



OWNER'S MANUAL

AIR CONDITIONER



Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

TYPE: WALL MOUNTED

EN ENGLISH

FR FRANÇAIS

AR العربية

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This manual may contain images or content different from the model you purchased.
This manual is subject to revision by the manufacturer.


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SAFETY INSTRUCTIONS

EN

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance.

The guidelines are separated into 'WARNING' and 'CAUTION' as described below.

 This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.

WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.

CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

IMPORTANT SAFETY INSTRUCTIONS

WARNING

To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Children in the Household

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.

Installation

- Do not install the air conditioner on an unstable surface or in a place where there is danger of it falling.
- Contact an authorized service center when installing or relocating the air conditioner.
- Install the panel and the cover of the control box safely.
- Do not install the air conditioner in a place where flammable liquids or gases such as gasoline, propane, paint thinner, etc., are stored.
- Make sure that the pipe and the power cable connecting the indoor and outdoor units are not pulled too tight when installing the air conditioner.
- Use standard circuit breaker and fuse that conform to the rating of the air conditioner.
- Do not input air or gas into the system except with the specific refrigerant.
- Use non-flammable gas (nitrogen) to check for leak and to purge air; using compressed air or flammable gas may cause fire or explosion.
- The indoor/outdoor wiring connections must be secured tightly, and the cable should be routed properly so that there is no force pulling the cable from the connection terminals. Improper or loose connections can cause heat generation or fire.
- Install dedicated electric outlet and circuit breaker before using the air conditioner.
- Do not connect the ground wire to a gas pipe, a lightning rod, or a telephone ground wire.
- Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.
- Do not install the unit in potentially explosive atmospheres.

Operation

- Be sure to use only those parts listed in the service parts list. Never attempt to modify the equipment.

- Make sure that children do not climb on or hit the outdoor unit.
- Dispose of the batteries in a place where there is no danger of fire.
- Use only the refrigerant specified on the air conditioner label.
- Cut off the power supply if there is any noise, smell, or smoke coming from the air conditioner.
- Do not leave flammable substances such as gasoline, benzene, or thinner near the air conditioner.
- Contact an authorized service center when the air conditioner is submerged by flood waters.
- Do not use the air conditioner for an extended period of time in a small place without proper ventilation.
- In the event of a gas leak (such as Freon, propane gas, LP gas, etc.) ventilate sufficiently before using the air conditioner again.
- Be sure to ventilate sufficiently when the air conditioner and a heating appliance such as a heater are used simultaneously.
- Do not block the inlet or outlet of air flow.
- Do not insert hands or other objects through the air inlet or outlet while the air conditioner is operating.
- Make sure that the power cable is neither dirty, loose, nor broken.
- Never touch, operate, or repair the air conditioner with wet hands.
- Do not place any objects on the power cable.
- Do not place a heater or other heating appliances near the power cable.
- Do not modify or extend the power cable. Scratches or peeling insulation on the power cables may result in fire or electric shock, and should be replaced.
- Cut off the power supply immediately in the event of a blackout or a thunderstorm.
- Take care to ensure that power cable could not be pulled out or damaged during operation.

- Do not touch refrigerant pipe, water pipe and any internal parts while the unit is operating or immediately after operation.

Maintenance

- Do not clean the appliance by spraying water directly onto the product.
- Before cleaning or performing maintenance, disconnect the power supply and wait until the fan stops.

Technical Safety

- Installation or repairs made by unauthorized persons can pose hazards to you and others.
- The information contained in the manual is intended for use by a qualified service technician who is familiar with the safety procedures and equipped with the proper tools and test instruments.
- Failure to read and follow all instructions in this manual can result in equipment malfunction, property damage, personal injury and/or death.
- The appliance shall be installed in accordance with national wiring regulations.
- When the power cord is to be replaced, the replacement work shall be performed by authorized personnel using only genuine replacement parts.
- This appliance must be properly grounded to minimize risk of electric shock.
- Do not cut or remove the grounding prong from the power plug.
- Attaching the earth wire to the power outlet cover screw does not ground the appliance unless the cover screw is metal, uninsulated, and the power outlet is grounded through house wiring.
- If you have any doubt whether the air conditioner is properly grounded, have the power outlet and circuit checked by a qualified electrician.

- The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. Consult a service agent or a similarly qualified person before disposing of them.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.

