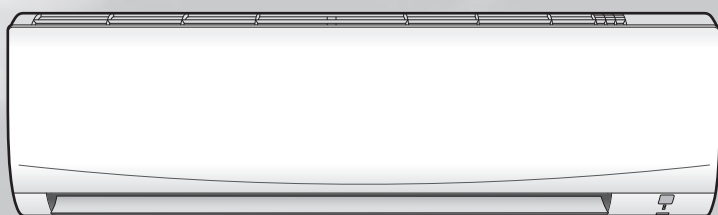




OPERATION MANUAL

DAIKIN ROOM AIR CONDITIONER



MODEL

☒ CTKC50WVMG



Features

Enhanced comfort, energy savings and rapid cooling



COMFORT AIRFLOW

The airflow direction is upward while in COOL and DRY operation. This function prevents cold air from blowing directly on your body. ▶Page 13



ECONO

This function enables efficient operation by limiting the maximum power consumption. It is useful when using the air conditioner and other electrical devices simultaneously on a shared electrical circuit. ▶Page 15

Other function



SUPER POWERFUL

SUPER POWERFUL operation quickly maximises the cooling effect in any operation mode. ▶Page 14






Contents




Read Before Operation

Safety Precautions.....	3
Names of Parts	5
Preparation Before Operation	9


Basic Operation

 COOL · DRY · FAN ONLY Operation	10
 Adjusting the Airflow Rate.....	11
 Adjusting the Airflow Direction	12


Useful Functions

 COMFORT AIRFLOW Operation.....	13
 SUPER POWERFUL Operation	14
 ECONO Operation	15

TIMER Operation

 ON/OFF TIMER Operation	16
--	----

Mobile Controller

 Wireless LAN connection.....	18
--	----

Care

Care and Cleaning.....	19
------------------------	----



When the Need Arises




FAQ.....	23
Troubleshooting	24

Safety Precautions

	Read the precautions in this manual carefully before operating the unit.		This appliance is filled with R32.
---	--	---	------------------------------------




- Keep this manual where the user can easily find it.
- 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.

	WARNING	Failure to follow these instructions properly may result in personal injury or loss of life.
	CAUTION	Failure to follow these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.


	Never attempt.		Be sure to follow the instructions.		Be sure to establish an earth connection.
---	----------------	---	-------------------------------------	---	---

- 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.

WARNING

-  Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
 - 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.
 - When the amount of refrigerant is 1.84kg or more, the room size of the room where equipment is installed, operated and stored is limited.
For details refer to the WARNING list in the “**Safety Precautions**” section of the installation manual for the outdoor unit.
 - To avoid fire, explosion or injury, do not operate the unit when harmful gases (e.g. flammable or corrosive) are detected near the unit.
 - Be aware that prolonged, direct exposure to cool air from the air conditioner, or to air that is too cool, can be harmful to your physical condition and health.
 - Do not place objects, including rods, your fingers, etc., in the air inlet or outlet. Product damage or personal injury 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 shock or fire hazards.
 - Do not use flammable spray near the air conditioner, or otherwise fire may result.
 - Do not use a refrigerant other than the one indicated on the outdoor unit (R32) when installing, moving or repairing. Using other refrigerants may cause trouble or damage to the unit, and personal injury.
 - To avoid electric shock, do not operate with wet hands.
-
-  Beware of fire in case of refrigerant leakage. If the air conditioner is not operating correctly, i.e. not generating cool 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 use the air conditioner until a qualified service person confirms that the leakage has been repaired.
 - Do not attempt to install or repair the air conditioner yourself. Improper workmanship may result in water leakage, electric shock or fire hazards. Please contact your local dealer or qualified personnel for installation and maintenance work.
 - If 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 shock or fire hazards.
 - Be sure to install an earth leakage circuit breaker. Failure to install an earth leakage circuit breaker may result in electric shock or fire.
-
-  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 shock.

CAUTION

-  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 the airflow from the unit as this may cause adverse effects.
 - Do not place appliances that produce naked flames in places exposed to the airflow from the unit as this may impair combustion of the burner.
 - Do not block the air inlets nor outlets. Impaired airflow may result in insufficient performance or trouble.
 - 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 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 they are 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.
 - Avoid impacts to the indoor and outdoor units, or otherwise product damage may result.
 - Do not place flammable items, such as spray cans, within 1m of the air outlet.
The spray cans may explode as a result of hot air from the indoor or outdoor units.
 - Be careful not to let pets urinate on the air conditioner. Urination on the air conditioner may result in electric shock or fire.
 - Do not wash the air conditioner with water, as this may result in electric shock or fire.
 - Do not place water containers (vases, etc.) above the unit, as this may result in electric shock or fire hazards if they should topple over.
 - Do not insert the batteries in the wrong polarity (+/-) orientation as this may result in short circuiting, fire, or battery leakage.
-
-  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 and turn off the circuit breaker. Otherwise, an electric shock and injury may result.
 - Only connect the air conditioner to the specified power supply circuit. Power supplies other than the one specified may result in electric shock, overheating and fires.
 - Arrange the drain hose to ensure smooth drainage. Imperfect drainage 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 inside the unit, such animals can cause malfunctions, smoke or fire if they come into contact with electrical parts.
 - 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.
 - This appliance is not intended to be used by persons with reduced physical, sensory or mental capabilities, or with lack of operation knowledge, unless they have been given supervision or instruction concerning the appliance use by person responsible for their safety. Keep out of children's reach to ensure that they do not play with the appliance.
 - For care and cleaning, call service personnel.

FTPK008

This is an appliance that is not accessible to the general public.

Installation site

- To install the air conditioner in the following types of environments, consult your dealer.
 - Places with an oily environment or where steam or soot occurs.
 - Salty environments such as coastal areas.
 - Places where sulphide gas occurs such as hot springs.
- Be sure to follow the instructions below.
 - 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

- For installation, choose a place as described below.
 - A place solid enough to bear the weight of the unit and which does not amplify the operation noise or vibration.
 - A place from where the air discharged from the outdoor unit or the operation noise will not annoy your neighbours.

