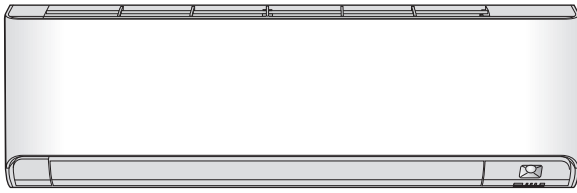




DAIKIN ROOM AIR CONDITIONER

OPERATION MANUAL



INVERTER



MODELS

FTKZ09VV2S

FTKZ12VV2S



[Sticker attachment area]

Attach the SSID&KEY sticker of wireless LAN connecting adapter to the sticker attachment area and keep safe.

Features

Enhanced comfort, energy savings and air cleaning



DRY (Dehumidifying)

This mode mixes dehumidified cool air with room air to adjust the air outlet temperature and remove moisture. ▶Page 15



INTELLIGENT EYE

The INTELLIGENT EYE sensor detects human movement and adjusts the right and left airflow direction. It can be set to avoid people or to direct airflow specifically at people. If no one is in the room for more than 20 minute, the operation automatically changes to energy saving operation. The INTELLIGENT EYE sensor works differently depending on the situation. ▶Page 23



CEILING AIRFLOW

The airflow direction is upward (ceiling spread airflow) while in COOL operation. This function prevents cold air from blowing directly on your body. ▶Page 22



MOLD PROOF

The MOLD PROOF function dries the interior of the indoor unit and provides an ideal environment to suppress the generation of mold for the indoor unit. ▶Page 19



FLASH STREAMER AIR CLEANING

Flash streamer decomposes mold and allergic substances. It keeps air in the room and the inside of the air conditioner clean to make a comfortable space. ▶Page 21

Other functions



OUTDOOR UNIT QUIET

OUTDOOR UNIT QUIET operation assures a low noise level of the outdoor unit. This function is useful to maintain a quiet neighbourhood. ▶Page 26



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 26






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Safety Precautions


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

 WARNING	Failure to follow these instructions properly may result in personal injury or loss of life.
 CAUTION	Failure to observe 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.
--	---	---

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.
- The appliance must be installed, operated and stored in a room with floor area larger than $\sim 4\text{m}^2$.
* Since the maximum refrigerant charge of the models is below 1.22kg, it does not have any limitation for the minimum floor area. Maintain an installation height of 2.5m or more from the floor surface to the bottom of the appliance.
- 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 1m 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.
- Only connect the air conditioner to the specified power supply circuit. Power supplies other than the one specified may result in electric shocks, overheating and fires.
- Be sure to install an earth leakage breaker. Failure to install an earth leakage breaker may result in electric shocks 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



- 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 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 panel. The panel may fall, and injury or product malfunctioning may result.
- Do not sway the panel. The panel may hit people or objects, and injury or property damage may result.
- Do not let children play around the panel. Injury or property damage may result.
- Do not pull the wires. The wires may be broken and the panel may fall, and injury or property damage may result.
- Do not locate obstacles in the route. The panel may fall, and injury or property damage may result.
- Do not bend or damage the wires. The wires may be broken and the panel may fall, and injury or property damage may result.
- Do not put objects on the 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.



- 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.

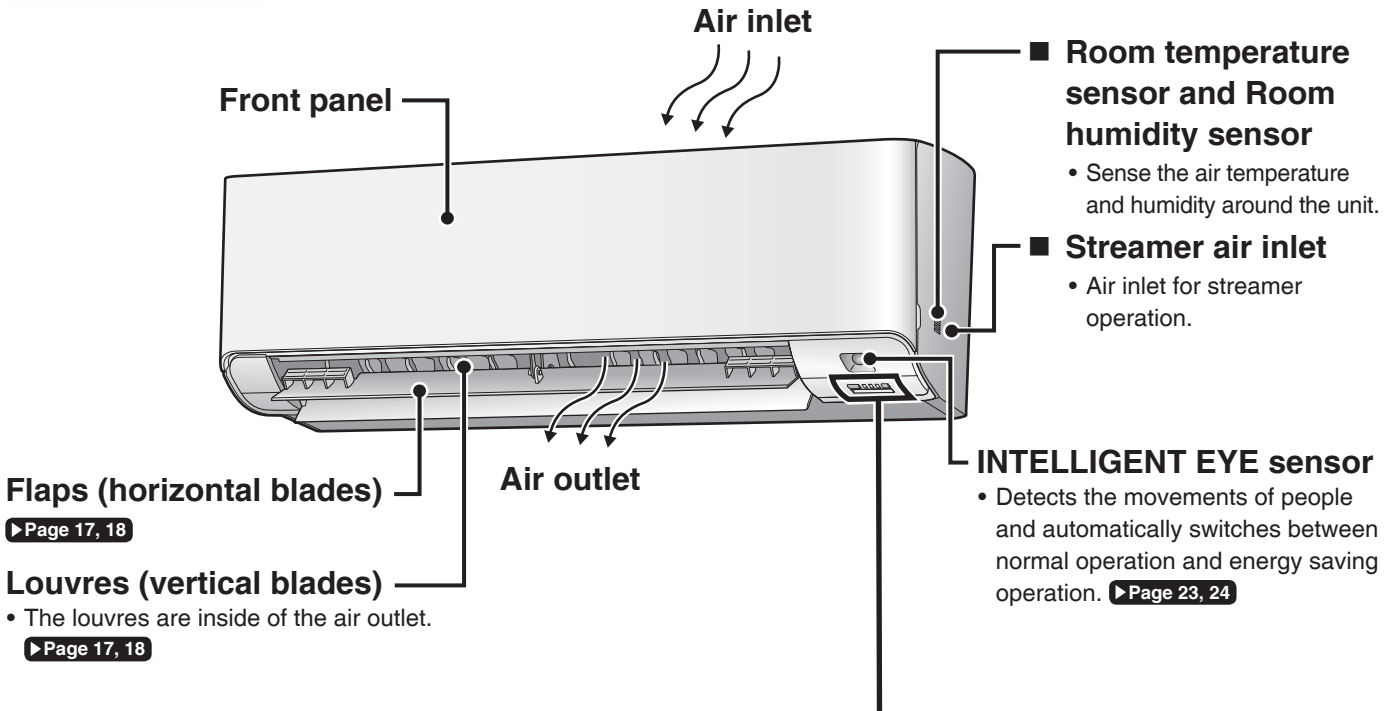
This is an appliance that is not accessible to the general public.

Precautions relating to area surrounding the indoor and outdoor units

- 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).
 - Refrain from using the units in areas prone to high levels of oily smoke, such as a kitchen. Water leakage may result.

Names of Parts

Indoor Unit



Display

MOLD PROOF lamp (Green)
▶Page 19

TIMER lamp (Orange)
▶Page 27, 28, 29

Indoor unit ON/OFF switch and OPERATION lamp (Green)

- 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	22.0°C	AUTO

- This switch can be used when the remote controller is missing or out of batteries.