**CAUTION**

To reduce the risk of minor injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

Installation

- Do not install the air conditioner in an area where it is directly exposed to sea wind (salt spray).
- Install the drain hose properly for the smooth drainage of water condensation.
- Exercise caution when unpacking or installing the air conditioner.
- Do not touch the leaking refrigerant during installation or repair.
- Transport the air conditioner with two or more people or use a forklift.
- Install the outdoor unit such that it is protected from direct sunlight. Do not place the indoor unit in a place where it is directly exposed to sunlight via the windows.
- Safely dispose of packing materials such as screws, nails, plastic bag or batteries using proper packaging after installation or repair.
- Install the air conditioner in a place where the noise from the outdoor unit or the exhaust fumes will not inconvenience the neighbors. Failure to do so may result in conflict with the neighbors.

Operation

- Remove the batteries if the remote control is not to be used for an extended period of time.

- Make sure that the filter is installed before operating the air conditioner.
- Be sure to check if there is a refrigerant leak after installing or repairing the air conditioner.
- Do not place any object on the air conditioner.
- Never mix different types of batteries, or old and new batteries for the remote control.
- Do not let the air conditioner run for a long time when humidity is very high or when a door or a window has been left open.
- Stop using the remote control if there is a fluid leak in the battery. If your clothes or skin are exposed to the leaking battery fluid, wash off with clean water.
- Do not expose people, animals, or plants to the cold or hot wind from the air conditioner for extended periods of time.
- If the leaking battery fluid has been swallowed, rinse the inside of the mouth thoroughly and consult a doctor.
- Do not drink the water drained from the air conditioner.
- Do not use the product for special purposes, such as preserving foods, works of art, and etc. It is an air conditioner for consumer purposes, not a precision refrigeration system. There is risk of damage or loss of property.
- Do not recharge or disassemble the batteries.

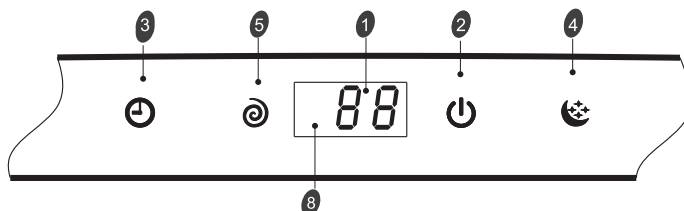
Maintenance

- Never touch the metal parts of the air conditioner when removing the micro dust filter.
- Use a sturdy stool or ladder when cleaning, maintaining, or repairing the air conditioner at a height.
- Never use strong cleaning agents or solvents when cleaning the air conditioner or spray water. Use a smooth cloth.
- To clean the interior, contact an authorized service center or dealer. Using harsh detergents may cause corrosion or damage to the unit.

DISPLAY INTRODUCTION

EN

Example:



NOTE

- The symbols may be different from these models, but the functions are similar.

NO	Display	Introduction
1	88	Temperature indicator Display set temperature. It shows FC after 200 hours of usage as reminder to clean the filter. After filter cleaning press the filter reset button located on the indoor unit behind the front panel in order to reset the display. (optional)
2		Running indicator It lights up when the AC is running. It flashes during defrosting.
3		Timer indicator It lights up during set time.
4		Sleep indicator It lights up in sleep mode.
5		Compressor indicator It lights up when the compressor is on.
6		Mode indicator Heating displays orange, others display white.
7		Fan speed indicator
8		Signal Receptor
9		Smart WIFI indicator It lights up during WIFI is on.
10		NANO indicator It lights up in NANO mode.
11		FAN ONLY mode indicator It lights up in FAN ONLY mode.
12		Airflow Follow You/Airflow Avoid You indicator
13		Humidity indicator It lights up in humidity mode.
14	AI	Artificial Intelligence Smart Running Indicator It lights up in AI mode.

Remote Controller

The remote controller transmits signals to the system.

1 ON/OFF BUTTON

The appliance will be started when it is energized or will be stopped when it is in operation, if you press this button.

2 MODE BUTTON

Press this button to select the operation mode.

3 FAN BUTTON

Used to select fan speed in sequence auto, high, medium or low.

4 ROOM TEMPERATURE SETTING BUTTONS

Used to adjust the room temperature and the timer, also real time.

6 SMART BUTTON (invalid for some models)

Used to enter fuzzy logic operation directly, regardless of the unit is on or off.