Electrical work

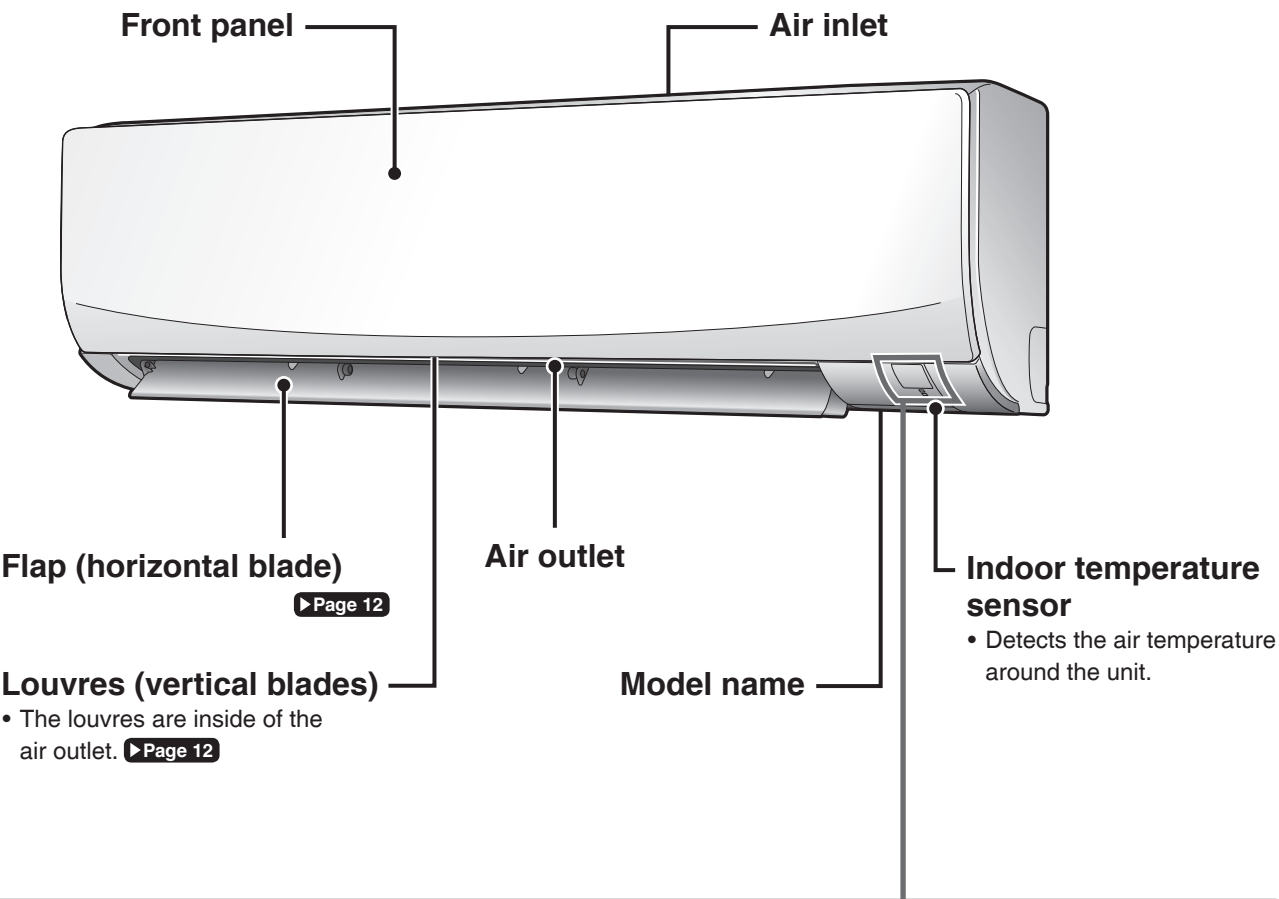
- For the power supply, be sure to use a separate power circuit dedicated to the air conditioner.

System relocation

- Relocating the air conditioner requires specialized knowledge and skills. Please consult your dealer if relocation is necessary for moving or remodelling.

Names of Parts

Indoor Unit

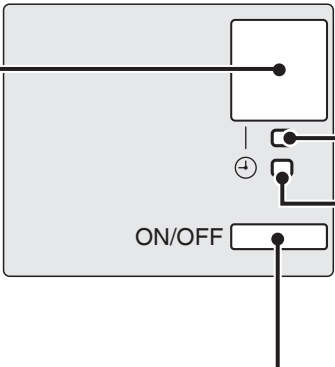


Display

Signal receiver

- Receives signals from the remote controller.
- When the unit receives a signal, you will hear a beep sound.

Case	Sound type
Operation start	beep-beep
Setting changed	beep
Operation stop	long beep



OPERATION lamp (green)

TIMER lamp (orange)

▶ Page 16,17

Indoor unit ON/OFF switch

- Press this switch once to start operation.
Press once again to stop it.
- For the operation mode setting, refer to the following table.

Mode	Temperature setting	Airflow rate
COOL	22°C	AUTO

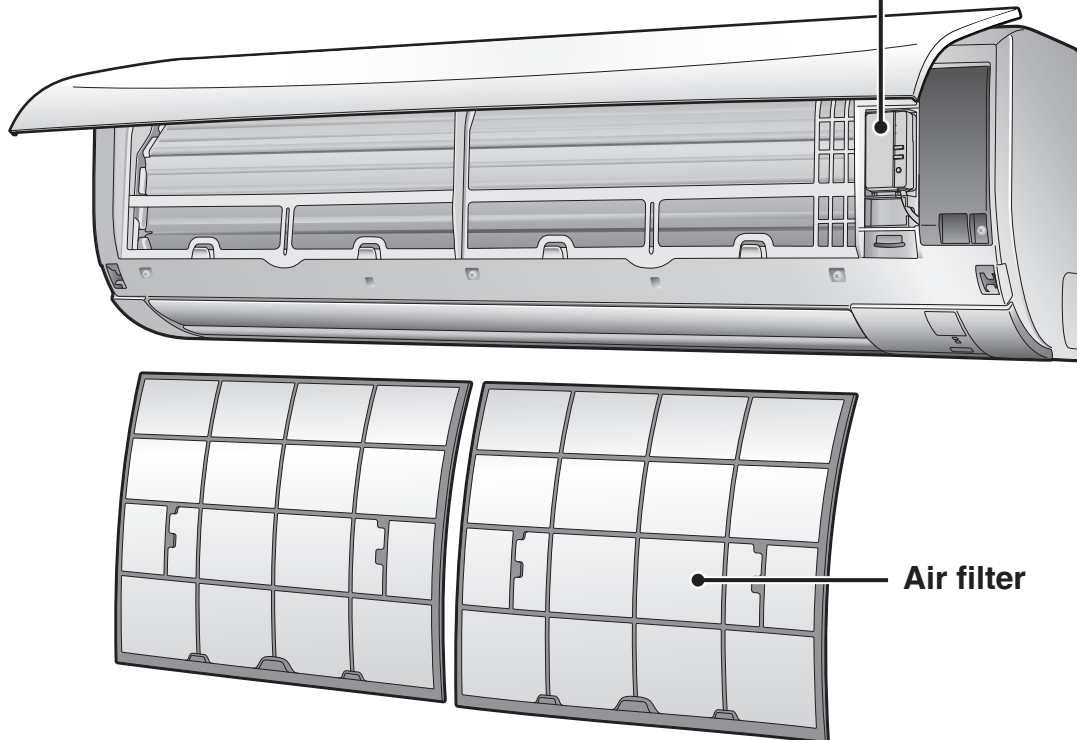
- This switch can be used when the remote controller is missing.

■ Open the front panel

Wireless LAN connecting adapter

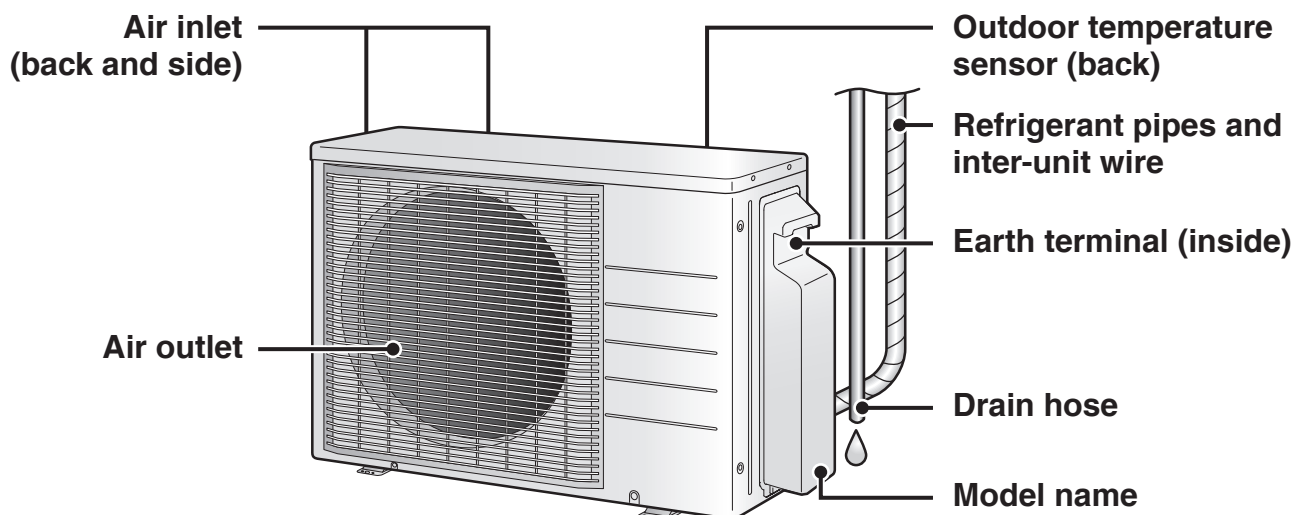
Model name	Wireless LAN connecting adapter	Part No.
CTKC	Included with the air conditioner	BRP072C42

► Page 18



Outdoor Unit

- The appearance of the outdoor unit may differ between different models.