STREAMER lamp (Green)
▶Page 21

Wireless LAN connecting adapter lamp (Orange)
▶Page 30

Signal receiver

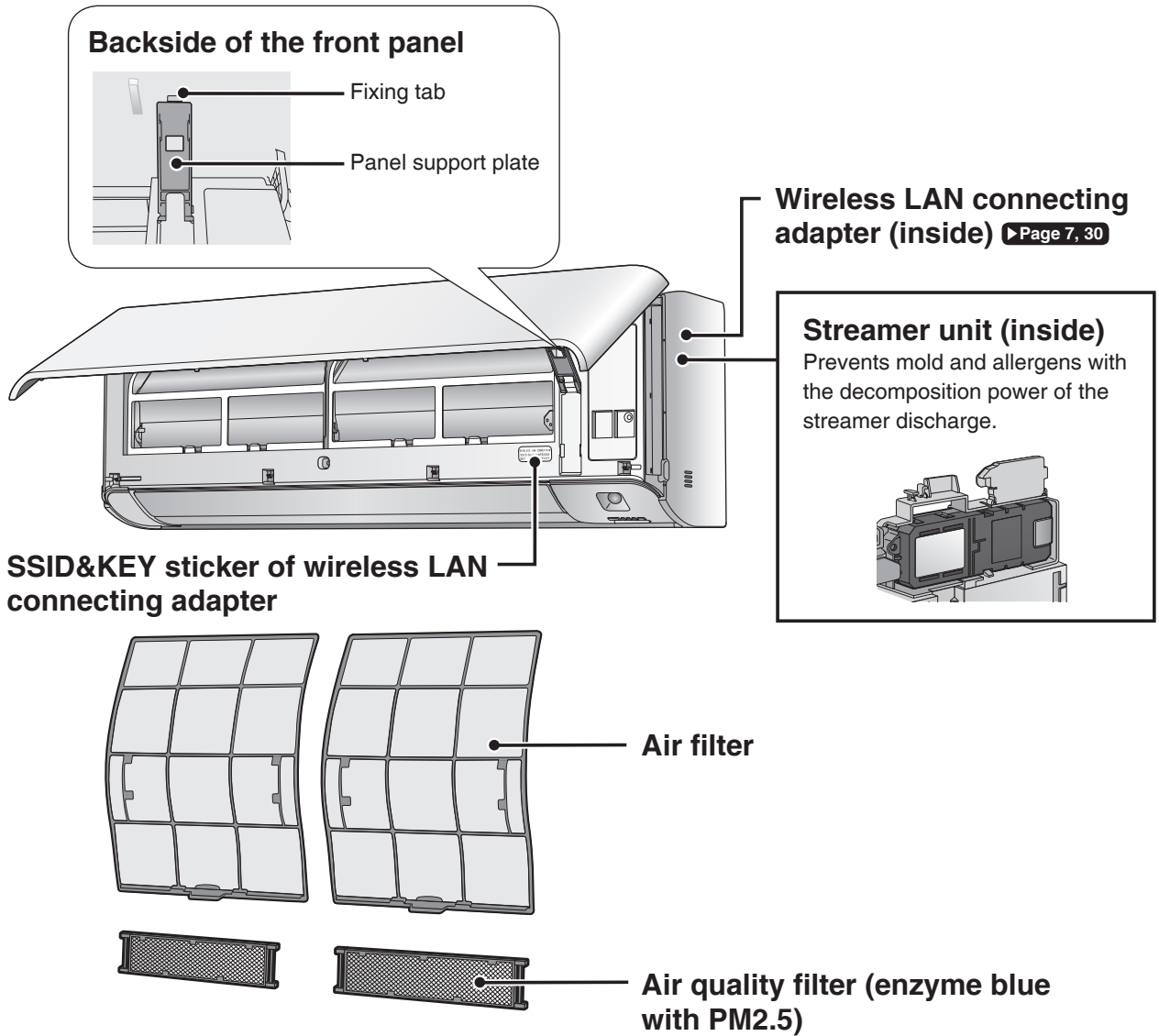
- It receives signals from the remote controller.
- When the unit receives a signal, you will hear a beep sound.

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

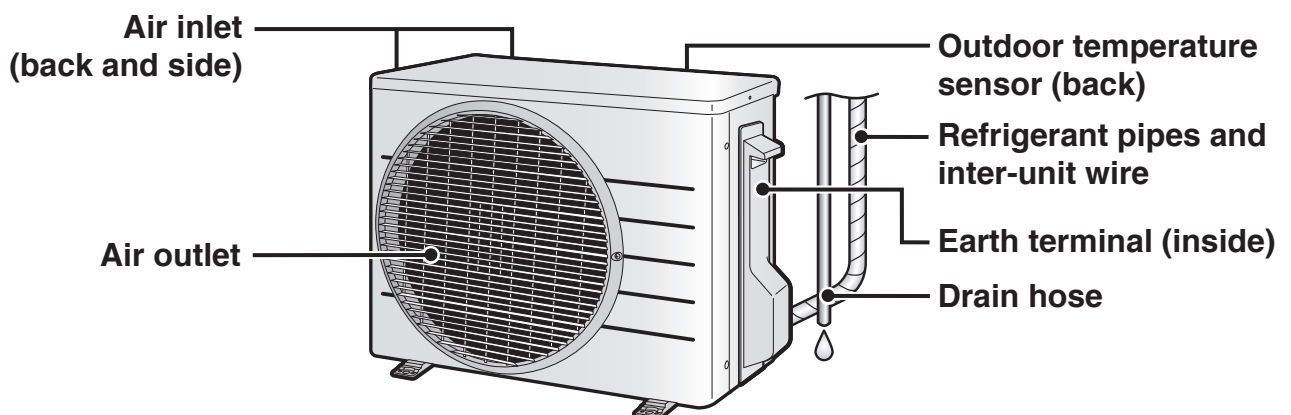
List of lamps

Lamp	Colour	State	Description
OPERATION lamp	green	Lights up	The air conditioner is running.
		Blinks	Check the error code.
TIMER lamp	orange	Lights up	TIMER is set. ▶Page 27, 28, 29
MOLD PROOF lamp	green	Lights up	MOLD PROOF operation. ▶Page 19
STREAMER lamp	green	Lights up	STREAMER operation. ▶Page 21
Wireless LAN connecting adapter lamp	orange	Lights up	Wireless LAN connecting adapter operation. ▶Page 30
		Blinks	Wireless LAN connecting adapter is connected. ▶Page 30

■ Open the front panel



Outdoor Unit



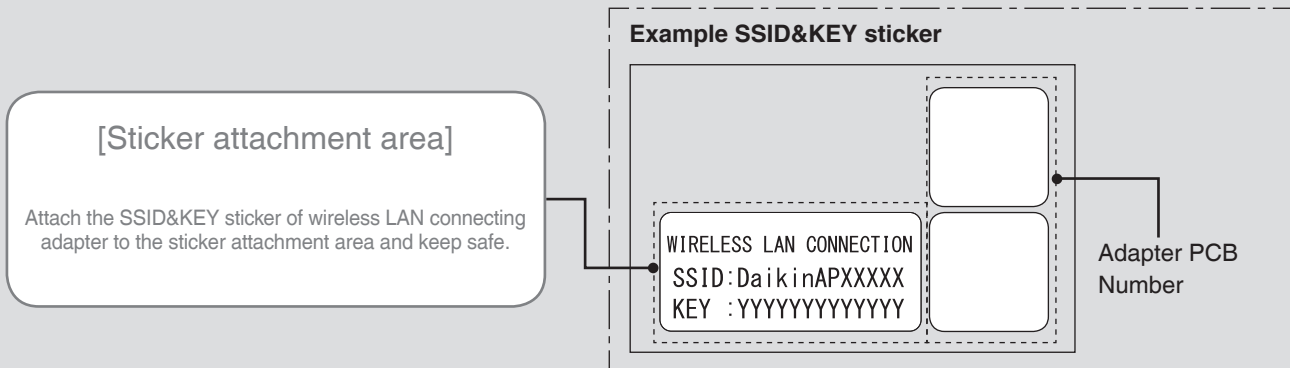
Names of Parts

Wireless LAN connecting adapter

The wireless LAN connecting adapter function requires the DAIKIN Mobile controller application for connecting to the air conditioner and controlling it via your smartphone or tablet over your network.

ATTENTION

- Attach the sticker to the sticker attachment area on the cover page of the operation manual and keep it safe, as in the detail below:

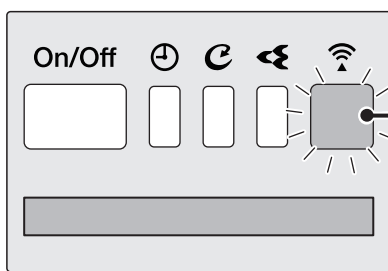


[About the SSID and KEY]

- The [SSID] and [KEY] shown on the SSID&KEY sticker are necessary when connecting the air conditioner to a smartphone via wireless LAN.

Configuration

- The user is responsible for providing the following items before using this product:
 - Smartphone or tablet (Supported OS: Android 4.1.2 or later; iOS 10.0 or later. For the latest version, refer to the web site <http://www.daikinthal.com/product/dmobile/compatible>).
 - Wireless LAN access point and communicating device (Modem/router or similar device)
 - Application name: [DAIKIN Mobile Controller] (free)
(application version 4.0 or higher is needed to control this product)
For details on the installation method for the DAIKIN Mobile Controller application, please see [▶Page 30](#).



Wireless LAN connecting adapter lamp (Orange)

- The wireless LAN connecting adapter lamp lights when connecting to a router (Wireless LAN access point). Please see [▶Page 30](#).
- For wireless LAN connecting adapter operation, please see [▶Page 31](#).

NOTE

Notes on the wireless LAN connecting adapter

- Do not use this product near a microwave oven. (This can affect wireless LAN communications.)
- While the wireless LAN connecting adapter operates, it may affect persons using cardiac pacemakers or defibrillators. This product may cause electromagnetic interference.
- While the wireless LAN connecting adapter operates, it may affect automatic doors or fire alarm equipment. This product may cause faulty behaviour of the equipment.
- For the latest details about installation of the wireless LAN connecting adapter and applicable units, refer to the web site <http://www.daikinthal.com/product/dmobile> .

Remote Controller

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.

FAN setting button

- Selects the airflow rate setting.

▶Page 16

POWERFUL button and Wireless LAN button

POWERFUL button

- POWERFUL operation. ▶Page 25

Wireless LAN button (push 5 seconds)

- Wireless LAN connection. ▶Page 30

Display (LCD)

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

TEMPERATURE adjustment button

- Changes the temperature setting.

▶Page 15

ON/OFF button

- Press this button once to start operation.