7 SWING BUTTON (invalid for some models)

Used to stop or start vertical adjustment louver swinging and set the desired up/down airflow direction.

8 SLEEP BUTTON

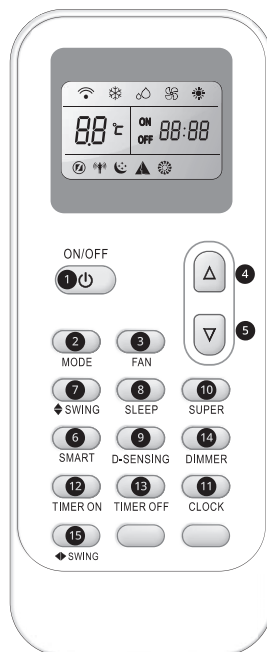
Used to set or cancel Sleep Mode operation.

9 D-SENSING BUTTON

Used to set D-SENSING mode operation. Press it once, the D-SENSING function will be started. Press it again, the D-SENSING function will be shut off. Advice to put the remote controller in the place where the indoor unit receive signal easily. Advice to cancel the D-SENSING mode so as to save energy when stopping the air conditioner.

10 SUPER BUTTON

Used to start or stop the fast cooling/heating. (Fast cooling operates at high fan speed with 16 °C set temp automatically; Fast heating operates at auto fan speed with 30 °C set temp automatically)



11 CLOCK BUTTON

Used to set the current time.

12 TIMER ON/OFF BUTTON

Used to set or cancel the timer operation.

14 DIMMER BUTTON (invalid for some models)

When you press this button, all the display of indoor unit will be closed. Press any button to resume display.

15 SWING BUTTON (invalid for some models)

Used to stop or start Horizontal adjustment louver swinging and set the desired left/right airflow direction.

Indication symbols on LCD:

❄ Cooling indicator

⚙ Auto fan speed

⚠ Smart indicator

📶

Signal transmit

☁ Dry indicator

⚙ High fan speed

🌙 Sleep indicator

ON OFF 88:88

Display set timer

🌀 Fan only indicator

⚙ Medium fan speed

🌙 D-Sensing

88 °C

Display current time

❄ Heating indicator

⚙ Low fan speed

🌙 Super indicator

Display temperature

NOTE

- Each mode and relevant function will be further specified in following pages.

How to Insert the Batteries

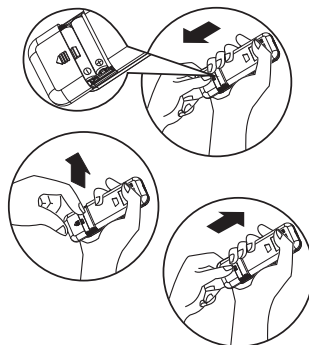
Remove the battery cover according to the arrow direction.

Insert new batteries making sure that the (+) and (-) of battery are matched correctly.

Reattach the cover by sliding it back into position.

NOTE

- Use 2 LR03 AAA(1.5 volt) batteries. Do not use rechargeable batteries.
- Replace batteries with new ones of the same type when the display becomes dim.

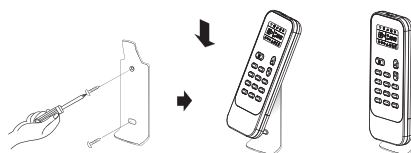


Storage and Tips for Using the Remote Controller

The remote controller may be stored mounted on a wall with a holder.

NOTE

- The remote controller holder is an optional part.



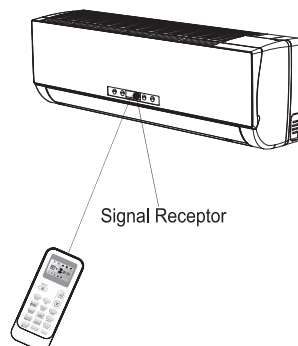
How to Use

To operate the room air conditioner, aim the remote controller to the signal receptor.

The remote controller will operate the air conditioner at a distance of up to 7 m when pointing at signal receptor of indoor unit.

⚠ CAUTION

- For appropriate signal transmission between remote controller and indoor unit, keep the signal receiver away from the following items:
 - Direct sunlight or other strong lights or heat
 - Flat panel television screen or other electrical appliances that react to the remote controller
- Additionally, the air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the indoor unit. If the signal may not be transmitted properly, either move these materials or consult your local dealer.