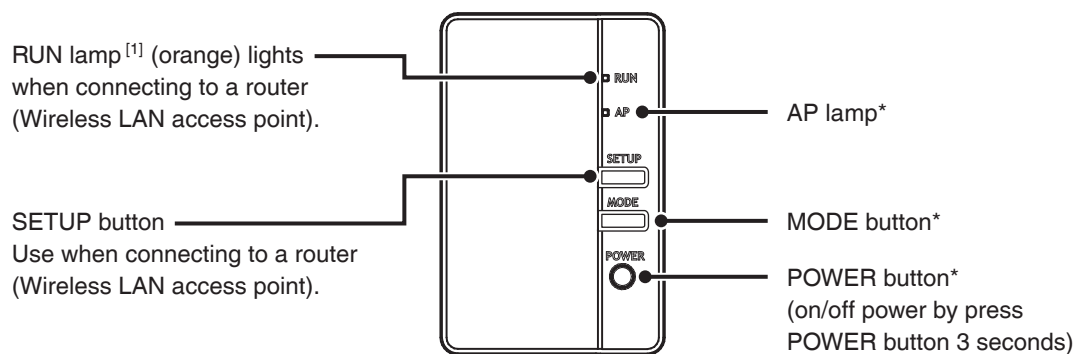


Names of Parts

Wireless LAN connecting adapter

ATTENTION

- When the Wireless LAN connecting adapter is operated, the RUN lamp may light through the front panel. If you find the lamp disturbing, the lamp can be disabled via the mobile application^[1].



* No operation for BRP072C42 model.

[1] The RUN lamp LED can be disabled via the mobile application

- Make sure the controller is connected to the Wireless LAN adapter and RUN lamp is lit.

To turn off the RUN lamp via the mobile application.

- Open "DAIKIN Mobile Controller" in your smartphone or tablet.
- Select "Setting" or icon "⚙️".
- Select "Adapter LEDs" and turn it off.
 - The RUN lamp turns off.
 - Mobile controller continues operating.

Specifications

Frequency range	2400 MHz–2483.5 MHz
Radio protocol	IEEE 802.11b/g/n
RF channel	1–13
Power supply	DC 14 V / 100 mA

RF channel: Radio frequency channel

Configuration

- The user is responsible for providing the following items before using this product:
 - Smartphone or tablet PC (Supported OS: Android 2.3.3 or later; iOS 5.0 or later.)
 - Internet line and communicating device (Modem/router or similar device)
 - Wireless LAN access point
 - Application name: [DAIKIN Mobile Controller] (free)

For details on the installation method for the DAIKIN Mobile Controller application, please see **▶ Page 18**

NOTE

Notes on the Wireless LAN connecting adapter

- Do not use this product near a microwave oven. (This can affect Wireless LAN communications.)
- For the latest details about installation of the Wireless LAN connecting adapter and applicable units, refer to the web site <http://www.daikinthalai.com/product/dmobile>.

Remote Controller

Display (LCD)

- Displays the current settings.
(In this illustration, each section is shown with its displays on for the purpose of explanation.)

Direct operation buttons

- Starts the COOL, DRY or FAN ONLY operation. ▶Page 10

TEMPERATURE adjustment button

- Changes the temperature setting. ▶Page 10

COMFORT button

- COMFORT AIRFLOW operation. ▶Page 13

SUPER POWERFUL button

- SUPER POWERFUL operation. ▶Page 14

OFF TIMER button (NIGHT SET mode)

▶Page 17

ON TIMER button

▶Page 16

Signal transmitter



Receiver

- To use the remote controller, aim the transmitter at the indoor unit. If there is anything blocking the signals between the unit and the remote controller, such as a curtain, the unit may not operate.
- The maximum transmission distance is about 7m.

OFF button

- Stops the operation. ▶Page 10

FAN setting button

- Selects the airflow rate setting. ▶Page 11

ECONO button

- ECONO Operation. ▶Page 15

SWING button

- Adjusts the airflow direction. ▶Page 12

TIMER CANCEL button

- Cancels the timer setting. ▶Page 16,17

[ARC480A36]

Preparation Before Operation

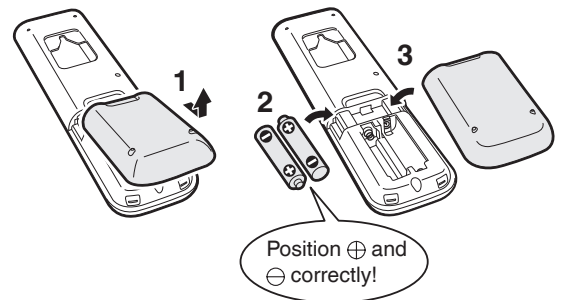
⚠ CAUTION

Incorrect handling of batteries can result in injury from battery leakage, rupturing or heating, or lead to equipment failure. Please observe the following precautions and use safely.

- If the alkaline solution from the batteries should get in the eyes, do not rub the eyes. Instead, immediately flush the eyes with tap water and seek the attention of a medical professional.
- Keep batteries out of reach of children. In the event that batteries are swallowed, seek the immediate attention of a medical professional.
- Do not expose batteries to heat or fire. Do not disassemble or modify batteries. The insulation or gas release vent inside the battery may be damaged, resulting in battery leakage, rupturing, or heating.
- Do not damage or peel off labels on the batteries.

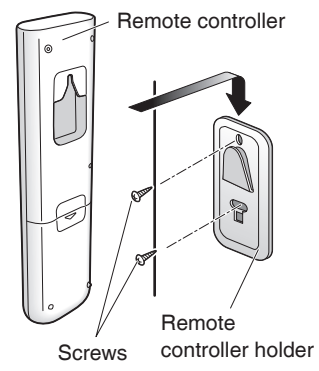
■ To insert the batteries

1. Remove the back cover by sliding and then slightly lifting it.
2. Insert 2 dry batteries AAA.LR03 (alkaline).
3. Replace the back cover.



■ To fix the remote controller holder to a wall

1. Choose a place from where the signals reach the unit.
2. Fix the holder to a wall, a pillar, or similar location with the screws supplied with the holder.
3. Hang the remote controller on the remote controller holder.



■ To attach the filters (sold separately)

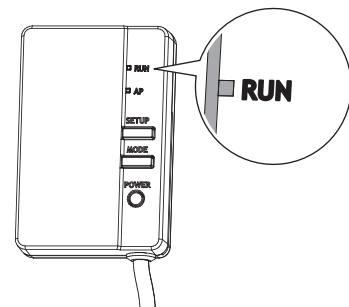
- If attaching the separately sold filters, attach them before turning the power on. ▶Page 21

■ Turn on the circuit breaker

- After the power is turned on, the flaps of the indoor unit opens and closes once to set the reference position.

■ To check the function of the Wireless LAN connecting adapter

1. Open the front panel. ▶Page 20
2. Turn on the main power supply and check that the RUN lamp of the Wireless LAN connecting adapter lights.
3. Close the front panel. ▶Page 20



- When turning on the power, always attach the Wireless LAN connecting adapter case (upper).