Press once again to stop it. ▶Page 14

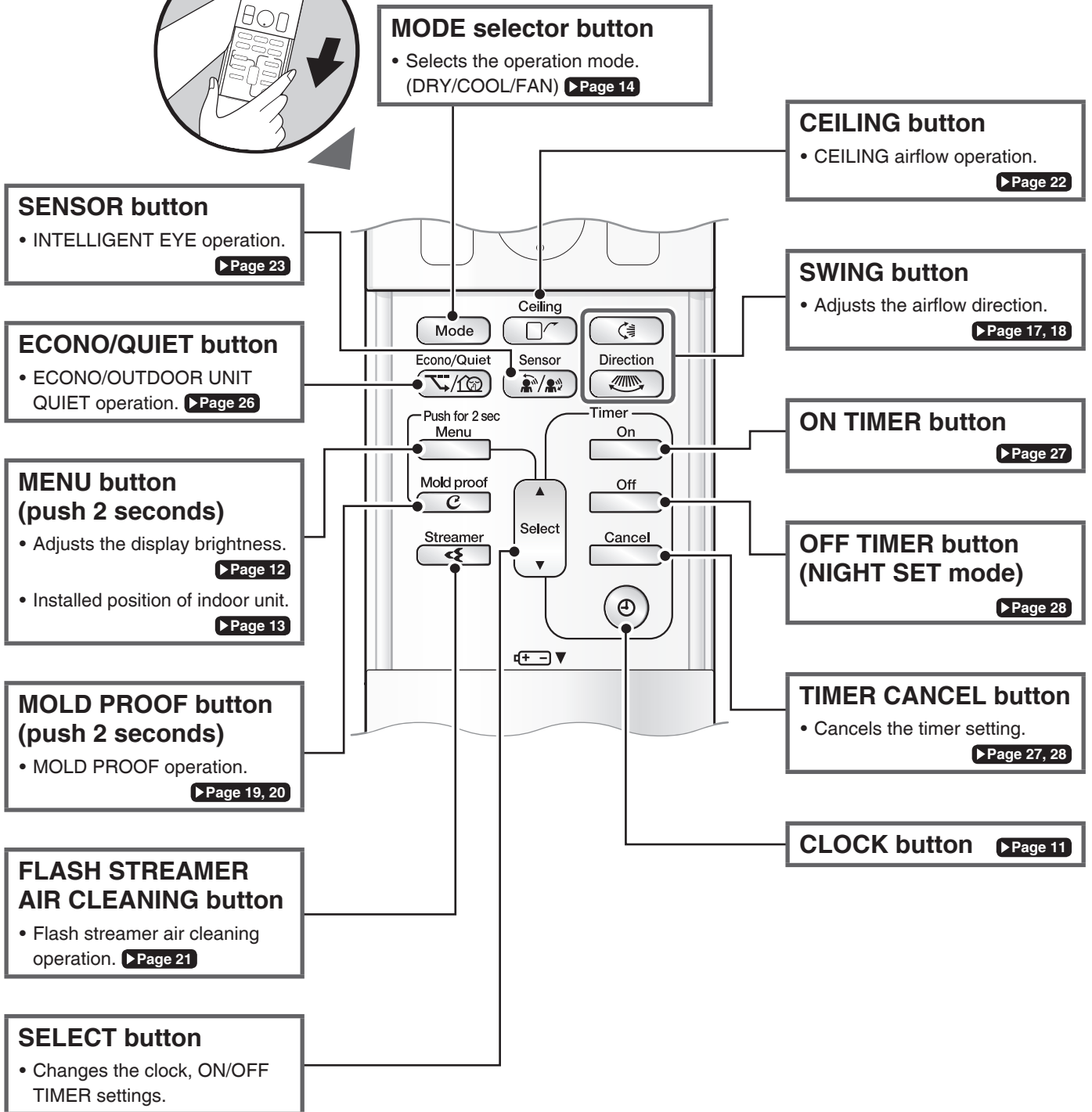
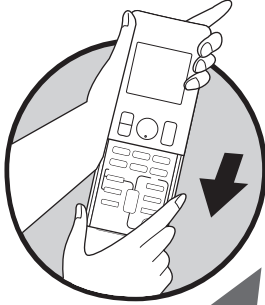
Front cover

- Open the front cover. ▶Page 9

Model name ARC466A63

Names of Parts

■ Open the front cover



Preparation Before Operation

CAUTION

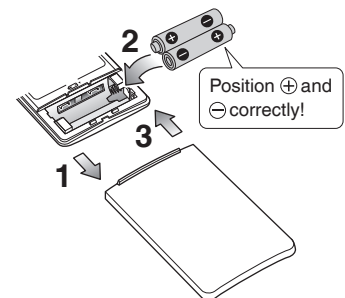
Incorrect handling of batteries can result in injury from battery leakage, rupturing or heating, or lead to equipment failure.

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. Slide the front cover to take it off.
2. Insert 2 dry batteries AAA.LR03 (alkaline).
3. Replace the front 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. Place the remote controller in the remote controller holder.

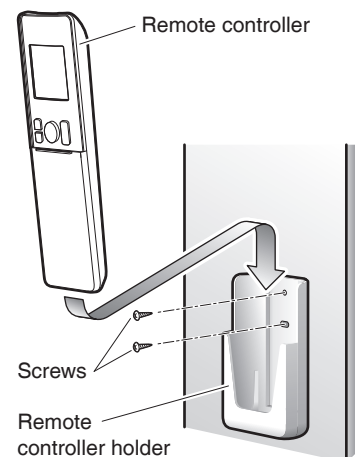
■ To attach the air quality filter (enzyme blue with PM2.5)

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

▶ Page 36

■ Turn on the circuit breaker

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



NOTE

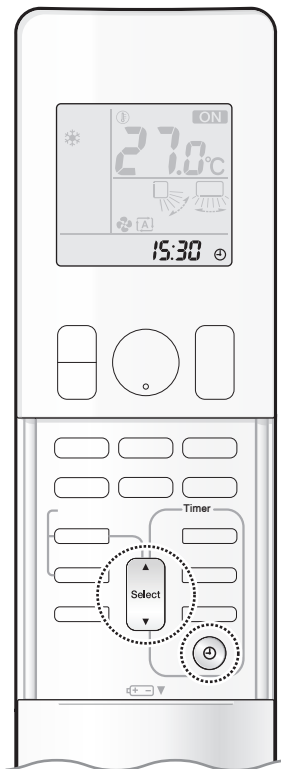
Notes on batteries

- 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, "□/□" 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 "□/□" begins blinking.
- The batteries supplied with the remote controller are for initial operation. The batteries may run out in less than 1 year. The usable period of the batteries may be short depending on the manufactured date of the air conditioner.

Notes on remote controller

- Do not drop the remote controller. Do not get it wet.
- Dust on the signal transmitter or receiver will reduce the sensitivity. Wipe off dust with soft cloth.
- Signal communication may be disabled if an electronic-starter-type fluorescent lamp (such as inverter-type lamps) is in the room. Consult the shop if that is the case.
- If the remote controller signals happen to operate another appliance, move that appliance to somewhere else, or consult the service shop.

Preparation Before Operation




■ To set the clock

1. Press .



“0:00” appears on the LCD.


“” blinks.

2. Press  **to set the clock to the present time.**

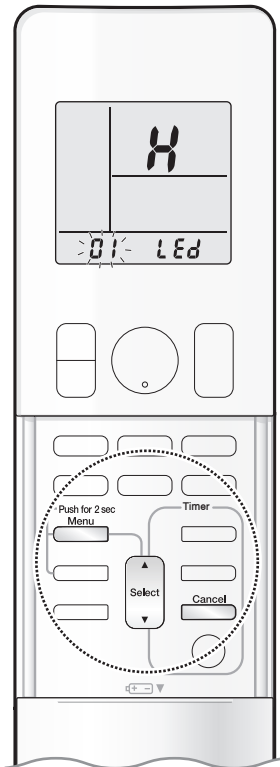
- Holding down ▲ or ▼ rapidly increases or decreases the displayed time.

3. Press .



“” blinks.

- Point the remote controller at the indoor unit when pressing the button.



■ To set the brightness of the indoor unit lamps

Adjust the brightness of the indoor unit display as desired, or turn OFF the display.

■ To set

1. Press  **and hold the button for 2 seconds.**

- “LED” appears on the LCD.
- “01” (menu number) blinks.

2. Press  **or**  **and select menu number 01.**

3. Press  **to confirm the selected setting.**

4. Press  **or**  **and select the desired brightness as follows:**




5. Press  **again.**

- Brightness will be set to the chosen value.

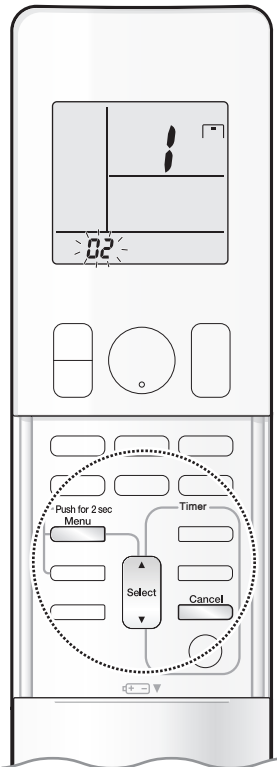
6. Press  **to return to the default screen.**

NOTE

Note on setting brightness of the indoor unit lamps

- The display automatically returns to the default screen after 60 seconds. To return to the default screen sooner, press  twice.

