

DAIKIN

DAIKIN ROOM AIR CONDITIONER

OPERATION MANUAL

MODELS

FCFV50A

FCFV60A

FCFV85A

FCFV100A

FCFV125A

Operation Manual
Handset Wireless

English

3P661416-2 B



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Note :

Illustrations in this manual are for explanation to user only. And may differ from the actual machine. Are subject to change without prior notice. For the development of future products.

Safety precautions

	<p>Read the precautions in this manual carefully before operating the unit.</p>		<p>This appliance is filled with R32.</p>
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- After reading, keep this manual in a convenient place so that you can refer to it whenever necessary. If the equipment is transferred to a new user, be sure also to hand over the manual.
- Keep this manual where the operator can easily find them.
- Read all safety precautions in this manual carefully before operating the unit.
- For safety reason the operator must read the following cautions carefully.
- The precautions described herein are classified as WARNING and CAUTION. They both contain important information regarding safety. Be sure to observe all precautions without fail.

<p> WARNING</p> <p>Failure to follow these instructions properly may result in personal injury or loss of life.</p>	<p> CAUTION</p> <p>Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.</p>
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Never attempt.



Be sure to establish an earth connection.



Never touch the air conditioner nor the remote controller with wet hands.



Be sure to follow the instructions.



Never wet the air conditioner nor the remote controller with water.

WARNING

- The appliance must be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odour.
- In order to avoid fire, explosion or injury, do not operate the unit when harmful, among which flammable or corrosive gases, are detected near the unit.
- It is not good for health to expose your body to the air flow for a long time.
- Do not place objects, including rods, your fingers, etc., in the air inlet or outlet. Product malfunctioning, product or injury damage may result due to contact with the air conditioner's high-speed fan blades.
- Do not attempt to repair, dismantle reinstall or modify the air conditioner yourself as this may result in water leakage, electric shocks or fire hazards.
- Do not attempt to install or repair the air conditioner yourself. Improper workmanship may result in water leakage, electric shocks or fire hazards. Please contact your local dealer or qualified personnel for installation and maintenance work.
- Do not use flammable spray near the air conditioner, or otherwise fire may result.
- Do not place flammable items, such as spray cans, within 1 meter of the air outlet. The spray cans may explode as a result of hot air from the indoor or outdoor units.
- When the air conditioner is malfunctioning (giving off a burning odour, etc.) turn off power to the unit and contact your local dealer. Continued operation under such circumstances may result in a failure, electric shocks or fire hazards.
- Do not use a refrigerant other than the one indicated on the outdoor unit (R32) when installing, moving or repairing. Using other refrigerant may cause trouble or damage to the unit, and personal injury.



- The refrigerant used in the air conditioner is safe. Although leaks should not occur, if for some reason any refrigerant happens to leak into the room, make sure it does not come in contact with any flame as of gas heaters, kerosene heaters or gas range.
- If the air conditioner is not cooling properly, the refrigerant may be leaking, so call your dealer. When carrying out repairs accompanying adding refrigerant, check the content of the repairs with our service staff.
- Do not attempt to install the air conditioner by yourself. Incorrect work will result in water leakage, electric shocks or fire. For installation, consult the dealer or a qualified technician.
- In order to avoid electric shock, fire or injury, if you detect any abnormality such as smell of fire, stop the operation and turn off the breaker. And call your dealer for instructions.
- Do not wash the air conditioner with water, as this may result in electric shocks or fire.
- Do not place water containers (flower etc.) above the unit, as this may result in electric shocks or fire hazards.

- Be sure to install an earth leakage breaker. Failure to install an earth leakage breaker may result in electric shocks or fire.
- Only connect the air conditioner to the specified power supply circuit. Power suppliers other than the one specified may result in electric shocks, overheating and fires.

-
- Be sure to earth the unit. Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks.



CAUTION

- Be aware that prolonged, direct exposure to cool or warm air from the air conditioner, or to air that is too cool or too warm can be harmful to your physical condition and health.
- Do not use the air conditioner for purposes other than those for which it is intended. Do not use the air conditioner for cooling precision instruments, food, plants, animals or works of art as this may adversely affect the performance, quality and/or longevity of the object concerned.
- Do not expose plants or animals directly to airflow from the unit as this may cause adverse effects.
- Do not place appliances that produce naked flames in places exposed to the air flow from the unit as this may impair combustion of the burner.
- Do not block air inlets nor outlets. Impaired air flow may result in insufficient performance or trouble.
- Beware of fire in case of refrigerant leakage. If the air conditioner is not operating correctly, i.e. not generating cool or warm air refrigerant leakage could be the cause. Consult your dealer for assistance. The refrigerant within the air conditioner is safe and normally does not leak. However, in the event of a leakage, contact with a naked burner, heater or cooker may result in generation of noxious gas. Do not longer use air conditioner until a qualified service person confirms that the leakage has been repaired.
- Do not sit or place objects on the outdoor unit. Falling yourself or falling objects could cause injury.
- Do not place objects that are susceptible to moisture directly beneath the indoor or outdoor units. Under certain conditions, condensation on the main unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, resulting in fouling or failure of the object concerned.
- After prolonged use, check the unit stand and its mounts for damage. If left in a damaged condition, the unit may fall and cause injury.
- To avoid injury, do not touch the air inlet or aluminium fins of the indoor or outdoor units.
- The appliance is not intended for use by unattended young children or infirm persons. Impairment of bodily functions and harm to health may result.
- Children should be supervised to ensure that they do not play with the unit or its remote controller. Accidental operation by a child may result in impairment of bodily functions and harm health.
- Do not sit on the outdoor unit. Put things on the unit, or pull the unit. Doing so may cause accidents, such as falling or toppling down, thus resulting in injury, product malfunctioning, or product damage.
- Do not give impact to the indoor and outdoor units, or otherwise product damage may result.
- Do not place objects around the indoor unit. Doing so may have an adverse influence on the performance, product quality, and life of the air conditioner.
- Be careful not to let pets urinate on the air conditioner. Urination on the air conditioner may result in electric shocks or fire.
- Do not sit or hang on the up and down panel. The up and down panel may fall, and injury or product malfunctioning may result.
- Do not sway the up and down panel. The up and down panel may hit people or objects, and injury or property damage may result.
- Do not let children play around the up and down panel. Injury or property damage may result.
- Do not pull the wires. The wires may be broken and the up and down panel may fall, and injury or property damage may result.
- Do not locate obstacles in the up and down route. The up and down panel may fall, and injury or property damage may result.
- Do not bend or damage the wires. The wires may be broken and the up and down panel may fall, and injury or property damage may result.
- Do not put objects on the up and down panel, or otherwise production malfunctioning may result.
- Do not use an unstable stand at the time of operating or maintaining the air conditioner, or otherwise you may topple over or injury yourself.
- Locate the remote controller in places out of reach of children. The wrong operation of the remote controller may result in injury.