NOTE

Notes on batteries

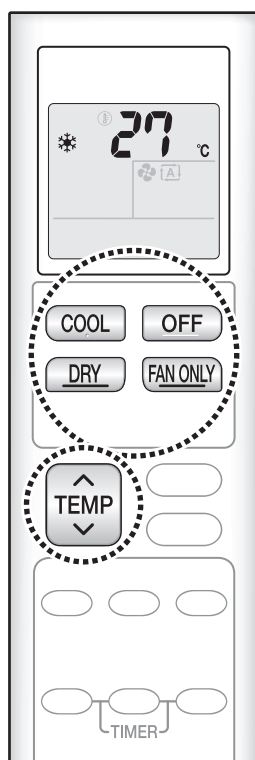
- To avoid possible injury or damage from battery leakage or rupturing, remove the batteries when not using the product for long periods of time.
- The standard replacement time is 1 year. Both batteries should be replaced at the same time. Be sure to replace them with new size AAA.LR03 (alkaline) batteries.
- When battery power has run out, the LCD will begin blinking as an alert that the batteries need replacing. In some cases, when battery consumption is accelerated owing usage conditions, signal reception may decline before the LCD begins blinking.
- The batteries supplied with the remote controller are for initial operation. The batteries may run out in less than 1 year.

Note on remote controller

- Do not drop the remote controller. Do not get it wet.



COOL · DRY · FAN ONLY Operation



The air conditioner operates with the operation mode of your choice.

■ To start operation

COOL operation

Press **COOL** .

- To lower the temperature.



DRY operation

Press **DRY** .

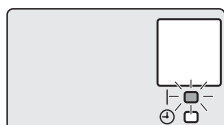
- To lower the humidity.



FAN ONLY operation

Press **FAN ONLY** .

- To circulate air in the room.
- The OPERATION lamp lights green.



Display

■ To stop operation

Press **OFF** .

- The OPERATION lamp goes off.

■ To change the temperature setting

Press **TEMP** .

- Press **▲** to raise the temperature and press **▼** to lower the temperature.

COOL operation	DRY or FAN ONLY operation
18-32°C	The temperature setting cannot be changed.

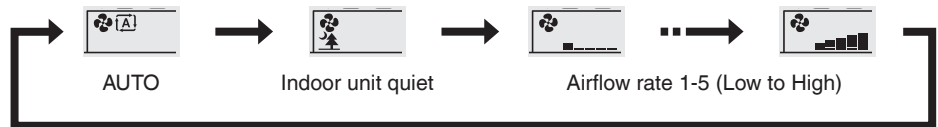
NOTE

Note on DRY operation

- Eliminates humidity while maintaining the indoor temperature as much as possible. It automatically controls temperature and airflow rate, so manual adjustment of these functions is unavailable.

■ To adjust the airflow rate setting

- Each pressing of FAN changes the airflow rate setting in sequence.



- When the airflow is set to “

Note on airflow rate setting

- At smaller airflow rates, the cooling effect is also smaller.

Keeping the temperature setting at a moderate level helps save energy.

- Recommended temperature setting.
 - For cooling: 26-28°C

Cover windows with a blind or a curtain.

- Blocking sunlight and air from outdoors increases the cooling effect.

Keep the air filters clean.

- Clogged air filters cause inefficient operation and waste air energy. Clean them once in about every 2 weeks. **► Page 20**

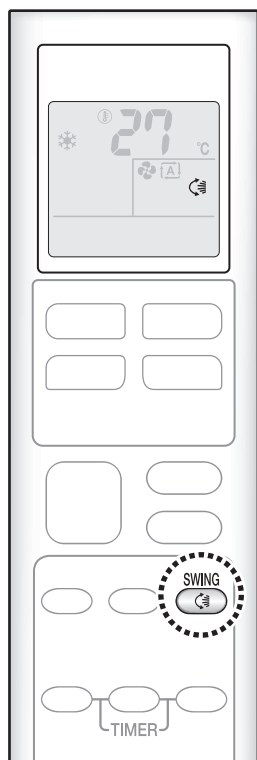
If you are not going to use the air conditioner for a long period, for example in spring or autumn, turn off the circuit breaker.

- The air conditioner always consumes a small amount of electricity even while it is not operating.





Adjusting the Airflow Direction



You can adjust the airflow direction to increase your comfort.


⚠ CAUTION

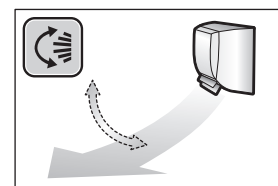
- Always use a remote controller to adjust the angles of the flaps. Moving the flaps forcibly by hand may cause a malfunction.
- Be careful when adjusting the louvres. Inside the air outlet, a fan is rotating at a high speed.

■ To start auto swing

Up and down airflow direction

● Press  .

- “” is displayed on the LCD.
- The flaps (horizontal blades) will begin to swing.



■ To set the flaps at the desired position

- This function is effective while the flaps are in auto swing mode.

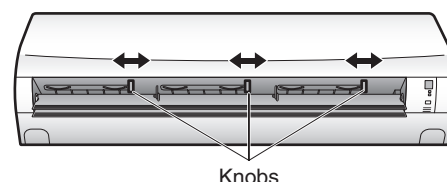
● Press  when the flaps reach the desired position.

- “” disappears from the LCD.

■ To adjust the louvres at desired position

● Hold the knob and move the louvres (vertical blades).

- There is a knob in 3 places.

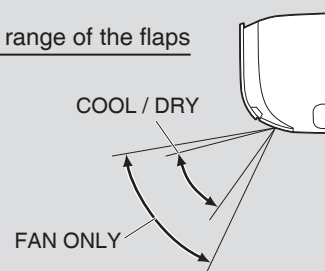


NOTE

Notes on airflow direction setting

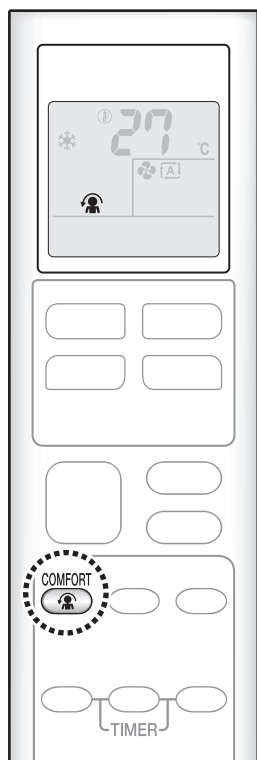
- The movable range of the flaps vary according to the operation mode.
- The flaps will stop at the upper position when the airflow rate is changed to low during the up and down swing setting.

Movable range of the flaps





COMFORT AIRFLOW Operation



The air direction and flow rate are adjusted so that the air will not blow directly at people in the room.

■ To start COMFORT AIRFLOW operation

Press  .


- “” is displayed on the LCD.

	COOL and DRY operation
Flaps direction	Goes up
Airflow rate	AUTO

- Not available in FAN ONLY mode.

■ To cancel COMFORT AIRFLOW operation

Press  again.

- “” disappears from the LCD.
- The flaps will return to the memory position from before COMFORT AIRFLOW operation.

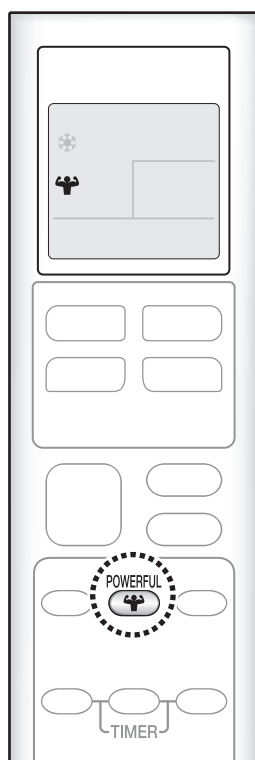
NOTE

Note on COMFORT AIRFLOW operation

- If the up and down airflow direction is selected, COMFORT AIRFLOW operation will be cancelled.




SUPER POWERFUL Operation



SUPER POWERFUL operation quickly maximises the cooling effect in any operation mode. In this mode, the air conditioner operates at maximum capacity.

■ To start SUPER POWERFUL operation

Press  .