Operation Modes

Selecting Mode ①

Each time **MODE** button is pressed, the operation mode is changed in sequence:

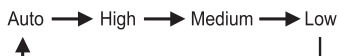


NOTE

- Heating mode is NOT available for cooling only air conditioner.

FAN Mode ②

Each time the **"FAN"** button is pressed, the fan speed is changed in sequence:



NOTE

- At "FAN ONLY" mode, only "High," "Medium" and "Low" are available.
- At "DRY" mode, Fan speed is set at "AUTO" automatically, "FAN" button is ineffective in this case.

Setting Temperature ③

Press once to raise temperature setting by 1 °C

Press once to lower temperature setting by 1 °C

Range of available set temperature	
*HEATING, COOLING	16 °C ~ 30 °C
DRY	-7 ~ 7
FAN ONLY	unable to set

NOTE

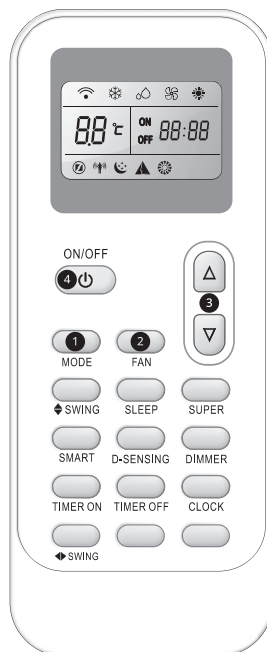
- Heating mode is NOT available for cooling only models.
- At "Dry" mode, the unit can decrease or rise 2 °C if you still feel uncomfortable. (For some models you can choose from -7 to 7.)

Turning On ④

Press button, when the appliance receives the signal, the RUN indicator of the indoor unit lights up.

NOTE


- SWING, SMART, TIMER ON, TIMER OFF, CLOCK, SLEEP and SUPER operation modes will be specified in the following pages.
- Changing modes during operation, sometimes the unit does not response at once. Wait 3 minutes.
- During heating operation, air flow is not discharged at the beginning. After 2-5 minutes, the air flow will be discharged until temperature of indoor heat exchanger rises.
- Wait 3 minutes before restarting the appliance.



Airflow Direction Control (invalid for some models)

Airflow Direction Control 5

Vertical airflow(Horizontal airflow) is automatically adjusted to a certain angle in accordance with the operation mode after turning on the unit.

The direction of airflow can be also adjusted to your own requirement by pressing the  button of the remote controller.

Operation mode	Direction of airflow
COOLING, DRY	horizontal
*HEATING, FAN ONLY	downward

NOTE

- Heating mode is only available for heat pump models.

Vertical Airflow Control (with the remote controller)

Using remote controller to set various angles of flow or specific angle as you like.

Swinging Airflow

Pressing " SWING" button once, the vertical adjustment louver will swing up and down automatically.

Desired Direction Airflow

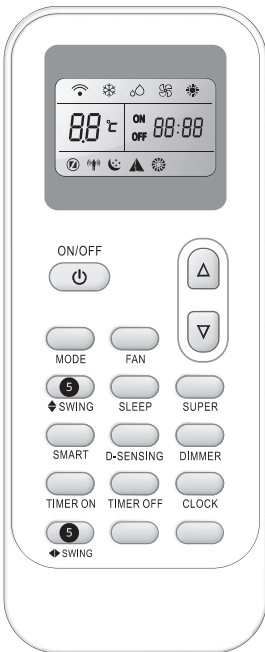
Pressing the " SWING" button again when the louvers swing to a suitable angle as desired.

Horizontal Airflow Control (with the remote controller)

Using remote controller to set various angles of flow or specific angle as you like.

Swinging Airflow

Pressing " SWING" button once, the horizontal adjustment louver will swing left and right automatically.



Desired direction airflow

Pressing the "◀ **SWING**" button again when the louvers swing to a suitable angle as desired.

NOTE

- If the unit doesn't have four ways airflow function, you can adjust horizontal airflow by yourself. (invalid for some models)
 - Do not turn the vertical adjustment louvers manually, otherwise malfunction may occur. If that happens, turn off the unit first and cut off the power supply, then restore power supply again.
 - It is better not to let the vertical adjustment louver tilt downward for a long time at COOLING or DRY mode to prevent condensed water from dripping.

SMART Mode (invalid for some models)

Press the **SMART** button, the unit enters SMART mode (fuzzy logic operation) directly regardless of the unit is on or off. In this mode, temperature and fan speed are automatically set based on the actual room temperature.