Preparation Before Operation



■ To set the position where the indoor unit is installed

Set the indoor unit position to avoid direct airflow to walls.

■ To set

1. Press **and hold the button for 2 seconds.**

- “LED” appears on the LCD.
- “01” (menu number) blinks.

2. Press **or** **and select menu number 02.**

- “” appears on the LCD.
- “02” (menu number) blinks.

3. Press **to confirm the selected setting.**

4. Press **or** **and select the indoor unit position as follows:**

◆ Installation position

If the unit is...	Position number	LCD	Installation position
In the middle of the wall (factory default setting)	1	<p>Blinks</p>	<p>Centre : The horizontal airflow direction blows air evenly to the right and left.</p>
≤500 mm from the wall on right	2	<p>Blinks</p>	<p>Right corner : The horizontal airflow direction blows air to the left.</p>
≤500 mm from the wall on left	3	<p>Blinks</p>	<p>Left corner : The horizontal airflow direction blows air to the right.</p>

- The airflow range will be adjusted to avoid direct contact with the wall. [▶Page 17, 18](#)

5. Press **again.**

- The installation position of the indoor unit will be set.

6. Press **to return to the default screen.**

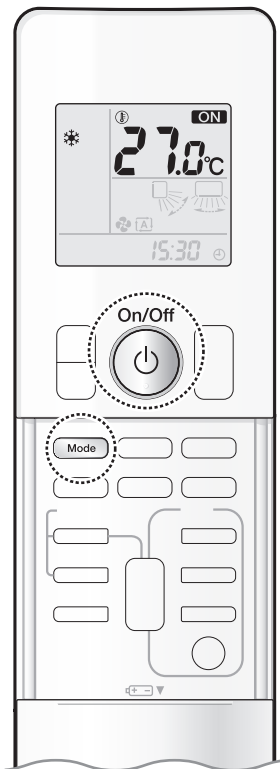
NOTE

Notes on setting the position where the indoor unit is installed

- The display automatically returns to the default screen after 60 seconds. To return to the default screen sooner, press twice.
- The airflow direction is properly controlled by inputting a number representing the installation position of the indoor unit into the remote controller.
- If you do not set the right corner and left corner correctly, the airflow direction may not be properly controlled in some airflow settings.
- The airflow direction range at the horizontal airflow setting (airflow direction that can be selected with) will change according to the settings for the installation position.



COOL · DRY · FAN Operation

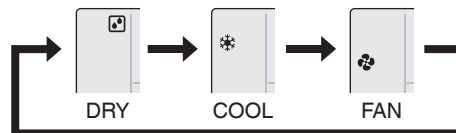


The air conditioner operates with the operation mode of your choice.
From the next time on, the air conditioner will operate with the same operation mode.

■ To start

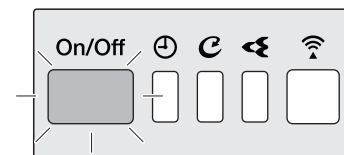
1. Press and select an operation mode.

- Each pressing of the button changes the mode setting in sequence.



2. Press .

- “**ON**” appears on the LCD.
- The OPERATION lamp lights green.



Display

■ To stop

▶ Press again.

- “**ON**” disappears from the LCD.
- The OPERATION lamp goes off.

NOTE

Note on COOL operation

- This air conditioner cools the room by releasing the heat in the room outside.
Therefore, the cooling performance of the air conditioner may be degraded if the outdoor temperature is high.

Note on DRY operation

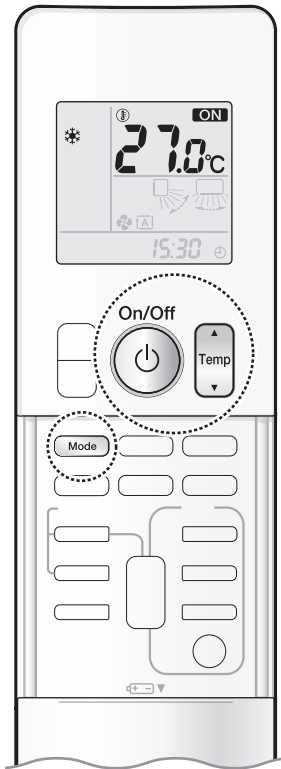
- Eliminates humidity while maintaining the indoor temperature as much as possible. It automatically controls temperature and airflow rate, so manual adjustment of these functions is unavailable.

Note on FAN operation

- This mode is valid for fan only.



COOL · DRY · FAN Operation



■ To change the temperature setting



- Press ▲ to raise the temperature and press ▼ to lower the temperature. Each pressing of the button changes the temperature by 0.5°C.

COOL operation	DRY operation	FAN operation
16.0~32.0°C	“STD~(STD-3.0°C)” *1, *2	The temperature setting cannot be changed.

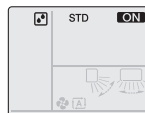
*1 STD (Standard)... Indoor temperature at the time when the DRY operation is started.

*2 STD (Standard)... “” and “STD” appear on the LCD.

Dry (Dehumidifying)

■ To use Dry (Dehumidifying) mode

● Press and select DRY operation mode.



- “” and “STD” appear on the LCD.
- DRY operation starts.

- Press to raise the temperature and press to lower the temperature by 0.5°C with each press.



- This mode mixes dehumidified cool air with room air to adjust the air outlet temperature and remove moisture.
- When the outdoor temperature is lower than the indoor temperature, dehumidifying is less effective.

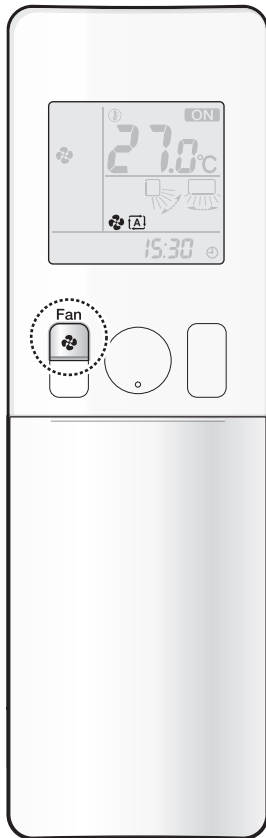
NOTE

Notes on DRY operation

- In order to lower the humidity, the airflow rate during the DRY operation is automatically controlled.
- When the indoor temperature rises, COOL operation automatically starts.




Adjusting the Airflow Rate

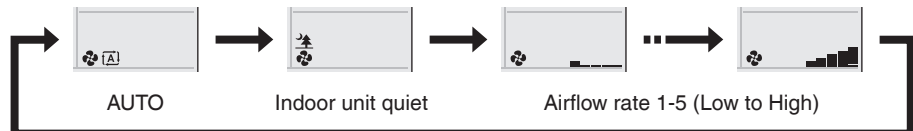



You can adjust the airflow rate to increase your comfort.

■ To adjust the airflow rate setting

▶ Press  .

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



- When the airflow is set to “”, quiet operation starts and noise from the indoor unit will become quieter.
- In the quiet operation mode, the airflow rate is set to a weak level.
- If the temperature does not reach the desired point, change the airflow rate setting.
- If COOL/DRY operation is started with airflow settings on “AUTO”, the indoor unit will initially deodorise, which functions to suppress any internal odours. As a result, the indoor unit will not emit air immediately. (Wait for about 1 minute.)
- At smaller airflow rates, the cooling effect is also smaller.

Tips for saving energy

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

- Recommended temperature setting for cooling: 26.0-28.0°C

Cover windows with a blind or a curtain.

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

Keep the air filters clean.

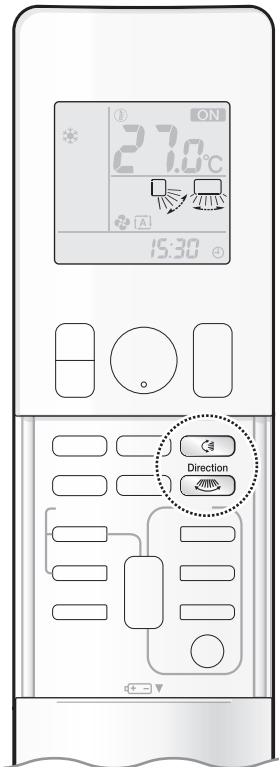
- Clogged air filters cause inefficient operation and waste energy. Clean them once in about every 2 weeks. [▶ Page 35](#)

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.