- “” is displayed on the LCD.
- SUPER POWERFUL operation ends in 20 minutes. Then the system automatically operates again with the previous settings which were used before SUPER POWERFUL operation.



■ To cancel SUPER POWERFUL operation

Press  again.

- “” disappears from the LCD.

NOTE

Notes on SUPER POWERFUL operation

- Pressing  causes the settings to be cancelled, and “” disappears from the LCD.
- SUPER POWERFUL operation will not increase the capacity of the air conditioner if the air conditioner is already in operation with its maximum capacity demonstrated.
 - In **COOL operation**
To maximise the cooling effect, the capacity of outdoor unit increases and the airflow rate becomes fixed at the maximum setting. The temperature setting cannot be changed.
 - In **DRY operation**
The temperature setting is lowered by 2.5°C and the airflow rate is slightly increased.
 - In **FAN ONLY operation**
The airflow rate is fixed at the maximum setting.

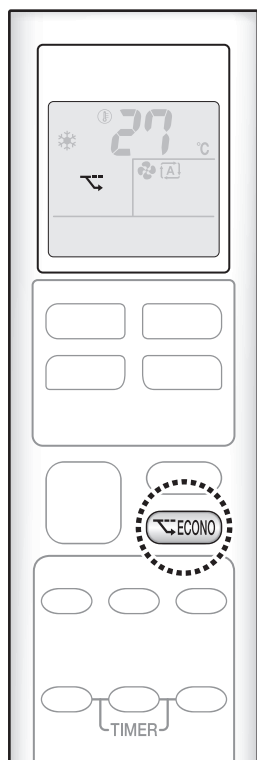
Regarding the combination of SUPER POWERFUL and other operations

SUPER POWERFUL + COMFORT AIRFLOW	Not available*
SUPER POWERFUL + ECONO	

*Priority is given to the function of whichever button is pressed last.



ECONO Operation




ECONO operation enables efficient operation by limiting the maximum power consumption.

This function is useful to prevent the circuit breaker from tripping when the unit operates alongside other appliances on the same circuit.

■ To start ECONO operation

▶ Press .

- “” is displayed on the LCD.
- Not available in FAN ONLY mode.



■ To cancel ECONO operation

▶ Press  again.

- “” disappears from the LCD.

NOTE

Notes on ECONO operation

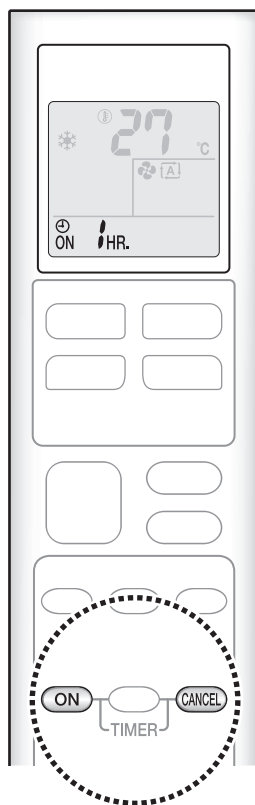
- This operation is performed with lower power and therefore may not provide a sufficient cooling effect.
- Pressing  causes the settings to be cancelled, and “” disappears from the LCD.
- If the power consumption level is already low, switching to ECONO operation will not reduce the power consumption.

Some useful functions can be used together.

COMFORT AIRFLOW + ECONO	Available
-------------------------	-----------



ON/OFF TIMER Operation



Timer functions are useful for automatically switching the air conditioner on or off in the morning or at night. You can also use the ON TIMER and OFF TIMER together.

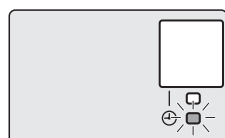
■ To use ON TIMER operation

▶ Press **ON** .



“ON 1HR.” is displayed on the LCD.

- Each pressing of **ON** changes the time setting by 1 hour. The time can be set between 1 and 12 hours.
- The TIMER lamp lights orange.



Display

■ To cancel ON TIMER operation

▶ Press **CANCEL** .

- “ON 1HR.” disappears from the LCD.
- The TIMER lamp goes off.

NOTE

In the following cases, set the timer again.

- After the circuit breaker has turned off.
- After a power failure.
- After replacing the batteries in the remote controller.



ON/OFF TIMER Operation



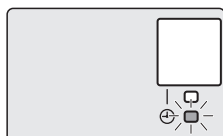
■ To use OFF TIMER operation

▶ Press **OFF** .



"OFF 1 HR." is displayed on the LCD.

- Each pressing of **OFF** changes the time setting by 1 hour. The time can be set between 1 and 12 hours.
- The TIMER lamp lights orange.



Display

■ To cancel OFF TIMER operation

▶ Press **CANCEL** .

- "OFF 1 HR." disappears from the LCD.
- The TIMER lamp goes off.

■ To combine ON TIMER and OFF TIMER operation

- A sample setting for combining the 2 timers is shown below.
- "ON" and "OFF" are displayed on the LCD.

[Example]



When setting while the unit is operating

- Stops the unit 1 hour later and starts it 7 hours after that.



When setting while the unit is stopped

- Starts the unit 2 hours later and stops it 3 hours after that.

NOTE

NIGHT SET mode

- When the OFF TIMER is set, the air conditioner automatically adjusts the temperature setting (0.5°C up in COOL) to prevent excessive cooling during sleeping hours.



Wireless LAN connection

Web site: <http://www.daikinthal.com/product/dmobile>

For information on the latest version of Wireless LAN control, please see the web site above.

■ Application software installation

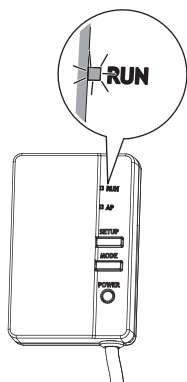
- Before downloading the application software for installing, please read “**Configuration**” on **▶Page 7**.

■ For Android Phones

- 1) Open the [Google Play].
- 2) Search using the application name: [DAIKIN Mobile Controller].
- 3) Follow the directions on the screen to install.

■ For iPhones

- 1) Open the [App Store].
- 2) Search using the application name: [DAIKIN Mobile Controller].
- 3) Follow the directions on the screen to install.



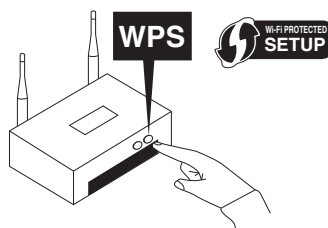
■ Simple Wireless LAN Connection Setting

- The setup is simple if there is a [WPS] button on the router (Wireless LAN access point).

1. Check that the [RUN] lamp is blinking.

2. Push the [WPS] button on the router (Wireless LAN access point).

- Operation of the [WPS] differs according to the router (Wireless LAN access point).
 - Please refer to the documentation that comes with your router for more information.
- Does your router have a [WPS] button?
For more information, see the manual of your router.



3. Push the [SETUP] button on the Wireless LAN connecting adapter for approximately 2 seconds.

- The [RUN] lamp on the Wireless LAN connecting adapter blinks more quickly.
- When the Wireless LAN connecting adapter and the router (Wireless LAN access point) are connected, this lamp lights. If you fail to connect, please try again from step 1 of “Simple Wireless LAN Connection Setting”. (It may not be possible to make the “Simple Wireless LAN Connection Setting”, depending on compatibility with the router.)

4. After connecting the Wireless LAN connecting adapter to the router, the user will be able to detect the Wireless LAN connecting adapter via the DAIKIN Mobile Controller application.

NOTE

Note on the Wireless LAN connecting adapter

- In case simple wireless connection setting cannot be completed successfully, please refer to the web site above for other connection setting methods. **▶Page 6**

Care and Cleaning

⚠ CAUTION

- Before cleaning, be sure to stop the operation and turn off the circuit breaker.
- Do not touch the aluminium fins of the indoor unit. If you touch those parts, this may cause an injury.