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- To avoid oxygen depletion, ensure that the room is adequately ventilated if equipment such as a burner is used together with the air conditioner.
 - Before cleaning, be sure to stop unit operation, turn the breaker off or remove the power cord. Otherwise, an electric shock and injury may result.
 - Do not connect the air conditioner to a power supply different from the one as specified. It may cause trouble or fire.
 - Depending on the environment, an earth leakage breaker must be installed. Lack of an earth leakage breaker may result in electric shocks.



- Arrange the drain hose to ensure smooth drainage. Incomplete draining may cause wetting of the building, furniture etc.
- Do not place objects in direct proximity of the outdoor unit and do not let leaves and other debris accumulate around the unit.
Leaves are a hotbed for small animals which can enter the unit.
Once in the unit, such animals can cause malfunctions, smoke or fire when making contact with electrical parts.

-
- To avoid electric shocks, do not operate with wet hands.



-
- Do not wash the indoor unit with excessive water, only use a slightly wet cloth.
 - Do not place things such as vessels containing water or anything else on top of the unit. Water may penetrate into the unit and degrade electrical insulations, resulting in an electric shock.



Installation site.

- To install the air conditioner in the following types of environments, consult the dealer.
 - Places with an oily ambient or where steam or soot occurs.
 - Salty environment such as coastal areas.
 - Places where sulfide gas occurs such as hot springs.
 - Places where snow may block the outdoor unit.
 - The indoor unit is at least 1m away from any television or radio set (unit may cause interference with the picture or sound).
 - The drain from the outdoor unit must be discharged to a place of good drainage.

Consider nuisance to your neighbours from noises.

- Also pay attention to operating noise.
 - Select the following kinds of location:
 - A. A place that can sufficiently withstand the weight of the air conditioner with less running noises and vibrations.
 - B. A place where warm airflow from the air outlet of the outdoor unit and operating noise do not cause a nuisance to neighbours.
 - Be sure there are no obstructions near the air outlet of the outdoor unit.
 - Obstructions may result in poor performance and increased operating noise. If abnormal noise occur, ask your dealer for advise.

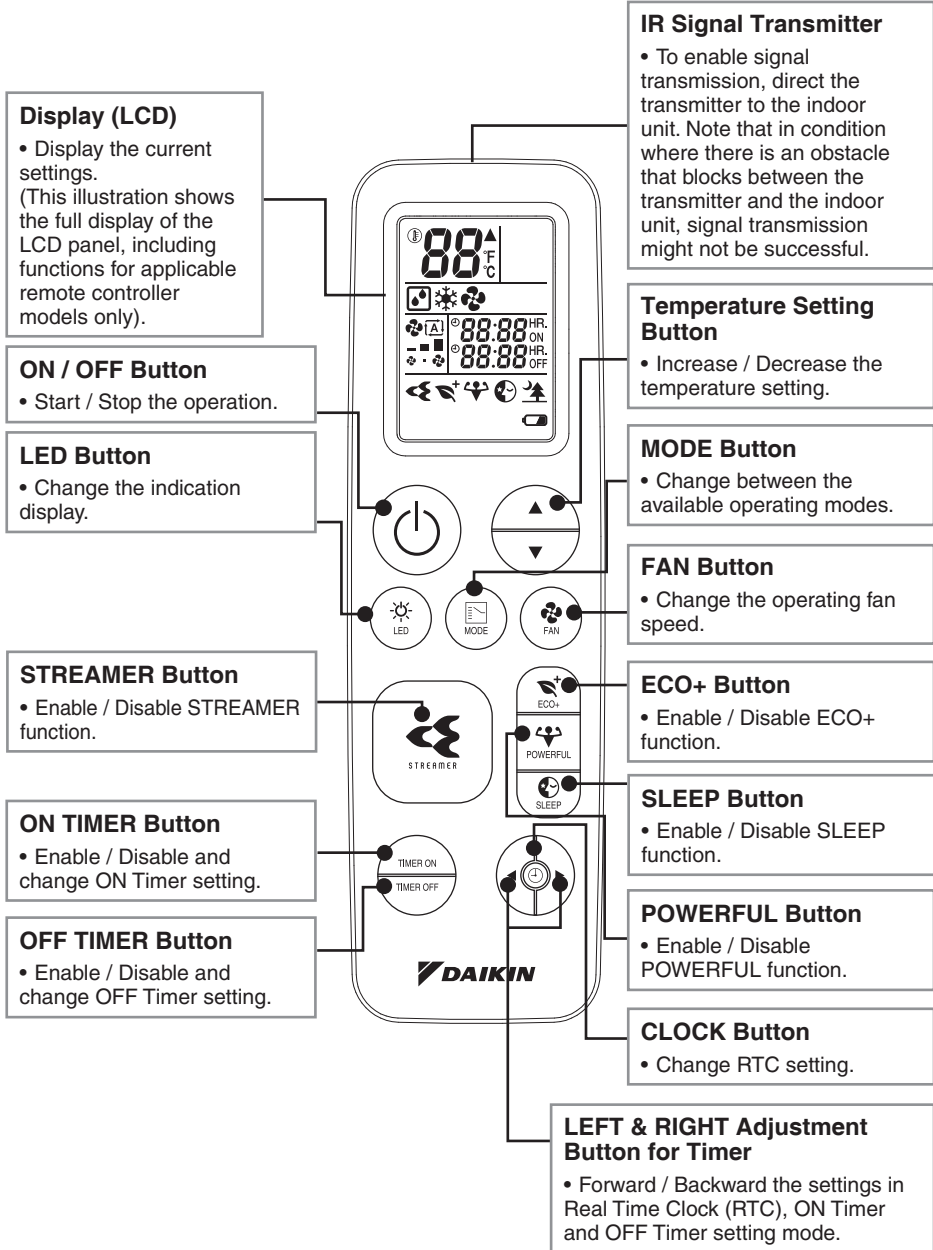
Electrical work.