For the split-type models, such as wall-mounted air conditioners and some floor-standing air conditioners, their operation mode and set temperature should be determined based on the indoor temperature.

Heat Pump Models

Indoor temperature	Operation mode	Target temperature
21 °C or below	HEATING	22 °C
21 °C - 23 °C	FAN ONLY	
23 °C - 26 °C	DRY	Room temperature decrease 2 °C after operate for 3 minutes
Over 26 °C	COOLING	26 °C

Cooling Only Models

Indoor temperature	Operation mode	Target temperature
23 °C or below	FAN ONLY	
23 °C - 26 °C	DRY	Room temperature decrease 2 °C after operate for 3 minutes
Over 26 °C	COOLING	26 °C

NOTE

- Operation mode and temperature are determined by indoor temperature.

For commercial air conditioner products, such as cassette type air conditioners, duct type air conditioners, ceiling & floor air conditioners and some floor-standing air conditioners, their operation mode should be determined based on the difference between the indoor temperature and set temperature.

Heat Pump Models

Indoor temperature	Operation mode	Target temperature
Below T-3 °C	HEATING	T
$T-3\text{ °C} \leq T_{\text{indoor}} \leq T+3\text{ °C}$	FAN ONLY	T
Over T+3 °C	COOLING	T



Cooling Only Models

Indoor temperature	Operation mode	Target temperature
T+3 °C or below	FAN ONLY	T
Over T+3 °C	COOLING	T

NOTE

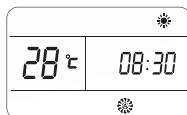
- The operation mode is determined by the difference between the indoor temperature and set temperature.
- **SMART** button is ineffective in SUPER mode. Press **MODE** button cancel SMATR mode.
- Temperature, airflow and direction are controlled automatically in SMART mode. However, For the on/off, you can choose from -2 to 2 (for some models you can choose from -7 to 7), for the inverter you can choose from -7 to 7, if you still feel uncomfortable.

What you can do in SMART Mode

Your feeling	button	Adjustment procedure
Uncomfortable because of unsuitable air flow volume.		Indoor fan speed alternates among High, Medium and Low each time this button is pressed.
Uncomfortable because of unsuitable flow direction.		Press it once, the vertical adjustment louver swings to change vertical airflow direction. Press it again, swings stops. For horizontal airflow direction, please refer to the previous page for details.

CLOCK Button

You can adjust the real time by pressing **CLOCK** button, then using **▲** and **▼** buttons to get the correct time, press **CLOCK** button again the real time is set.



SUPER Mode

SUPER mode is used to start or stop fast cooling or heating. In SUPER mode, the super indicator **⚡** will display on LCD.

Fast cooling operates at high fan speed, changing the set temperature automatically to 16 °C; Fast heating operates at auto fan speed, changing the set temperature automatically to 30 °C.

SUPER mode can be set when the appliance is in operation or energized.

In SUPER mode, you can set temperature, airflow direction or timer.

If you want to escape from SUPER mode, press **SUPER, MODE, FAN, ON/OFF** or **SLEEP** button, the display will return to the original mode.

NOTE



- **SMART** button is not available in SUPER mode.
- The Appliance will continue working in SUPER mode , if you don't escape from it by pressing any of the buttons mentioned above.
- Heating is NOT available for cooling only air conditioner.
- For the first generation of products, you can't set temperature in super mode, but you can press **TEMPERATURE SETTING** button to escape super mode.



Timer Mode

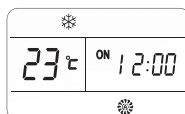
It is convenient to set the timer on with **TIMER ON** button when you go out in the morning to achieve a comfortable room temperature at the time you get home. You can also set timer off at night to enjoy a good sleep.







How to set TIMER ON

TIMER ON button can be used to set the timer programming as wished in order to switch on the appliance at your desired time.

Press **TIMER ON** button, "ON 12:00" flashes on the LCD, then you can press the  or  buttons to select your desired time for appliance on.

 Increase
 Decrease



- Press the  or  button once to increase or decrease the time setting by 1 minute.
- Press the  or  button 2 seconds to increase or decrease the time setting by 10 minute.
- Press the  or  button for a longer time to increase or decrease the time by 1 hour.