■ Quick reference

Cleaning parts

Front panel

- Wipe it with a soft damp cloth.
- Only neutral detergent may be used.

If dirty



Air filter

- Vacuum dust or wash the filter.

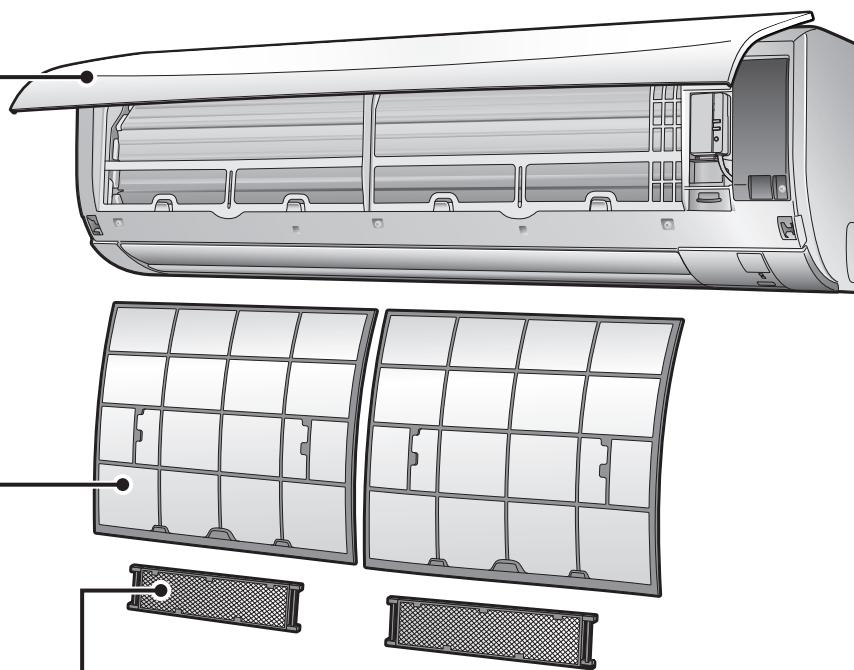
Once every 2 weeks

► Page 20

Indoor unit, outdoor unit and remote controller

- Wipe them with a soft cloth.

If dirty



Filter (sold separately)

To purchase the filters (**Table 1**) or to purchase the another type, contact the dealer where you bought the air conditioner.

The method of cleaning and replacement of the filters may differ depending on the model. Refer to the label attached to the separately sold filters themselves.

Table 1

Item	Part No.
Air quality filter (enzyme blue with PM2.5) - with frame (set of 2)	BAFP094A44
Deodorizing filter (enzyme blue) - with frame (set of 2)	BAFP094A42
Dust collection filter (PM 2.5) - with frame (set of 2)	BAFP046A42
Titanium apatite deodorizing filter - with frame (set of 2)	KAF970A45

Deodorizing filter (enzyme blue), Titanium apatite deodorizing filter.

- Vacuum dust or replace the filter.

[Cleaning]

Once every 6 months

► Page 21

[Replacement]

Once every 3 years

► Page 21

Air quality filter (enzyme blue with PM 2.5), Dust collection filter (PM 2.5)

- No cleaning is required. Please replace the filter every 6 months. ► Page 21

NOTE

For cleaning, do not use any of the following:

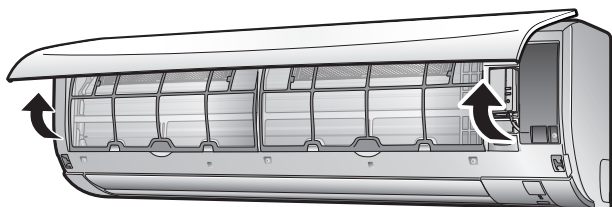
- Water hotter than 40°C
- Volatile liquid such as benzene, petrol and thinner
- Polishing compounds
- Rough materials such as a scrubbing brush



■ Air filter

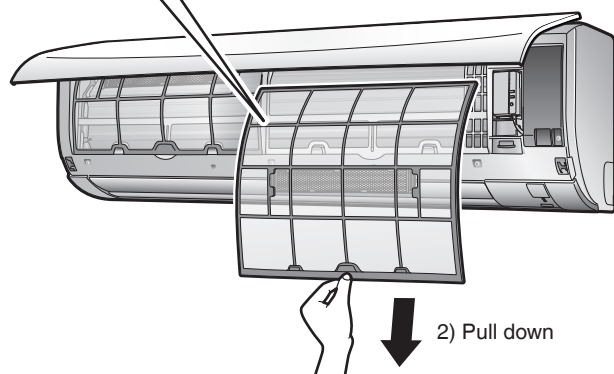
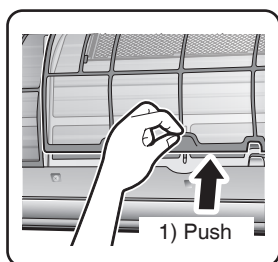
1. Open the front panel.

- Hold the front panel by the sides and open it.



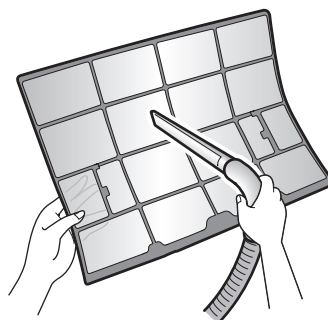
2. Pull out the air filters.

- Push the filter tab at the centre of each air filter a little upwards, then pull it down.



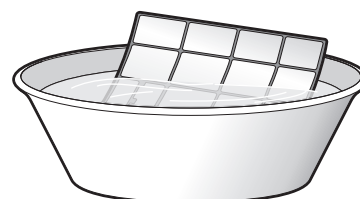
3. Wash the air filters with water or clean them with vacuum cleaner.

- It is recommended to clean the air filters every 2 weeks.



If the dust does not come off easily

- Wash the air filters with neutral detergent thinned with lukewarm water, then dry them up in the shade.



4. Reattach the filters.

5. Close the front panel slowly.

- Press the panel at both sides and the centre.



- Make sure that the front panel is securely fixed.

Care and Cleaning

■ Filter (small)

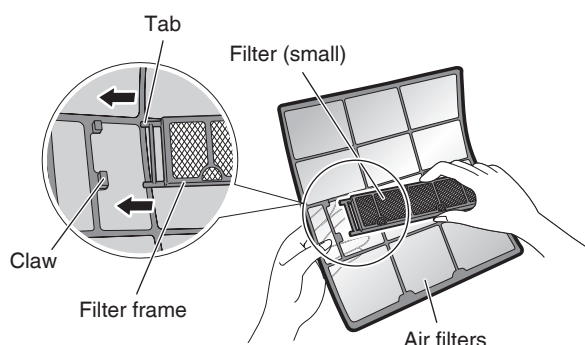
* For the applicable filter type, please refer to **▶Page 19**.

Attaching

1. Open the front panel and pull out the air filters. **▶Page 20**

2. Insert the filter.

- Check that the filters are inserted securely under the tabs.

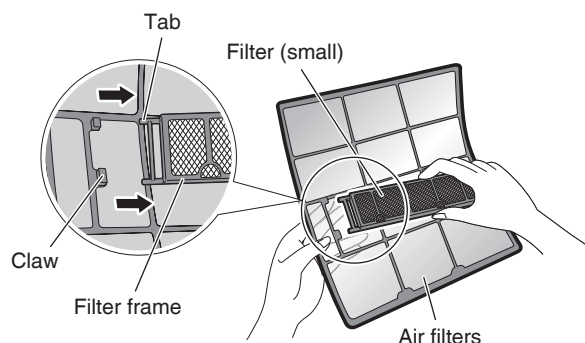


Cleaning and Replacement

1. Open the front panel and pull out the air filters. **▶Page 20**

2. Take off the filter.

- Hold the recessed parts of the frame and unhook the 4 claws.
- Remove the filters from the tabs.