- For power supply, be sure to use a separate power circuit dedicated to the air conditioner.

System relocation.

- Consult your Daikin dealer about remodelling and relocation.




REMOTE CONTROLLER OVERVIEW



PREPARATION BEFORE OPERATION

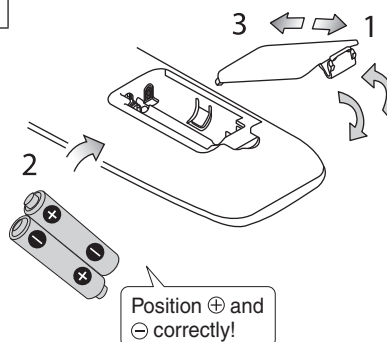
■ Accessories

The following accessories are included.

Drywall screw	Battery	Remote Controller Holder
		
2	2	1

■ To set the batteries

1. Release the battery cover at the back of the remote controller.
2. Insert two dry batteries (LR03:AAA).
3. Set the battery cover as before.



Disposal Requirements



The batteries supplied with the controller are marked with this symbol.

This means that the batteries shall not be mixed with unsorted household waste.

If a chemical symbol is printed beneath the symbol, this chemical symbol means that the battery contains a heavy metal above a certain concentration.

Possible chemical symbols are:

- Pb: lead (>0,004%)

Waste batteries must be treated at a specialized treatment facility for re-use. By ensuring correct disposal, you will help to prevent potential negative consequences for the environment and human health. Please contact your local authority for more information.

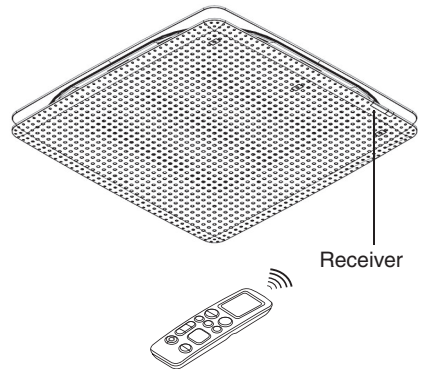
■ About batteries

- Remove the batteries from the remote controller if the air conditioner will not be used for an extended period of time.
- When replacing the batteries, it is advised to replace the both batteries together with batteries of the same type.
- Batteries should be replaced once a year. However, if the display of remote controller started to fade or there is a noticeable degradation in performance, replace both batteries with new AAA:LR03 batteries.
- The attached batteries are provided for initial use of the air conditioner. The usage period of these batteries depends on the manufactured date of the air conditioner.

PREPARATION BEFORE OPERATION

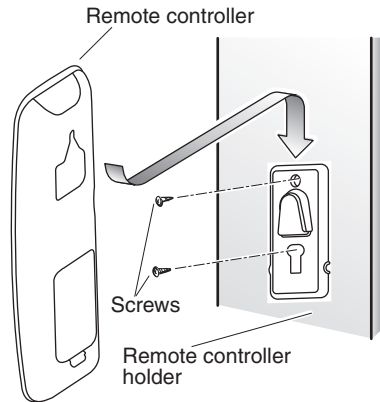
■ To operate the remote controller

- Aim the transmitter of the remote controller at the receiver of the indoor unit.
- Ensure there is no blockage such as curtain between the indoor unit and the remote controller, signal transmission will be unsuccessful.



■ To fix the remote controller holder on the wall

1. Choose a location where signal is able to reach the unit.
2. Fix the holder onto a wall, a pillar or etc with the screws supplied with the holder.
3. Place the remote controller on the holder.



■ About remote controller

- Do not drop nor wet the remote controller.
- Never expose the remote controller under direct sunlight.
- Dust on the transmitter lense cover will reduce the sensitivity.
- Signal communication may be affected if the air conditioner is being installed near an electronic-starter-type fluorescent lamp (such as inverter-type lamp) in the room.

PREPARATION BEFORE OPERATION

■ To set the clock



1. Press  button.

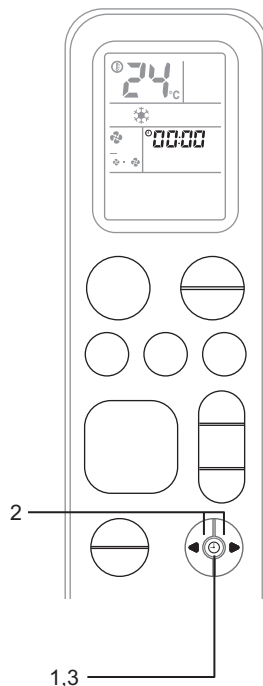
-  blinks.

2. Press  to set the clock to present time.

- Holding down ◀ or ▶ button rapidly increases or decreases the time display.

3. Press  button.

-  stop blinking, the present time will be displayed.
- For example, present time is 8 o'clock in the morning,  will be displayed.