NOTE

- If you don't set the time in 10 seconds after you press **TIMER ON** button, the remote controller will exit the TIMER ON mode automatically.
- When your desired time displayed on LCD, press the **TIMER ON** button and confirm it.
 - A "beep" can be heard.
 - "ON" stops flashing.
 - The TIMER indicator on the indoor unit lights up.(invalid for some models)
- After the set timer displayed for 5 seconds the clock will be displayed on the LCD of the remote controller instead of set timer.

How to cancel TIMER ON

Press the **TIMER ON** button again, a "beep" can be heard and the indicator disappears, the TIMER ON mode has been canceled.

NOTE

- It is similar to set TIMER OFF, you can make the appliance switch off automatically at your desired time.

SLEEP Mode

SLEEP mode can be set in COOLING, HEATING or DRYING operation mode.

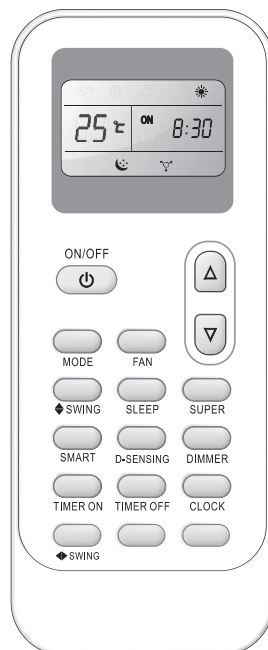
This function gives you a more comfortable environment for sleep.

In SLEEP mode;

- The appliance will stop operation automatically after operating for 8 hours.
- Fan speed is automatically set at low speed.
- Set temperature will rise by 2 °C at most if the appliance operates in cooling mode for 2 hours constantly, then keeps steady.
- Set temperature will decrease by 2 °C at most if the appliance operates in heating mode for 2 hours constantly, then keeps steady.

NOTE

- In cooling mode, if room temperature is 26 °C or above, set temperature will not change (invalid for some models).
- Heating is NOT available for cooling only air conditioner.
- Press **SUPER**, **SMART**, **MODE**, **SLEEP** or **FAN** button cancel SLEEP mode.



D-SENSING Mode

The temperature sensor built in remote controller is activated. It can sense its surrounding temperature, and transmit the signal back the unit, the unit can adjust the temperature so as to provide maximum comfort.

How to set D-SENSING mode?

- 1 Press the **D-SENSING** button once.
 - The transmit signal in the display will appear, and the D-SENSING function will be started.

NOTE

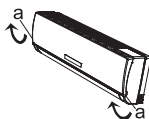
- Advice to put the remote controller in the place where the indoor unit receive signal easily.
- Advice to cancel the D-SENSING mode so as to save energy when stopping the air conditioner.

How to cancel D-SENSING mode?

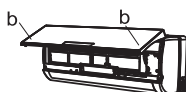
- 1 Press the **D-SENSING** button once again.
 - The transmit signal in the display will disappear, and the D-SENSING function will be shut off.

Front Panel Maintenance

- 1 Cut off the power supply.
 - Turn off the appliance first before disconnecting from power supply.
- 2 Grasp position "a" and pull outward to remove the front panel.



- 3 Wipe with a soft and dry cloth.
 - Use soft moisture cloth to clean if the front panel is very dirty.
- 4 Never use volatile substance such as gasoline or polishing powder to clean the appliance.
- 5 Never sprinkle water onto the indoor unit.
 - Dangerous!
 - Electric shock!
- 6 Reinstall and shut the front panel.
 - Reinstall and shut the front panel by pressing position "b" downward.



Air Filter Maintenance

- 1 Stop the appliance, cut off the power supply and remove the air filter.
 - Open the front panel.
 - Press the handle of the filter gently from the front.
 - Grasp the handle and slide out the filter.
- 2 Clean and reinstall the air filter.
 - If the dirt is conspicuous, wash it with a solution of detergent in lukewarm water. After cleaning, dry well in shade.
- 3 Close the front panel again.
 - Clean the air filter every two weeks if the air conditioner operates in an extremely dusty environment.
 - It is necessary to clean the air filter after using it for about 100 hours.