NOTE

- Operation with dirty filters:
 - cannot deodorise the air,
 - cannot clean the air,
 - results in poor cooling,
 - may cause odour.
- Dispose of old filters as non-flammable waste.

3. Clean or replace.

[Cleaning]

■ Deodorizing filter (enzyme blue) : Blue / Titanium apatite deodorizing filter : Blue-Black

3-1 Vacuum dust, and soak in lukewarm water or water for about 10 to 15 minutes if very dirty.

3-2 After washing, shake off remaining water and let them dry in the shade.

- This filter can be renewed by washing it with water once **every 6 months** and we recommend replacing it once **every 3 years**.
- Do not wring out the filter when removing water from it.

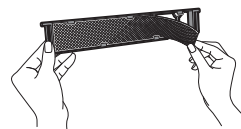
■ Air quality filter (enzyme blue with PM2.5) : Blue-White / Dust collection filter (PM 2.5) : White

- Do not wash the filters as this will reduce their efficiency.
- It is recommended to replace it once **every 6 months**.

[Replacement]

Remove each filter from the front grille by detaching them from the 6 tabs and then install the new filters.

- Do not throw away the filter frame.
- Reuse the filter frame when replacing the filter.



- When attaching the filter, check that the filter is properly set in the tabs.

4. Set the filters as they were and close the front panel.

- Press the front panel at both sides and the center.

■ Prior to a long period of non-use

1. Operate the FAN ONLY mode for several hours on a fine day to dry out the inside.

- Press  .

2. After operation stops, turn off the circuit breaker for the room air conditioner.

3. Clean the air filters and reattach them.  Page 20

4. To prevent battery leakage, take out the batteries from the remote controller.

■ We recommend periodical maintenance

- In certain operating conditions, the inside of the air conditioner may get foul after several seasons of use, resulting in poor performance. It is recommended to have periodical maintenance by a specialist in addition to regular cleaning by the user.
- For specialist maintenance, please contact the dealer where you bought the air conditioner.
- The maintenance cost must be borne by the user.

FAQ

Indoor unit

The flaps do not start swinging immediately.

- The air conditioner is adjusting the position of the flaps. The flaps will start moving soon.

Operation does not start soon.

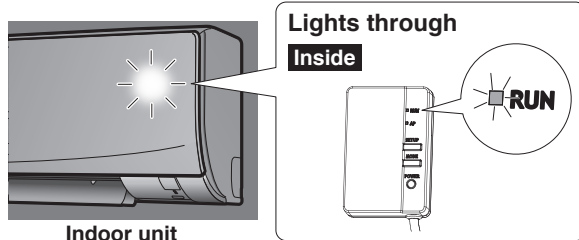
- When any direct operation button was pressed soon after operation was stopped.
- When the mode was reselected.
 - This is to protect the air conditioner. You should wait for about 3 minutes.

Wireless LAN connecting adapter

The LEDs blink through the front panel.

- The lamp can be disabled via the mobile application.

► Page 7



Different sounds are heard.

■ A sound like flowing water

- This sound is generated because the refrigerant in the air conditioner is flowing.
- This is a pumping sound of the water in the air conditioner and can be heard when the water is pumped out from the air conditioner during COOL or DRY operation.
- Refrigerant flows inside the air conditioner even when one indoor unit is not in operation if the other indoor unit is in operation.

■ Ticking sound

- This sound is generated when the cabinet and frame of the air conditioner slightly expand or shrink as a result of temperature changes.

■ Clicking sound during operation or idle time

- This sound is generated when the refrigerant control valves or the electrical parts operate.

■ Clopping sound

- This sound is heard from the inside of the air conditioner when the exhaust fan is activated while the room doors are closed. Open the window or turn off the exhaust fan.



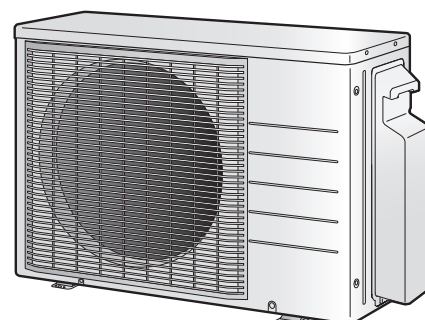
Outdoor unit

The outdoor unit emits water.

■ In COOL or DRY operation

- Moisture in the air condenses into water on the cool surface of the outdoor unit piping and drips.

*The appearance of the outdoor unit may differ between different models.



Troubleshooting

Before making an inquiry or a request for repair, please check the following.
If the problem persists, consult your dealer.



Not a problem

This case is not a problem.



Check

Please check again before requesting repairs.

Air conditioner

The air conditioner does not operate

Case	Description / what to check
OPERATION lamp is off.	<ul style="list-style-type: none"> Has the circuit breaker been tripped or the fuse blown? Is there a power failure? Are batteries set in the remote controller?
OPERATION lamp is blinking.	<ul style="list-style-type: none"> Turn off the power with the circuit breaker and restart operation with the remote controller. If the OPERATION lamp is still blinking, check the error code and consult your dealer.

▶ Page 27

The air conditioner suddenly stops operating

Case	Description / what to check
OPERATION lamp is on.	<ul style="list-style-type: none"> To protect the system, the air conditioner may stop operating after sudden large voltage fluctuations. It automatically resumes operation in about 3 minutes.
OPERATION lamp is blinking.	<ul style="list-style-type: none"> Are the air filters dirty? Clean the air filters. Is there anything blocking the air inlet or air outlet of the indoor unit or outdoor unit? Stop operation and after turning off the circuit breaker, remove the obstruction. Then restart operation with the remote controller. If the OPERATION lamp is still blinking, check the error code and consult your dealer.

▶ Page 27

The air conditioner does not stop operating

Case	Description / what to check
The air conditioner continues operating even after operation is stopped.	<ul style="list-style-type: none"> Immediately after the air conditioner is stopped <ul style="list-style-type: none"> The outdoor unit fan continues rotating for about another 1 minute to protect the system. While the air conditioner is not in operation <ul style="list-style-type: none"> When the outdoor temperature is high, the outdoor unit fan may start rotating to protect the system.

The room does not cool down

Case	Description / what to check
Air does not come out / Air comes out.	<ul style="list-style-type: none"> Is the airflow rate setting appropriate? <ul style="list-style-type: none"> Is the airflow rate setting low, such as "Indoor unit quiet" or "Airflow rate 1"? Increase the airflow rate setting. Is the set temperature appropriate? Is the adjustment of the airflow direction appropriate?
Air comes out.	<ul style="list-style-type: none"> Is there any furniture directly under or beside the indoor unit? Is the unit you are operating or another unit running in ECONO operation? ▶ Page 15 Are the air filters dirty? Is there anything blocking the air inlet or air outlet of the indoor unit or outdoor unit? Is a window or door open? Is an exhaust fan turning?

Troubleshooting

Air conditioner

Mist comes out

Case	Description / what to check
Mist comes out of the indoor unit.	<input checked="" type="checkbox"/> • This happens when the air in the room is cooled into mist by the cold airflow during COOL or other operation.

Remote controller

Case	Description / what to check
The unit does not receive signals from the remote controller or has a limited operating range.	<input checked="" type="checkbox"/> • The batteries may be exhausted. Replace both batteries with new dry batteries AAA.LR03 (alkaline). For details, refer to "Preparation Before Operation". ▶ Page 9 <input type="checkbox"/> • Signal communication may be disabled if an electronic-starter-type fluorescent lamp (such as inverter-type lamps) is in the room. Consult your dealer if that is the case. <input type="checkbox"/> • The remote controller may not function correctly if the transmitter is exposed to direct sunlight.
LCD is faint, is not working, or the display is erratic.	<input checked="" type="checkbox"/> • The batteries may be exhausted. Replace both batteries with new dry batteries AAA.LR03 (alkaline). For details, refer to "Preparation Before Operation". ▶ Page 9
The LCD is blinking and the remote controller cannot be operated.	<input checked="" type="checkbox"/> • Battery power has run out. Replace both batteries at the same time with new size AAA.LR03 (alkaline) batteries. Leaving exhausted batteries in the remote controller can result in injury due to battery leakage, rupturing or heating, or lead to equipment failure. (Even when the LCD is blinking, the OFF button remains functional.)
Other electric devices start operating.	<input checked="" type="checkbox"/> • If the remote controller activates other electric devices, move them away or consult your dealer.