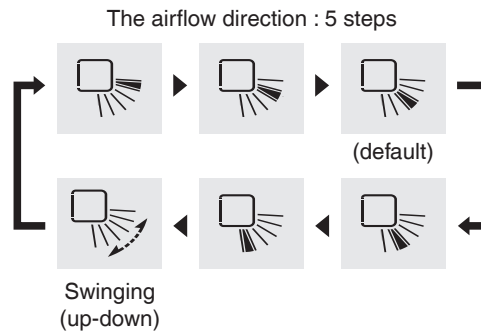
ATTENTION

- Always use a remote controller to adjust the angles of the flaps and louvres.
 - If you attempt to move the flaps and louvres forcibly by hand when they are swinging, the mechanism may be damaged.
 - Inside the air outlet, a fan is rotating at a high speed.

To adjust the flaps (horizontal blades)

Press .

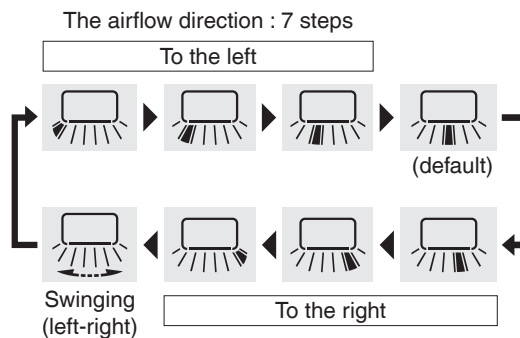
- Each time you press the button, the airflow direction indicator changes.
- The flaps (horizontal blades) will begin to move vertically.



To adjust the louvres (vertical blades)

Press .

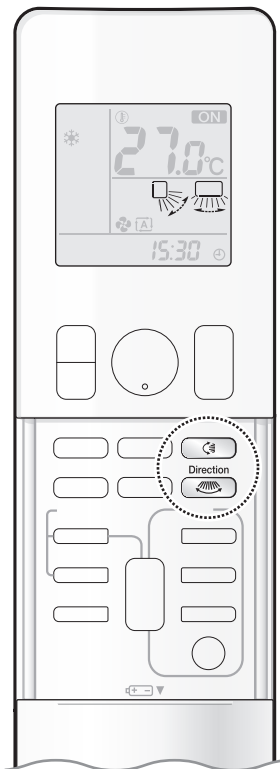
- Each time you press the button, the airflow direction indicator changes. (Some indicators may not appear depending on the setting of “**Installed position**”.) [▶ Page 13](#)
- The louvres (vertical blades) will begin to move horizontally.



NOTE





Note on left and right airflow direction

- Depending on the installation position of air conditioner, the icons may not appear in the same way as shown above. The icons above are shown when the air conditioner is installed in a central position.



The 3-D airflow direction

● Press  and , and set the vertical and horizontal airflow directions to “Swinging”.

- “” and “” appear on the LCD.
- The flaps (horizontal blades) and louvres (vertical blades) will move alternately.
- To cancel 3-D airflow, press either  or  again. The flaps (horizontal blades) or louvres (vertical blades) will stop moving.

Swinging (up-down and left-right)



NOTE

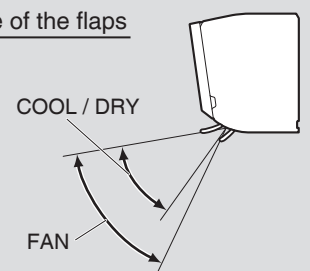
Notes on airflow direction setting

- The movable range of the flaps varies according to the operation mode, refer to the right picture.

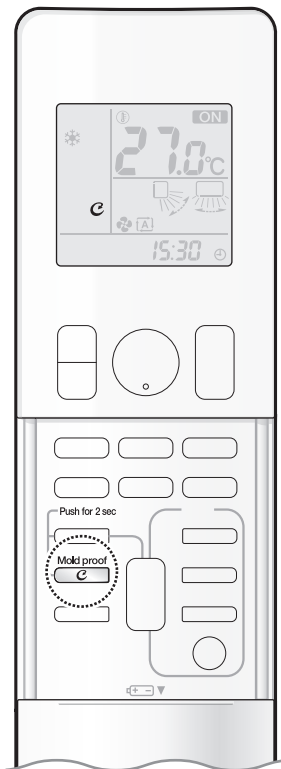
Note on 3-D airflow

- Using 3-D airflow circulates cold air, which tends to collect at the bottom of the room, preventing areas of cold developing.

Movable range of the flaps



MOLD PROOF Operation



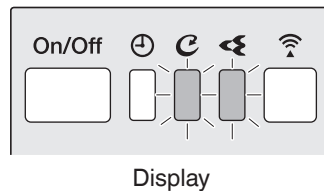
The inside of the air conditioner is dried to reduce the occurrence of mold and odour.

[To operate automatically]

■ To set

● Press  and hold the button for 2 seconds.

- “C” appears on the LCD.
- After DRY or COOL operation stops, the air conditioner starts MOLD PROOF operation automatically.
- MOLD PROOF operation lamp and FLASH STREAMER AIR CLEANING operation lamp light green.




■ To cancel

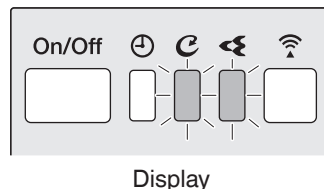
● Press  and hold the button for 2 seconds one more time.

- “C” disappears from the LCD.

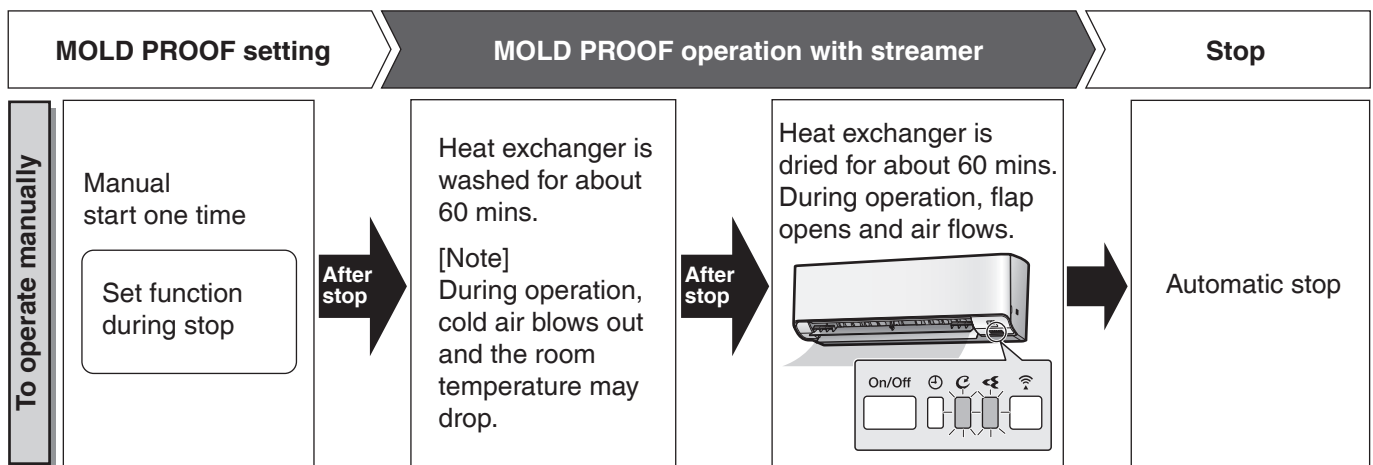
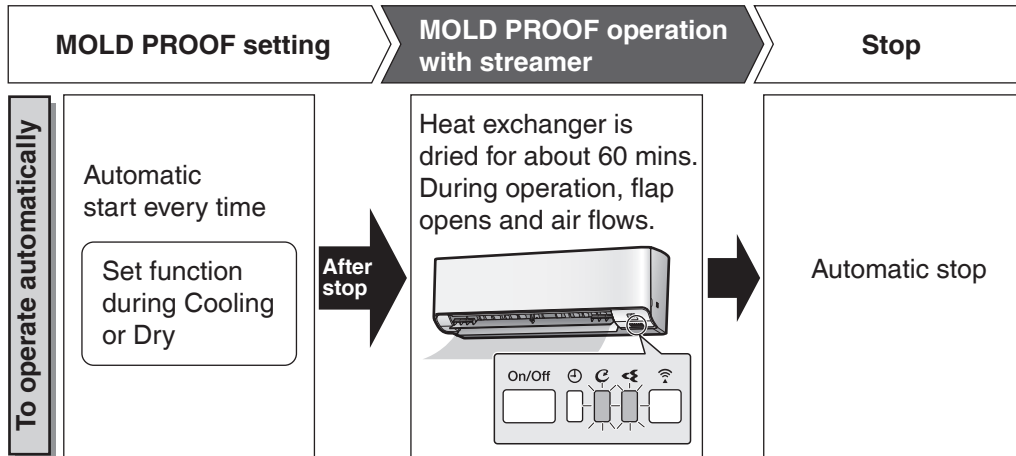
[To operate manually]

● Press  for about 2 seconds while the unit is not operating.

