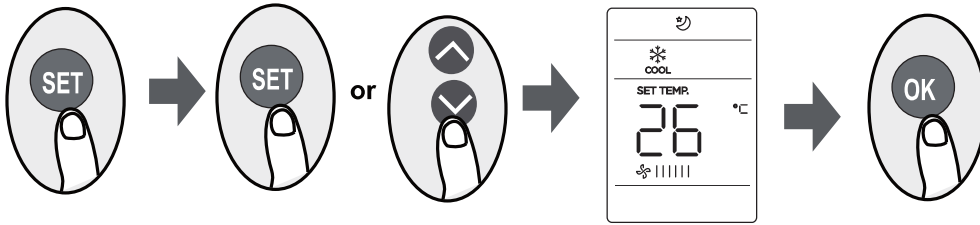
Press TURBO button



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, for units with Electric heat elements, the Electric HEATER will activate and jump-start the heating process.

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:
Fresh*(∅) → Sleep*(😊) → Follow Me(⌂) → AP mode(📶)
[*]: If your remote controller has Fresh and Sleep button, you can not use the SET button to select the Fresh and Sleep feature.

FRESH function(∅) (some units) :

When the FRESH function is initiated, the ion generator is energized and will help to purify the air in the room. (Super ionizer)

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 "USER'S MANUAL."

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

AP function(📶) (some units) :

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.

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, "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.

FAILURE DISPLAY

When there is failure in the unit operation the code of failure will be displayed. The following table describes the error messages represented by the code displayed on the Indoor Display. It should be noted that some error codes are specific only in conjunction with unit single Split or Multi-Split

Error

Error Code on Display	Error description	Notes
E0 / EH 00	Indoor unit EEPROM parameter error	Alarm
E1 / EL 01	Indoor / outdoor unit communication error	Alarm
E2 / EH 02	Zero-crossing signal detection error (for some models)	Alarm
E3 / EH 03	The indoor fan speed is operating outside of the normal range	Alarm
E4 / EH 60	Indoor room temperature sensor T1 is in open circuit or has short circuited	Alarm
E5 / EH 61	Evaporator coil temperature sensor T2 is in open circuit or has short circuited	Alarm
E7 / EH 0b	Indoor PCB / Display board communication error	Alarm
EC / EL 0C	Refrigerant leak detected	Alarm
F0 / PC 08	Current overload protection	Alarm
F1 / EC 53	Outdoor room temperature sensor T4 is in open circuit or has short circuited	Alarm
F2 / EC 52	Condenser coil temperature sensor T3 is in open circuit or has short circuited	Alarm
F3 / EC 54	Compressor discharge temperature sensor TP is in open circuit or has short circuited	Alarm
F4 / EC 51	Outdoor unit EEPROM parameter error	Alarm
F5 / EC 07	The outdoor fan speed is operating outside of the normal range (for some models)	Alarm
F6 / EC56	Evaporator coil outlet temperature sensor T2B is in open circuit or has short circuited (for free-match indoor units)	Alarm
P5	Indoor units mode conflict (match with multi outdoor unit)	Alarm
P0 / PC 00	IPM malfunction or IGBT over-strong current protection	Temporary protection
P1 / PC 01	Over voltage or over low voltage protection	Temporary protection
P2 / PC 02	High temperature protection of IPM module	Temporary protection
P4 / PC 04	Inverter compressor drive error	Temporary protection
PC03	Low pressure protection	Temporary protection
PC40	Communication error between outdoor main chip and compressor driver chip	Temporary protection

Some errors are reported by the display but do not generate the shutdown of the unit. It should report in every case to Technical Assistance. Some alarm can be caused by the poor maintenance of the units. It is recommended to perform this procedure before ask for the Technical Assistance.

Note for Multi Split applications

In case of simultaneously operating mode requested, any incompatibility will be signaled by the symbol P5. The system generally ensures priority to units set to Heat.

Compatibility Table

		Unit 2 setting (Unit turning on)			
		Cool	Heat	Dry	Fan
Unit 1 setting (Unit On)	Cool	OK	(1)	OK	OK
	Heat	(2)	OK	(2)	(2)
	Dry	OK	(1)	OK	OK
	Fan	OK	(1)	OK	OK

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