▪ Notes

- Remote controller is automatically in clock setting mode upon battery insertion. Users are advised to complete the clock setting before operation.

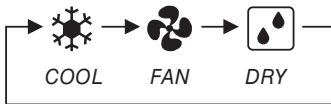
COOL ▪ FAN ▪ DRY OPERATION

■ To start operation

1. Press  button to start the unit operation.

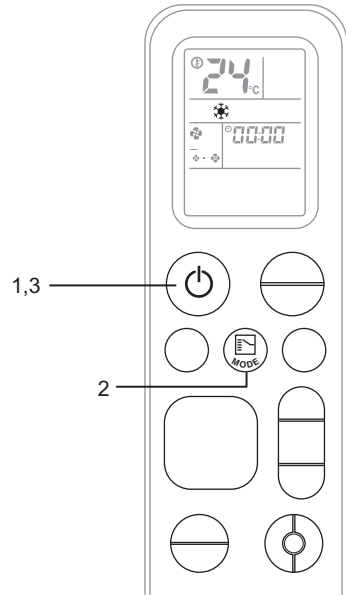
2. Press  button to choose the desired operation mode.

- Each pressing on the button advances the available operating mode in sequence below:



■ To stop operation

3. Press  button again to stop the unit operation.



▪ Notes

Operating Mode	Description
COOL	The air conditioner cools down the room by releasing the heat to outdoor unit.
FAN	The air conditioner indoor unit FAN will run in fan only.
DRY	The air conditioner operates to control the room humidity by regulating the indoor unit fan speed. Therefore, manual adjustment of the fan speed in DRY mode is not available.

▪ Notes on the operating conditions

- The air conditioner will always consume a small amount of electricity even in standby mode.
- Ensure that the power supply / breaker is switch off if the air conditioner is not going to be used for an extended period of time.

■ To change temperature setting

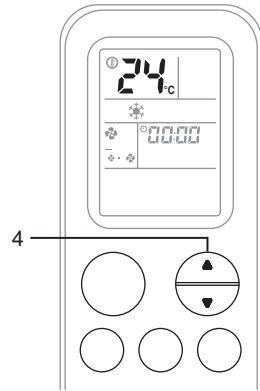
4. Press button.

- The temperature segments on LCD display shall change whenever ▲ or ▼ button is pressed.

Operating Mode	COOL	DRY & FAN
Set Temperature Range	16°C - 30°C	Not applicable

- Press simultaneously on ▲ and ▼ to change the temperature display unit in Celcius (°C) or Fahrenheit (°F).

- For example,  ➔ .



▪ Tips for energy saving

- Keeps the temperature setting at a moderate level (do not over-cool the room).
- Clean the air filters to prevent clogging that could contribute to inefficient operation and energy wastage.

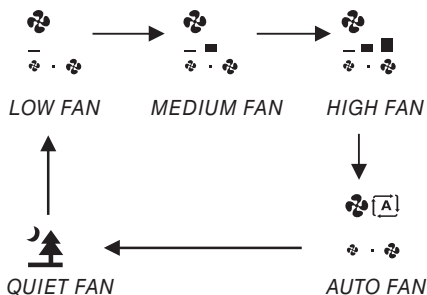
*** Recommended to clean the filter once every 2 weeks for regular user.*

■ To change fan speed setting

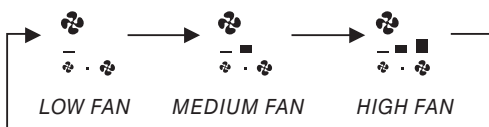
5. Press button.

- Each pressing on the button advances the fan speed mode in sequence.

• In COOL mode:



• In FAN mode:



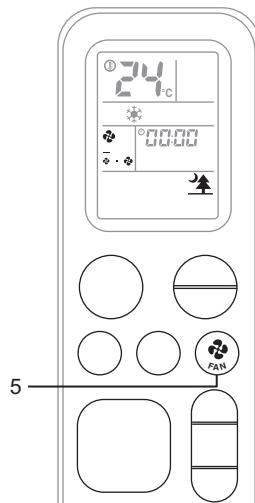
- Fan speed setting not available in **DRY** mode.

■ Notes on fan speed setting

- When fan speed is set to AUTO fan speed, the air flow rate will adjust automatically based on the room temperature and temperature setting selected by user.
- Cooling effect will be affected at lower air flow rate.

■ Notes on QUIET operation

- Indoor unit operating sound will appear to be lower during QUIET operation.
- The cooling effect will be lower in QUIET operation.
- QUIET operation will be stopped if fan speed is adjusted or POWERFUL operation is activated. Priority will be given to the last button pressed.
- QUIET operation only available in COOL mode.



STREAMER OPERATION

■ To switch on the STREAMER operation

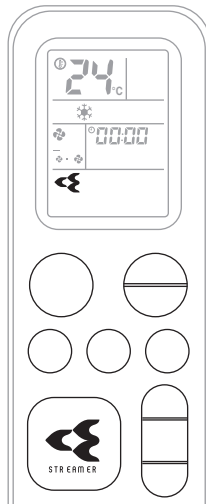
1. Press  button.

-  will be displayed on the LCD.

■ To switch off the STREAMER operation

2. Press  button.

-  will disappear from the LCD.



ECO+ OPERATION


■ To start ECO+ operation

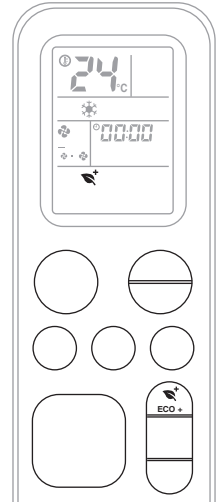
1. Press  button.

-  will be displayed on the LCD.

■ To cancel ECO+ operation

2. Press  button.

-  will disappear from the LCD. The previous setting used before ECO+ operation will be resumed.