Air has an odour

Case	Description / what to check
The air conditioner gives off an odour.	<input checked="" type="checkbox"/> • The room odour absorbed in the unit is discharged with the airflow. We recommend you to have the indoor unit cleaned. Please consult your dealer.

Others

Case	Description / what to check
The air conditioner suddenly starts behaving strangely during operation.	<input type="checkbox"/> • The air conditioner may malfunction due to lightning or radio. If the air conditioner malfunctions, turn off the power with the circuit breaker and restart the operation with the remote controller.

NOTE




Notes on the operating conditions

- If operation continues under any conditions other than those listed in the table,
 - A safety device may activate to stop the operation.
 - Dew may form on the indoor unit and drip from it when COOL or DRY operation is selected.

Mode	Operating conditions
COOL / DRY	Outdoor temperature: 10-46°C Indoor temperature: 18-32°C Indoor humidity: 80% max.

Wireless LAN connecting adapter

The following table provides brief descriptions of how to handle trouble or uncertainties when you install the Wireless LAN connecting adapter or make connection setting. Refer to the FAQ on our web site for more details.

When this happens	Explanation and where to check
None of the LEDs light.	 <ul style="list-style-type: none"> • Try to operate the unit with the infrared remote controller. • Turn off the air conditioner and restart it. • Make sure the LEDs are not disabled in the application. • Check the installation. • Check that the power of the Wireless LAN connecting adapter is ON by pressing the [POWER] button on the adapter.
The Wireless LAN connecting adapter is not visible on the unit overview screen ("HOME" screen) after the Wireless LAN connecting adapter has been configured.	 <ul style="list-style-type: none"> • Check that the power is on. • Check that the [RUN] lamp is lit. • If the [RUN] lamp is blinking, retry to connect the Wireless LAN connecting adapter to the Wireless network. Make sure the Wireless LAN connecting adapter is close enough to the router (Wireless LAN access point). • If the [RUN] lamp is lit, make sure that the smartphone or tablet is connected to the same Wireless LAN network as Wireless LAN connecting adapter.
None of the above work.	 <ul style="list-style-type: none"> • Refer to the FAQ on: http://www.daikinthal.com/product/dmobile

For instructions about how to operate the DAIKIN Mobile Controller application, please refer to the operation manual at <http://www.daikinthal.com/product/dmobile>

■ Call your dealer immediately

WARNING

When an abnormality (such as a burning smell) occurs, stop operation and turn off the circuit breaker.

- Continued operation in an abnormal condition may result in problems, electric shock or fire.
- Consult the dealer where you bought the air conditioner.

Do not attempt to repair or modify the air conditioner by yourself.

- Incorrect work may result in electric shock or fire.
- Consult the dealer where you bought the air conditioner.

If one of the following symptoms takes place, call your dealer immediately.

- The power cord is abnormally hot or damaged.
- An abnormal sound is heard during operation.
- The circuit breaker, a fuse, or the earth leakage circuit breaker cuts off the operation frequently.
- A switch or a button often fails to work properly.
- There is a burning smell.
- Water leaks from the indoor unit.

Turn off the circuit breaker and call your dealer.



■ After a power failure

- The air conditioner automatically resumes operation in about 3 minutes. You should just wait for a while.

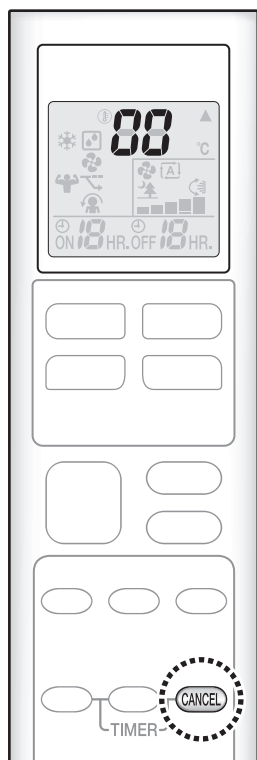
■ Lightning

- If there is a risk lightning could strike in the neighbourhood, stop operation and turn off the circuit breaker to protect the system.

■ Disposal requirements

- Dismantling of the unit, handling of the refrigerant, oil and other parts, should be done in accordance with the relevant local and national regulations.

Troubleshooting



■ Fault diagnosis by remote controller

- The remote controller can receive relevant error codes from the indoor unit.

1. When **CANCEL** is held down for about 5 seconds, “00” blinks in the temperature display section.

2. Press **CANCEL** repeatedly until a long beep is produced.

- The code indication changes as shown below, and notifies you with a long beep.

	CODE	MEANING
SYSTEM	00	NORMAL
	UA	INDOOR-OUTDOOR UNIT COMBINATION FAULT
	U0	REFRIGERANT SHORTAGE
	U2	DROP VOLTAGE OR MAIN CIRCUIT OVERVOLTAGE
	U4	FAILURE OF TRANSMISSION (BETWEEN INDOOR UNIT AND OUTDOOR UNIT)
INDOOR UNIT	A1	INDOOR PCB DEFECTIVENESS
	A5	FREEZE-UP PROTECTOR
	A6	FAN MOTOR FAULT
	C4	FAULTY HEAT EXCHANGER TEMPERATURE SENSOR
	C9	FAULTY SUCTION AIR TEMPERATURE SENSOR
OUTDOOR UNIT	E1	CIRCUIT BOARD FAULT
	E5	OL STARTED
	E6	FAULTY COMPRESSOR START UP
	E7	DC FAN MOTOR FAULT
	E8	OVERCURRENT INPUT
	F3	HIGH TEMPERATURE DISCHARGE PIPE CONTROL
	F6	HIGH PRESSURE CONTROL (IN COOLING)
	F8	OPERATION HALT DUE TO COMPRESSOR INTERNAL TEMPERATURE ABNORMALITY
	H0	SENSOR FAULT
	H6	OPERATION HALT DUE TO FAULTY POSITION DETECTION SENSOR
	H8	DC CURRENT SENSOR FAULT
	H9	FAULTY SUCTION AIR TEMPERATURE SENSOR
	J3	FAULTY DISCHARGE PIPE TEMPERATURE SENSOR
	J6	FAULTY HEAT EXCHANGER TEMPERATURE SENSOR
	L3	ELECTRICAL PARTS HEAT FAULT
	L4	HIGH TEMPERATURE AT INVERTER CIRCUIT HEATSINK
	L5	OUTPUT OVERCURRENT
	P4	FAULTY INVERTER CIRCUIT HEATSINK TEMPERATURE SENSOR

NOTE

- A short beep indicates non-corresponding codes.
- To cancel the code display, hold **CANCEL** down for about 5 seconds. The code display also clears if no button is pressed for 1 minute.

MEMO

MEMO

DAIKIN INDUSTRIES, LTD.

Head office:

Umeda Center Bldg., 2-4-12, Nakazaki-Nishi,
Kita-ku, Osaka, 530-8323 Japan

Tokyo office:

JR Shinagawa East Bldg., 2-18-1, Konan,
Minato-ku, Tokyo, 108-0075 Japan
<https://www.daikin.com>

Complies with
IMDA Standards
DA107930



The two-dimensional bar code is
a manufacturing code.

3P529266-7D M21N069 (2112) HT