- “C” blinks on the LCD, and the display returns to normal after a while.
- If the air conditioner is turned off for more than 3 minutes, press  once again and hold the button for 2 seconds to start MOLD PROOF operation.
- MOLD PROOF operation lamp lights green and FLASH STREAMER AIR CLEANING operation lamp lights up.




[Flow of function]



NOTE

Notes on MOLD PROOF setting

- When you want to stop MOLD PROOF operation midway, press  twice.
- This operation dries the inside of the air conditioner while streamer discharge is performed to reduce the development of mold and odour inside the air conditioner. But the function does not remove any adhered dust and mold.
- MOLD PROOF operation is not available when the unit is turned off using the OFF TIMER or turned off using a smartphone.

Notes on MOLD PROOF operation

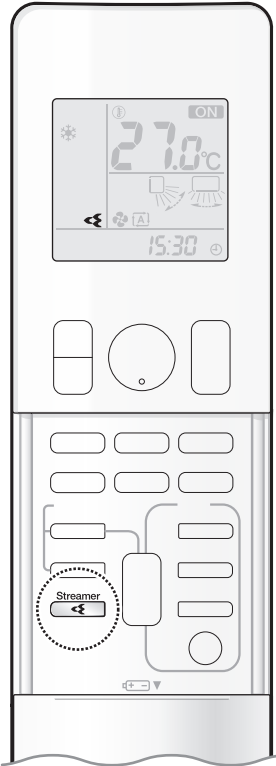
- The flaps may sometimes close to increase the drying effect inside the air conditioner.
- MOLD PROOF operation may not be performed if the COOL or DRY operation time is short.
- If MOLD PROOF operation does not suit your preference, set operation to "OFF". [▶Page 19](#)

Relation between MOLD PROOF operation and indoor unit lamps

Air conditioner	MOLD PROOF setting	MOLD PROOF lamp	STREAMER lamp
Operating (OPERATION lamp lights up)	MOLD PROOF is "ON"	Lights up	Depends on STREAMER setting
	MOLD PROOF is "OFF"	Goes off	
Not operating (OPERATION lamp goes off)	MOLD PROOF is "ON"	Lights up	Lights up



FLASH STREAMER AIR CLEANING Operation

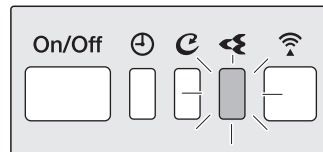


The streamer generates a high-speed electron stream with a high oxidizing power, reducing bad odours and viruses. Together with the air quality filter (enzyme blue with PM2.5) and the air filters, this function cleans the air in the room.

■ To start

Press  .

- “” appears on the LCD.
- FLASH STREAMER AIR CLEANING operation lamp lights green.



Display

■ To cancel

Press  again.

- “” disappears from the LCD.

NOTE

What is streamer discharge?

- This is a type of plasma discharge comprising high-speed electrons with a high oxidative capacity that is released within the unit. It decomposes odours and harmful gases. (The high-speed electrons are generated and then adsorbed within the unit ensure your safety.)

Notes on FLASH STREAMER AIR CLEANING operation

- The streamer discharge may generate a fizzing sound, however this does not indicate a defect.
- Do not block the air inlets of the streamer with any objects (**Fig.1**). Impaired airflow may result in insufficient performance or trouble with streamer operation.

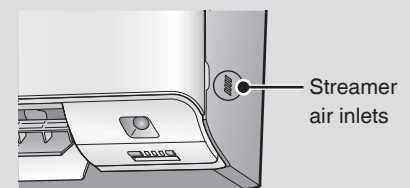
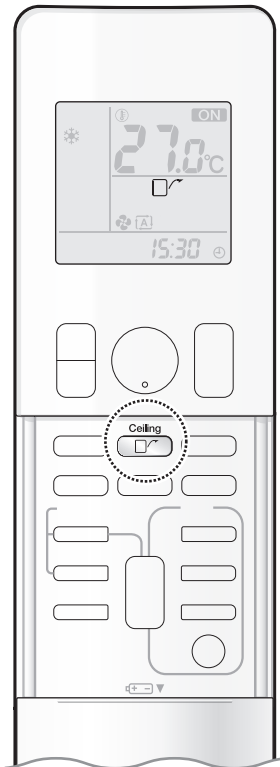


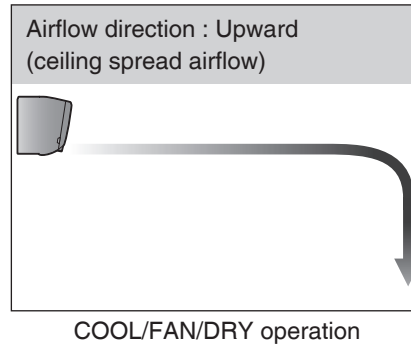
Fig. 1



CEILING AIRFLOW Operation



The flow of air will be in the upward direction while in COOL/FAN/DRY operation, which will provide a comfortable wind that will not come in direct contact with people.



■ To start


Press  .

- “” appears on the LCD.

	COOL and FAN operation	DRY operation
Flaps direction	Goes up	
Airflow rate	The airflow rate can be set to any level	AUTO

■ To cancel

Press  again.

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

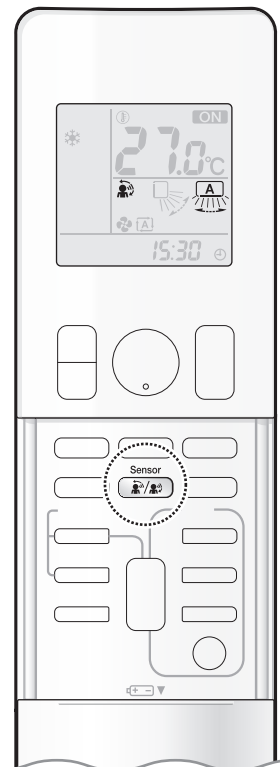
NOTE

Notes on CEILING AIRFLOW operation

- POWERFUL operation, CEILING AIRFLOW operation and ECONO operation cannot be used at the same time.
- The airflow rate can be set to any level, except for during DRY operation.
- If the upward and downward airflow direction is selected, the CEILING AIRFLOW operation will be canceled. Priority is given to the function of whichever button is pressed last.



INTELLIGENT EYE Operation



The INTELLIGENT EYE sensor detects human movement and adjusts the right and left airflow direction. It can be set to avoid people or to direct airflow specifically at people.

If no one is in the room for more than 20 minute, the operation automatically changes to energy saving operation.

⚠ CAUTION

- Do not place large objects near the INTELLIGENT EYE sensor. Also keep heating units and humidifiers outside the sensor's detection area. This sensor can detect undesirable objects.
- Do not hit or violently push the INTELLIGENT EYE sensor. This can lead to damage and malfunction.

■ To start

➤ Press  and select the desired mode.

- Each time  is pressed, a different setting option appears on the LCD.



- When the louvres (vertical blades) are swinging, selecting any of the modes above will cause the louvres (vertical blades) to stop.
- The horizontal airflow direction is set to "AUTO". The INTELLIGENT EYE sensor detects people on the left side, right side, and in front.

■ To cancel

➤ Press  until no icon is displayed.

NOTE

Notes on combining INTELLIGENT EYE operation and CEILING AIRFLOW operation

- INTELLIGENT EYE operation can operate in combination with CEILING AIRFLOW operation.
 - When the INTELLIGENT EYE operation is set to blow directly on people and CEILING AIRFLOW operation is activated simultaneously, the air conditioner tracks you horizontally, without the air blowing directly on you.
- The airflow rate will be set to AUTO. If the up and down airflow direction is selected, the CEILING AIRFLOW operation will be canceled. Priority is given to the function of whichever button is pressed last.


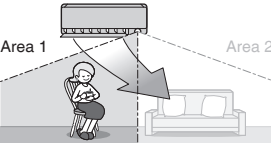
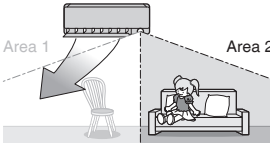
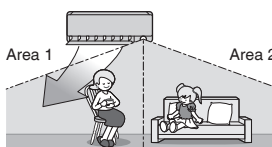
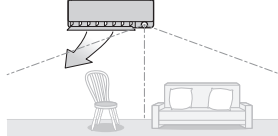

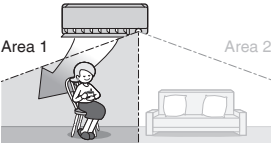
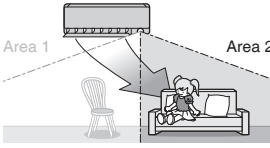
■ How INTELLIGENT EYE operation works

The INTELLIGENT EYE sensor detects human movement and adjusts the right and left airflow direction.

If no one is in the room for more than 20 minutes, the operation automatically changes to energy saving operation.

The INTELLIGENT EYE sensor works differently depending on the situation.

[Example]

	A person is detected in area 1.	A person is detected in area 2.	People are detected in both areas.	No people are detected in the areas.
			The airflow is directed to Area 1. 	 The air conditioner will switch to energy-saving mode after 20 minutes.
			The current airflow direction is maintained.	