■ Notes on ECO+ operation

- This operation adjust the operating condition to energy saving level by limiting the maximum power consumption of the air conditioner unit.
- ECO+ operation will be stopped if SLEEP operation is activated.
- ECO+ operation only available in COOL mode.

POWERFUL OPERATION


■ To start POWERFUL operation

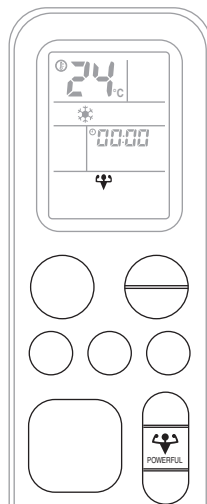
1. Press  button.

-  will be displayed on the LCD.
- POWERFUL operation ends in 20 minutes. The previous setting used before POWERFUL operation will be resumed.

■ To cancel POWERFUL operation

2. Press  button.

-  will disappear from the LCD. The previous setting used before POWERFUL operation will be resumed.




■ Notes on POWERFUL operation

- This operation cannot operate with QUIET & ECO+.
- In condition where POWERFUL operation is started, it will temporarily override the operation of other functions for 20 minutes.
- POWERFUL operation will be stopped if fan speed is adjusted. Priority will be given to the last button pressed.
- Indoor unit operating sound will appear to be louder during POWERFUL operation.
- POWERFUL operation will not increase the capacity of air conditioner if the air conditioner is already operating in its maximum capacity.
- POWERFUL operation only available in COOL mode.

SLEEP OPERATION


■ To start SLEEP operation

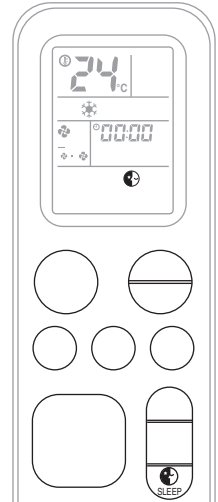
1. Press  button.

-  will be displayed on the LCD.
- LED Indication lights of unit will be dimmed down.

■ To cancel SLEEP operation

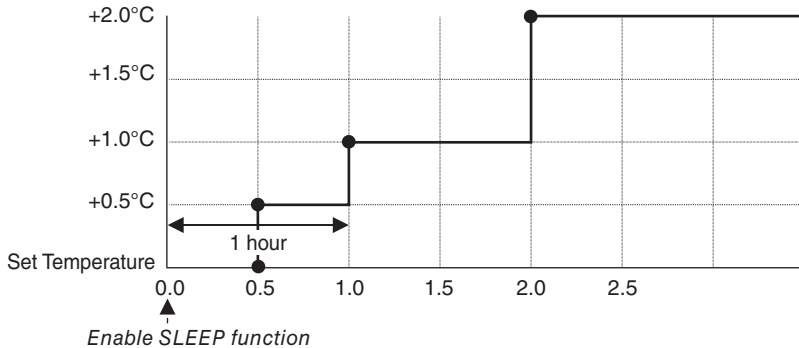
2. Press  button.

-  will disappear from the LCD. The previous setting used before SLEEP operation will be resumed.



■ Notes on SLEEP operation

- This operation automatically adjust the set temperature of the air conditioner to provide a comfort sleeping environment.



- SLEEP operation only available in COOL mode.
- SLEEP operation will be stopped if ECO+ or POWERFUL operation is activated.

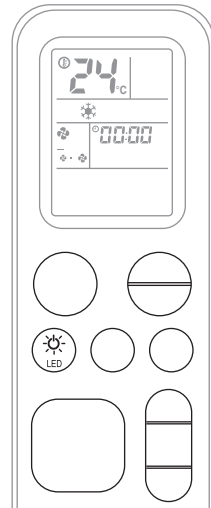
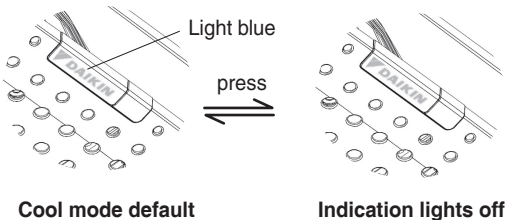
LED OPERATION

■ To change or switch off the indication display on the indoor unit

1. Press button.

- Each pressing on the button changes the indication display on the indoor unit.

- For example,



■ Notes on indoor unit indication display

For operating mode status indication display:

- COOL mode: Light blue
- TIMER ON/OFF: Yellow
- ECO+ mode: Green


TIMER OPERATION

■ To use OFF TIMER operation

- Ensure the clock setting is set to present time (refer to method to set the clock under preparation before operation).


1. Press  button.

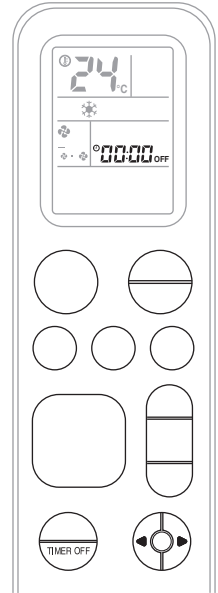
-  will be displayed on the LCD and blinks.

2. Press  to set the off timer setting.

- Holding down ◀ or ▶ button rapidly increases or decreases the time display.

3. Press  button again.

-  stop blinking, the OFF TIMER set will be displayed.



■ To cancel OFF TIMER operation


4. Press  button to cancel the OFF TIMER.

■ To use ON TIMER operation

- Ensure the clock setting is set to present time (refer to method to set the clock under preparation before operation).


1. Press  button.

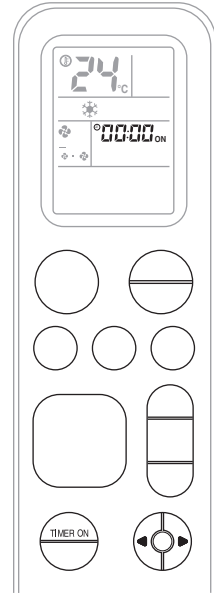
-  will be displayed on the LCD and blinks.