Operating Condition

Operating temperature for Inverter appliance

Temperature		Cooling operation	Heating operation	Drying operation
Indoor temperature	max	32 °C	27 °C	32 °C
	min	21 °C	7 °C	18 °C
Outdoor temperature	max	*note	24 °C	43 °C
	min	*note	-15 °C	21 °C

NOTE

- *Optimum performance will be achieved within these operating temperature. If air conditioner is used outside of the above conditions, the protective device may trip and stop the appliance.
- *Normally, the outdoor max temperature is 43 °C but some models will be achieved 46 °C 48 °C or 50 °C For Tropical (T3) Climate condition models, the outdoor max temperature is 55 °C
- *For some models, can keep cooling at -15 °C outdoor ambient via unique design. Normally, optimum cooling performance will be achieved above 21 °C Please consult the merchant to get more information.
- *For some models, can keep heating at -15 °C outdoor ambient , some models heat at -20 °C outdoor ambient, even heat at lower outdoor ambient.
- The temperature of some products is allowed beyond the range. In specific situation, please consult the merchant.
- When relative humidity is above 80%, if the air conditioner runs in COOLING or DRY mode with door or window opened for a long time, dew may drip down from the outlet.

Operating Temperature for ON-OFF Appliance

The protective device maybe trip and stop the appliance in the cases listed below.

HEATING	Outdoor air temperature is over 24 °C
	Outdoor air temperature is below -7 °C
	Room temperature is over 27 °C
COOLING	*note
	Room temperature is below 21 °C
DRY	Room temperature is below 18 °C

NOTE

- *Normally, the outdoor max temperature is 43 °C but some models will be achieved 46 °C 48 °C or 50 °C For Tropical (T3) Climate condition models, the outdoor max temperature is 55 °C
- The temperature of some products is allowed beyond the range. In specific situation, please consult the merchant.
- If the air conditioner runs in COOLING or DRY mode with door or window opened for a long time when relative humidity is above 80%, dew may drip down from the outlet.

Noise Pollution

Install the air conditioner at a place that can bear its weight in order to operate more quietly.

Install the outdoor unit at a place where the air discharged and the operation noise would not annoy your neighbors.

Do not place any obstacles in front of the air outlet of the outdoor unit lest it increases the noise level.

Features of Protector

The protective device will work at following cases.

Restarting the unit at once after operation stops or changing mode during operation, you need to wait for 3 minutes.

Connect to power supply and turn on the unit at once, it may start 20 seconds later.

If all operation has stopped, press **ON/OFF** button again to restart, Timer should be set again if it has been canceled.

Features of HEATING Mode

Preheat

At the beginning of the HEATING operation, the airflow from the indoor unit is discharged 2 - 5 minutes later.

Defrost

In HEATING operation the appliance will defrost (de-ice) automatically to raise efficiency.

This procedure usually lasts 2-10 minutes. During defrosting, fans stop operation.

After defrosting completes, it returns to HEATING mode automatically.

NOTE

- Heating is NOT available for cooling only air conditioner models.

TROUBLESHOOTING

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The following cases may not always be a malfunction, please check it before asking for service.

Trouble	Analysis
Does not run	<ul style="list-style-type: none"> • If the protector trip or fuse is blown. • Please wait for 3 minutes and start again, protector device may be preventing unit to work. • If batteries in the remote controller exhausted. • If the plug is not properly plugged.
No cooling or heating air	<ul style="list-style-type: none"> • Is the air filter dirty? • Are the intakes and outlets of the air conditioner blocked? • Is the temperature set properly?
Ineffective control	<ul style="list-style-type: none"> • If strong interference(from excessive static electricity discharge, power supply voltage abnormality)presents, operation will be abnormal. At this time, disconnect from the power supply and connect back 2 - 3 seconds later.
Does not operate immediately	<ul style="list-style-type: none"> • Changing mode during operation, 3 minutes will delay.
Peculiar odor	<ul style="list-style-type: none"> • This odor may come from another source such as furniture, cigarette etc, which is sucked in the unit and blows out with the air.
A sound of flowing water	<ul style="list-style-type: none"> • Caused by the flow of refrigerant in the air conditioner, not a trouble. • Defrosting sound in heating mode.
Cracking sound is heard	<ul style="list-style-type: none"> • The sound may be generated by the expansion or contraction of the front panel due to change of temperature.
Spray mist from the outlet	<ul style="list-style-type: none"> • Mist appears when the room air becomes very cold because of cool air discharged from indoor unit during COOLING or DRY operation mode.
The compressor indicator (red) lights on constantly, and indoor fan stops.	<ul style="list-style-type: none"> • The unit is shifting from heating mode to defrost. The indicator will light off within ten minutes and returns to heating mode.