* The airflow direction may differ from the illustrated direction depending on the actions and movements of the people in the areas.

INTELLIGENT EYE operation is useful for energy saving

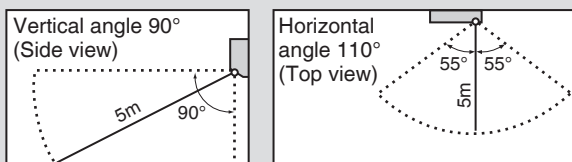
Energy saving operation


- If no presence detected in the room for 20 minutes, the energy saving operation will start.
- This operation changes the temperature by +2°C in COOL / +2°C in DRY operation from the set temperature. When the room temperature exceeds 30°C, the operation changes the temperature by +1°C in COOL / +1°C in DRY operation from the set temperature.
- This operation decreases the airflow rate slightly in FAN operation only.

NOTE

Notes on INTELLIGENT EYE operation

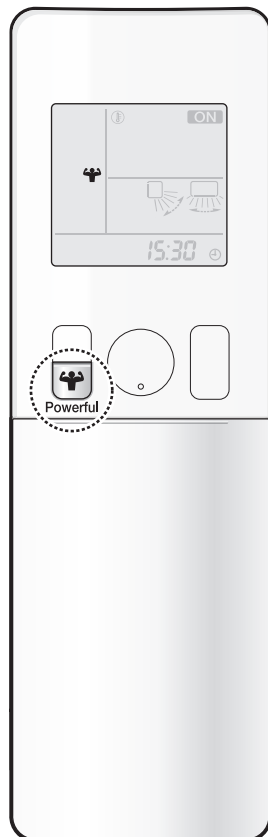
- Application range is as follows.



- When the air conditioner is function in INTELLIGENT EYE operation, if no people are detected in the areas for 20 minutes, the air conditioner switches to the energy-saving mode with the set temperature shifted by 2°C. The air conditioner may switch to the energy-saving operation even if there are people in the areas. It may happen depending on the clothes people are wearing if there are no movements of the people in the areas.
- The airflow direction from the louvres will be leftward if there are people in both areas 1 and 2. The air will also flow left if there is a person right in front of the sensor as the sensor judges that there are people in both areas.
- Due to the position of the sensor, people might be exposed to the airflow of the indoor unit if they are close to the front side of the indoor unit. If there are people close to the front side of the indoor unit or in both areas, it is recommended to use the CEILING AIRFLOW and INTELLIGENT EYE operations simultaneously. Using both modes together, the air conditioner will not direct the airflow towards the people.
- The sensor may not detect moving objects further than 5m away. (Please see the application range)
- Sensor detection sensitivity changes according to the indoor unit location, the speed of passers-by, temperature range, etc.
- The sensor could also mistakenly detect pets, sunlight, fluttering curtains and light reflected off of mirrors as passers-by.
- NIGHT SET mode  Page 28 will not switch on during use of INTELLIGENT EYE operation.



POWERFUL Operation




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

■ To start

● Press  during operation.


Powerful

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

■ To cancel



● Press  again.

Powerful

- “” disappears from the LCD.

NOTE

Notes on POWERFUL operation

- Pressing  causes the settings to be cancelled, and “” disappears from the LCD.
- 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 and airflow settings cannot be changed.
 - In DRY operation
The temperature setting is lowered by 2.5°C and the airflow rate is slightly increased.
 - In FAN operation
The airflow rate is fixed at the maximum setting.

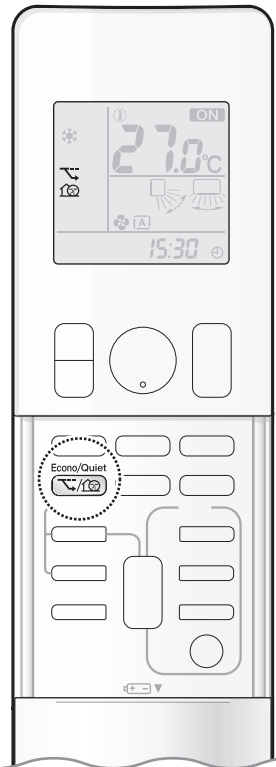
Regarding the combination of POWERFUL and other operations

POWERFUL + CEILING AIRFLOW	Not available*
POWERFUL + ECONO	
POWERFUL + OUTDOOR UNIT QUIET	

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



ECONO / OUTDOOR UNIT QUIET Operation



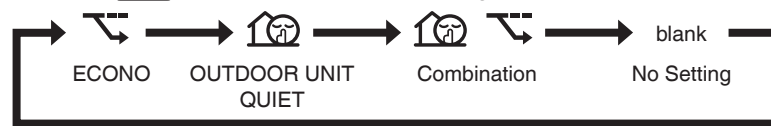
ECONO operation enables efficient operation by limiting the maximum power consumption. This function is useful to prevent the circuit breaker from tripping when the unit operates alongside other appliances on the same circuit.

OUTDOOR UNIT QUIET operation lowers the noise level of the outdoor unit by changing the frequency and fan speed of the outdoor unit. This function is convenient during the night-time operation.

■ To start

▶ Press  and select the desired mode.

- Each time  is pressed, a different setting option appears on the LCD.





■ To cancel


▶ Press  until no icon is displayed.

NOTE

Notes on ECONO operation

- ECONO operation can only be set when the unit is running.
- 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.

Notes on OUTDOOR UNIT QUIET operation

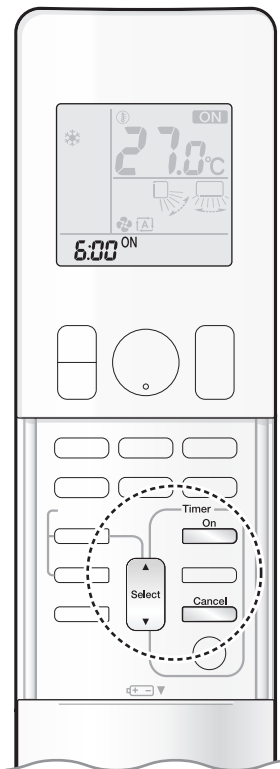
- Even if the operation is stopped by using the remote controller or the indoor unit ON/OFF switch when using OUTDOOR UNIT QUIET operation, “” will remain displayed on the remote controller.
- OUTDOOR UNIT QUIET operation will not reduce the frequency nor fan speed if they already are operating at reduced levels.
- This operation is performed with lower power and therefore may not provide a sufficient cooling effect.

Possible combinations of ECONO / OUTDOOR UNIT QUIET operation and basic operations

	Operation mode		
	DRY	COOL	FAN
ECONO	✓	✓	–
OUTDOOR UNIT QUIET	–	✓	–



ON/OFF TIMER Operation



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

[ON TIMER with a 24 hour clock display] (24 HOUR ON/OFF TIMER)

■ To set

- Check that the clock is correct.
If not, set the clock to the present time. ▶ [Page 11](#)

1. Press .



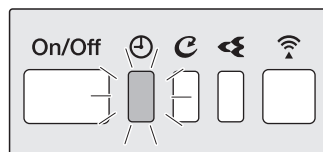
- “⊕” disappear from the LCD.

2. Press until the time setting reaches the point you like.

- Each pressing of either button increases or decreases the time setting by 10 minutes.
Holding down either button changes the setting rapidly.

3. Press again.

- “ON” and setting time appear on the LCD.
- The TIMER lamp lights orange.



Display

■ To cancel

▶ Press .

- “ON” and setting time disappear from the LCD.
- “⊕” appear on the LCD.
- The TIMER lamp goes off.

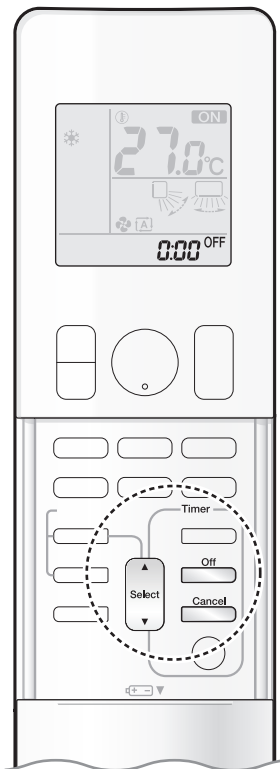
NOTE

Note on TIMER operation

- When TIMER is set, the present time is not displayed.

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.



[OFF TIMER with a 24 hour clock display] (24 HOUR ON/OFF TIMER)

■ To set

- Check that the clock is correct.
If not, set the clock to the present time. ▶Page 11

1. Press .



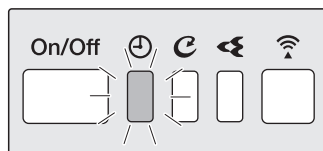
- “⊕” disappears from the LCD.

2. Press until the time setting reaches the point you like.

- Each pressing of either button increases or decreases the time setting by 10 minutes.
Holding down either button changes the setting rapidly.