2. Press  to set the on timer setting.

- Holding down ◀ or ▶ button rapidly increases or decreases the time display.

3. Press  button again

-  stop blinking, the ON TIMER set will be displayed.



■ To cancel ON TIMER operation

4. Press  button to cancel the ON TIMER.

▪ Notes on TIMER operation

- ON TIMER setting is sharing the same segment with CLOCK setting on the LCD display.
- LCD will display only the TIMER setting once ON TIMER and/or OFF TIMER is set.
- TIMER setting will auto exit if no button press after blink for 3s.

FAULT DIAGNOSIS

■ To perform error code diagnosis

1. Press and hold  or  button for 5 seconds.

•  blinks.

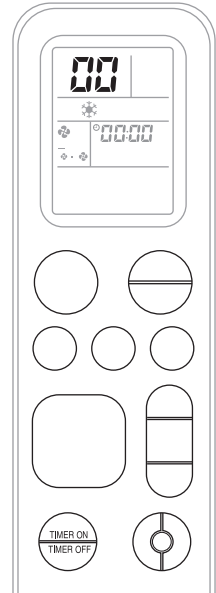


2. Press  to check on the error code.

• Press on the button until a long "beep" acknowledgement heard from the indoor unit.

■ To exit from error code diagnosis

3. Press and hold  or  button for 5 seconds.



▪ Notes

- A short "beep" and two consecutive "beep" acknowledgement from the indoor unit indicates a non-correspondence error code.
- A long "beep" acknowledgement from the indoor unit indicates a correspondence error code.
- User shall not attempt to repair or modify the air conditioner as any incorrect work may result in electric shock or fire.
- Consult the service personnel in case the air conditioner is found to be faulty.

■ Error code definition

Error Code	Meaning
00	Normal
A1	Hardware error (Tact switch pin short)
A3	Indoor drain pump abnormal
C4	Indoor heat exchanger (1) thermistor short / open
C9	Indoor room thermistor short / open
F6	Compressor overload

MAINTENANCE (For Service Personnel)

ONLY A QUALIFIED SERVICE PERSON IS ALLOWED TO PERFORM MAINTENANCE

⚠ WARNING

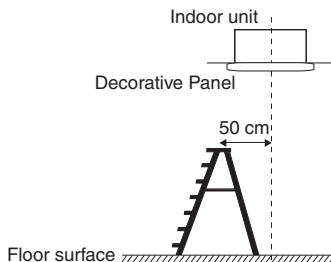
- Do not use flammable gas such as hair sprays and insecticides near the air conditioner.
- Do not wipe the air conditioner with benzene or thinner. It may cause cracks, electric shocks or a fire.
- Never put your fingers or rods in the air inlet or air discharge area.
The fan is rotating at high speed, so you would get injured.

⚠ CAUTION

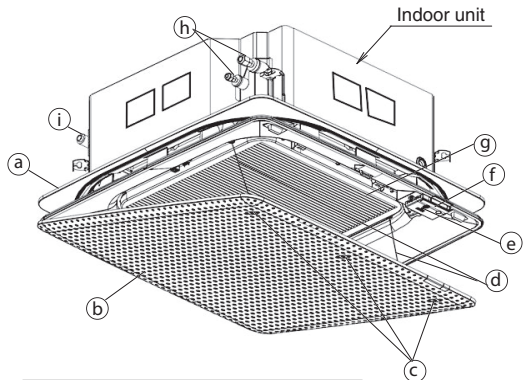
- Do not wash the air conditioner with water. It may cause electric shocks or a fire due to leakage.
- Make sure to turn off the air conditioner when taking care of the conditioner and disconnect the power supply breaker. Unless the power supply is disconnected, it may electric shock and injuries.
- When working at a high place, give caution to your footing.
If the scaffold is unstable, it may cause injuries due to fall and stumbling.

NOTES

- Do not remove the air filter unless for cleaning. It may cause failure.
- Do not attach substance (such as paper towels) other than the specified air filters to the air inlet.
The performance may drop and cause freeze-up/ water leakage.
- When accessing the suction grille or filter recommended to follow the guideline below for your footing:



- Names and functions of parts

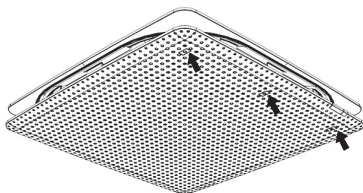


a	Top Panel
b	Suction Grille
c	Grille Fixture Cover
d	Safety String
e	ON/OFF Button
f	LED Indication Box
g	Air filter
h	Refrigerant Piping
i	Drain Pipe

HOW TO CLEAN THE AIR FILTER

1. Open the suction grille.

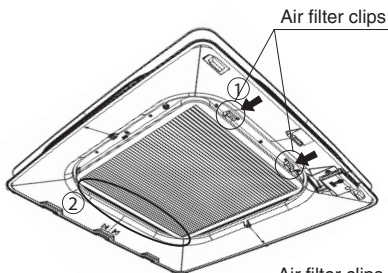
- Use tooling such as test pan to open all three grille fixture cover.



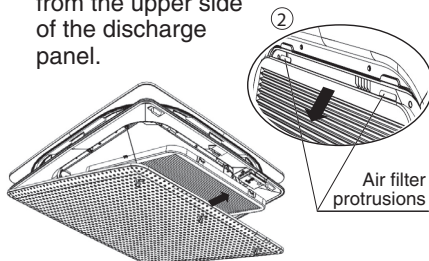
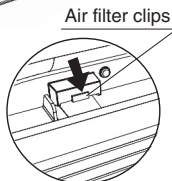
- Push the middle grille fixture to unlock the suction grille first and followed by the side fixtures.
- Open the suction grille gently and ensure the safety strings are hooked up to the metal bar.



2. Remove the air filter.

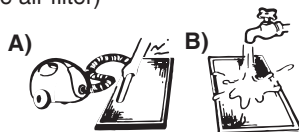


- Push the two clips at the end of the air filter to unlock it.
- Remove the air filter protrusions from the upper side of the discharge panel.



3. Clean the air filter.

- Using a vacuum cleaner
- Washing with water
 - When the air filter is very dirty, use soft brush and neutral detergent.
 - Remove water and dry in the shade. (Ensure to remove PM2.5 filter before cleaning the air filter)

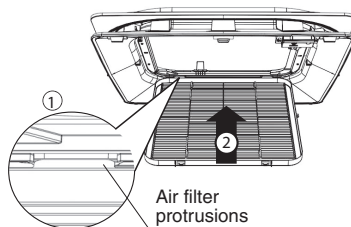


NOTES

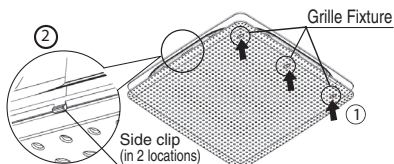
- Do not wash the air filter with water of 50°C or higher. It may cause discoloration and deformation.
- When drying the filter, do not heat it with fire. It may cause burning.
- Do not use such as gasoline, benzene, thinner, polishing powder and liquid insecticide sold in the market. It may cause discoloration and deformation.

4. Fix the air filter.

- Insert the air filter protrusions to the upper side slots of the discharge panel.
- Push the air filter upwards to hook the clips to discharge panel.



5. Shut the suction grille.



- Slowly raise suction grille and press at 3 points of the grille fixture part.
- Gently press at 2 sides shown to hook up to side clips of the top panel.

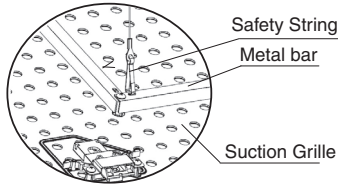
HOW TO CLEAN THE SUCTION GRILLE

1. Open the suction grille.

- Refer to Item No.1 of "HOW TO CLEAN THE AIR FILTER" section.

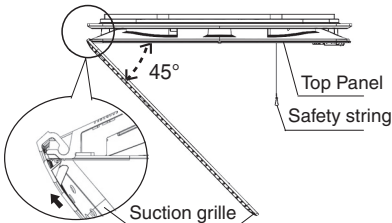
2. Remove the strings of the suction grille.

- Unhook the safety strings from the aluminium plate of the suction grille to which the strings are attached.



3. Detach the suction grille.

- Open the suction grille 45 degrees and lift it upward to detach it from the top panel hooks.

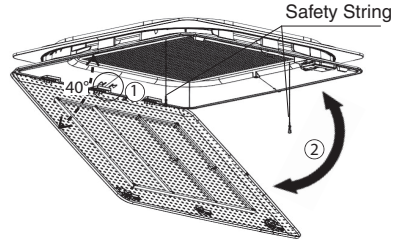


4. Clean the suction grille.

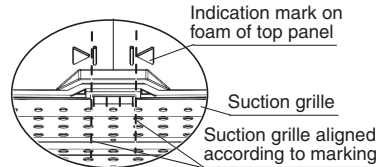
- Gently wash with a soft bristle brush and neutral detergent or water, and dry thoroughly.
- When badly soiled, spray with a typical kitchen cleanser and let sit for about 10 minutes. Then, rinse with water.



5. Reattach the suction grille.



- (1) Lean the suction grille at 40° and align the hooks of the suction grille to the top panel. Refer to alignment indication on the foam at the suction of the top panel.



- (2) After aligned, push the suction grille downwards slightly for another 10° so that the hooks latch to the top panel. Swing the suction grille up and down to check if it is installed properly.
- (3) Ensure to hook up the safety strings back to the metal bars of the suction grille.

6. Shut the suction grille.

- Refer to Item No.5 of "HOW TO CLEAN THE AIR FILTER" section.

NOTES

- Do not wash the suction grille with water of 50°C or higher. It may cause discoloration and deformation.
- When drying the suction grille, do not heat it with fire. It may cause burning.
- Do not use gasoline, benzene, thinner, polishing powder and liquid insecticide sold in the market. It may cause discoloration and deformation.

HOW TO CLEAN TOP PANEL AND REMOTE CONTROLLER

- Wipe with soft cloth gently so as to not damage any insulation on the surface.
- When it is difficult to remove stains, use water or neutral detergent.

NOTES

- Do not use water of 50°C or higher. It may cause discoloration and deformation.
- Do not use gasoline, benzene, thinner, polishing powder and liquid insecticide sold in the market. It may cause discoloration and deformation.

PM2.5 REPLACEMENT

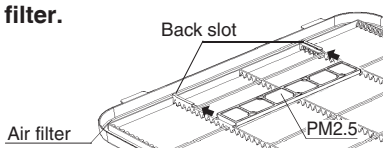
- Replace PM2.5 when it is full of dust.

1. Open the suction grille.

2. Remove the air filter.

- Refer to Item No.1&2 of "HOW TO CLEAN THE AIR FILTER" section.

3. Install PM2.5 into the back of the air filter.



CLEANING BEFORE AND AFTER SEASONAL USE

■ WHAT TO DO WHEN START UP AFTER A LONG STOP

1. Confirm the following.

- Check that the air inlet and outlet of indoor and outdoor unit are not blocked.
- Remove any obstacle.
- Obstacles may cause a reduction in the fan speed, which may decrease functionality, cause an increase in operation noise, or a malfunction of the equipment.

2. Clean the air filter and outside panel

- After cleaning the air filter, make sure to attach it. (Refer to "HOW TO CLEAN THE AIR FILTER")

3. Turn on the power circuit breaker at least 6 hours before operation.

- This is required in order to activate the air conditioner smoothly, and to protect air conditioner.

■ WHAT TO DO TO STOP THE AIR CONDITIONER FOR A LONG PERIOD

1. Turn on FAN OPERATION for a half day on the fine day and dry the indoor unit.

- This can prevent the causes of mould.

2. Turn off the power circuit breaker.

- During the power circuit breaker is turned on, some watts of electricity is being used even if the air conditioner is not operating.

Turn off the power circuit breaker for saving energy.

3. Clean the air filter and outside panel

- After cleaning the air filter, make sure to attach it. (Refer to "HOW TO CLEAN THE AIR FILTER")

NOTES

- The inside of the air conditioner may become contaminated after several seasons of use, potentially causing performance degradation and water leakage.
- Ask your local dealer for details on cleaning the inside of the indoor unit. This operation requires a qualified service person.

NOT MALFUNCTION OF THE AIR CONDITIONER

The following symptoms do not indicate air conditioner malfunction.

1. THE AIR CONDITIONER DOES NOT OPERATE

- **The air conditioner does not restart immediately after the ON/OFF button is pressed.**
- If the INDICATION lamp lights, the air conditioner is in normal condition.
- It does not restart immediately because a safety device operates to prevent overload of the air conditioner. After approx. 3 minutes, the air conditioner will turn on again automatically.

2. WHITE MIST COMES OUT OF THE AIR CONDITIONER

- **When humidity is high during the COOLING OPERATION (In oily or dusty places)**
- If the inside of an indoor unit is extremely contaminated, the temperature distribution inside a room becomes uneven. It is necessary to clean the inside of the indoor unit. Ask your local dealer for details on cleaning the indoor unit.
- This cleaning requires a qualified service person.
- Check the usage environment.

3. NOISE OF AIR CONDITIONERS

- **A low continuous flow “Shuh” sound which is heard when the air conditioner is in the COOLING or a trickling sound which is heard when the air conditioner is in the DEFROST OPERATION.**
This is the sound of refrigerant gas flowing through both indoor and outdoor units.

- **A “Pishi-pishi” squeaking sound is heard when the air conditioner is in operation or after the stop of operation.**

Expansion and contraction of resin parts caused by temperature change makes this noise.

- **Draining water or motor rotation sound after the indoor unit stop.**

This sound is heard when cooling operation stop, the drain pump operates and then stop.

Wait approximately 5 minutes.

4. DUST FROM THE INDOOR UNITS

- **Dust may blow out from the unit after starting operation from long resting time.**

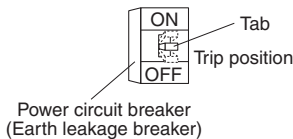
Dust absorbed by the unit blows out.

TROUBLESHOOTING

Please check before requesting service.

1. If the air conditioner does not operate at all.

- Check if fuse has blown. Turn off the power supply. Contact your local dealer.
- Check if the power circuit breaker is blown. If the tab of power circuit breaker is in the OFF position, turn the power on with the power circuit breaker switch.
- If the tab of power circuit breaker is in the trip position do not turn the power on with the power circuit breaker switch. Contact your local dealer.



- Check if there is a power failure. Wait until power is restored. If power failure occurs during operation, the air conditioner automatically restarts immediately after the power supply recovers.

2. If the air conditioner stops after operating the air conditioner.

- Check if the air inlet or outlet of outdoor or indoor unit is blocked by obstacles. Remove the obstacle and make it well-ventilated.
- Check if the air filter is clogged. Ask a qualified service person to clean the air filters.
- A decrease in the airflow volume of the air conditioner will result and the performance of the air conditioner will be degraded and power consumption will increase if the air filter is clogged with dust or dirt. In addition, this may cause dew condensation at the air outlet.

3. The air conditioner operates but it does not sufficiently cool or heat

- Check if the air inlet or outlet of outdoor or indoor unit is blocked by obstacles. Remove the obstacle and make it well-ventilated. Obstacles decrease the fan speed, and cause performance decrease and breakage when discharged air is suctioned. They cause a waste of electricity, increase operating noise, or that may stop the devices.
- Check if the air filter is clogged. Ask a qualified service person to clean the air filters. A decrease in the airflow volume of the air conditioner will result and the performance of the air conditioner will be degraded and power consumption will increase if the air filter is clogged with dust or dirt. In addition, this may cause dew condensation at the air outlet.
- Check if the set temperature is not proper. Set to an appropriate temperature, fan speed, and discharge direction.
- Check if the doors or the windows are open. Shut doors or windows to prevent wind from coming in.
- Check if the ventilation fan is in operation.
- Check if direct sunlight enters the room (when cooling). Use curtains or blinds.
- When there are too many inhabitants in the room (when cooling).
- Check if the heat source of the room is excessive (when cooling).

4. Operation was performed or stopped although the ON/OFF button was not pressed.

- Are you sure that the ON/OFF timer operation is not used?
Turn off the ON/OFF timer.
Please refer to "TIMER Operation".
- Are you sure that any remote control device is not connected?

If the problem is not solved after checking the above points, please do not try to repair it yourself.

In such cases, always ask your local dealer.

At this time, please tell the symptom and model name (written on the model name plate).

If one of the following malfunctions occurs, take the measures shown below and contact your local dealer.

The air conditioner must be repaired by a qualified service person.

—  **WARNING** —

When the air conditioner is malfunctioning (giving off a burning odour, etc.) turn off power to the air conditioner and contact your local dealer.

Continued operation under such circumstances may result in a failure, electric shocks or a fire. Contact your local dealer.

- If a safety device such as a fuse, a power circuit breaker or an earth leakage breaker frequently actuates;
Measure: Do not turn on the main power switch.
- If the ON/OFF switch does not properly work;
Measure: Turn off the main power switch.
- If water leaks from the indoor unit.
Measure: Stop the operation.