3. Press again.

- “OFF” and setting time appear on the LCD.
- The TIMER lamp lights orange.



Display

■ To cancel

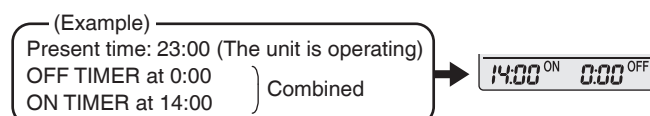
▶ Press .

- “OFF” and setting time disappear from the LCD.
- “⊕” appears on the LCD.
- The TIMER lamp goes off.

[ON/OFF TIMER combination]

■ To combine

- A sample setting for combining the 2 timers is shown below.



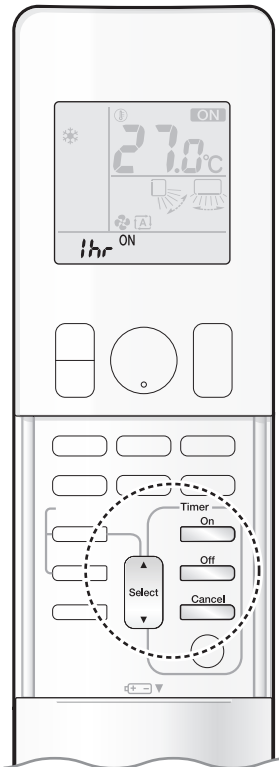
NOTE

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.



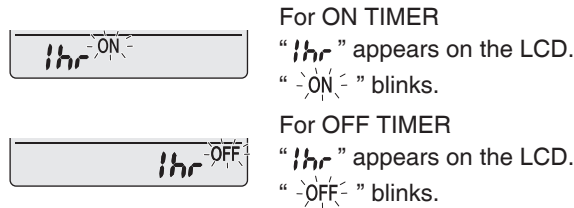
ON/OFF TIMER Operation



[ON/OFF TIMER with an hours remaining display] (COUNT UP-DOWN ON/OFF TIMER)

- Check that the clock is correct. If not, set the clock to the present time. ▶Page 11

1. Press and hold or for about 5 seconds, when signal indicator (▲) blink, release your finger from the button.



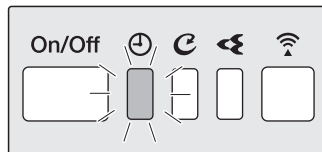
- "▲" disappears from the LCD.

2. Press until the time setting reaches the point you like.

- Each pressing of the button increases or decreases the time setting by 1 hour.
- The time can be set between 1 and 12 hours.

3. Press or again.

- "ON" and "OFF", and setting time appear on the LCD.
- The TIMER lamp lights orange.
- To change the display mode from COUNT UP-DOWN ON/OFF TIMER to 24 HOUR ON/OFF TIMER, repeat **STEP 1**, and continue from **STEP 2** of "24 HOUR ON/OFF TIMER". ▶Page 27, 28
- Timer display mode cannot be changed while "ON" or "OFF" are blinking. Press or to stop the blinking.



Display

■ Combining display modes

- Different display modes (24 HOUR ON/OFF TIMER and COUNT UP-DOWN ON/OFF TIMER) can be used for the ON TIMER and OFF TIMER simultaneously.



NOTE

Notes on COUNT UP-DOWN ON/OFF TIMER

- After setting, the time displayed on the LCD will automatically count down by 1 hour for every 1 hour that passes. For example, if the OFF TIMER is set to 3 hours, the display will change as follows: 3hr → 2hr → 1hr → blank (OFF)

Switching between ON/OFF TIMER display modes (24 hour clock and hours remaining display)

- When changing timer display modes (from 24 HOUR ON/OFF TIMER to COUNT UP-DOWN ON/OFF TIMER or vice versa), the timer cancels. The timer must be set again to activate it.



Wireless LAN connection

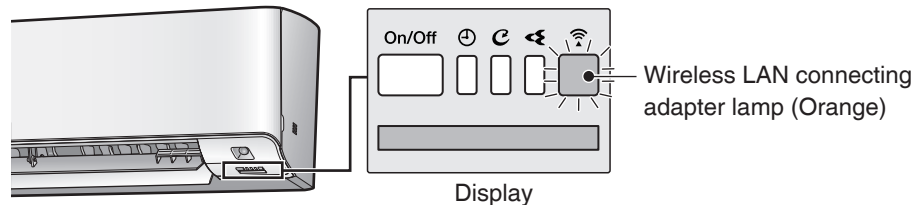
Please note

- Turn off the air conditioner before setting up wireless connection.

Prior to setting up, please make sure your device is ready to connect. You may refer to the indoor unit LED table for guidance.

Check the indoor unit LED.

Wireless LAN connecting adapter lamp	Status
Blinks for one second	<ul style="list-style-type: none"> • The wireless LAN connecting adapter is ready to connect.
No blinking/no light	<ul style="list-style-type: none"> • The wireless LAN connecting adapter is disabled. • Malfunction in communication between the indoor unit and the wireless LAN connecting adapter. <p>Please refer to the troubleshooting guide or contact the store where you bought the air conditioner to request a repair service.</p>
Lamp stays lit	<ul style="list-style-type: none"> • The wireless LAN connecting adapter is connected to a modem/router.



Wireless LAN connection

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

For more information on the latest version of wireless LAN control, please refer to the above website.

Application software installation

- Before downloading the application software for installation, please read “Configuration” on [Page 7](#).

For Android phones

- 1) Open [Google Play].
- 2) Search using the application name:
[DAIKIN Mobile Controller].
- 3) Follow the on-screen instructions for installation.



For iOS phones

- 1) Open [App Store].
- 2) Search using the application name:
[DAIKIN Mobile Controller].
- 3) Follow the on-screen instructions for installation.



Setting

Connect the wireless LAN connecting adapter to your home network.

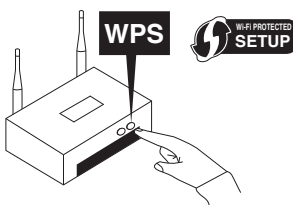
- The wireless LAN connecting adapter will communicate with the smart devices in your home network via a modem, router, or a similar device.

There are two options for connecting the wireless LAN connecting adapter to your smart phone or tablet:

- 1) Simple connection (WPS connection), if there is a WPS button on the router [Page 32](#) .
- 2) Access point connection (AP connection), if there is no WPS button on the router [Page 33](#) .

For more information and Frequently Asked Questions, please refer to:

<http://www.daikintha.com/product/dmobile> .



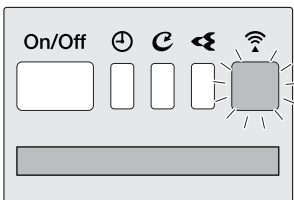
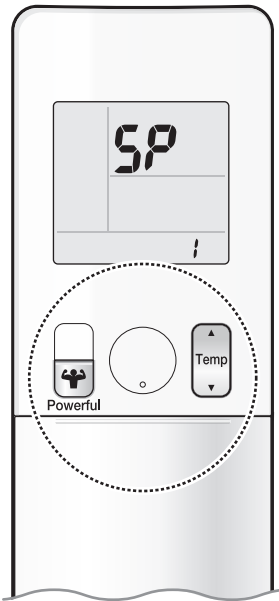
NOTE

Note on wireless LAN connection

- For more information on how the wireless LAN connecting adapter operates, please see [Page 31-33](#).



Wireless LAN connection




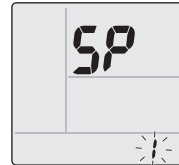
Display

Enabling/disabling the wireless LAN connecting adapter

■ To enable

1. While operation is stopped, press  and hold the button for 5 seconds.

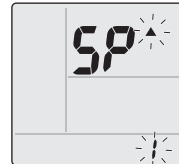
- “SP” appears on the LCD.
- “” (SP menu) blinks.



2. Press  or  and select SP menu .

3. Press  to confirm the selected setting.


- “▲” blinks briefly.
- The wireless LAN connecting adapter lamp (orange) blinks for one second.



4. Press  to return to the default screen.

■ To disable

1. While operation is stopped, press  and hold the button for 5 seconds.

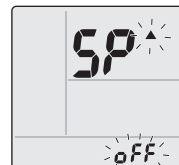
- “SP” appears on the LCD.
- “” (SP menu) blinks.



2. Press  or  and select SP menu .

3. Press and hold  for 2 seconds to confirm the selected setting.

- “▲” blinks briefly.
- The wireless LAN connecting adapter lamp (orange) goes off.



4. Press  to return to the default screen.

NOTE

Notes on SP-3 menu

- SP-3 menu cannot be used on this air conditioner. Do not need to activate.
- If you accidentally activated this menu, the wireless LAN connecting adapter lamp blinks constantly. Please follow the steps below to solve the problem. There are 2 ways to deactivate SP-3 menu.
 - 1) Turn off the wireless LAN connecting adapter and then turn it on again.
 - 2) Turn off the air conditioner circuit breaker and then turn it on again.

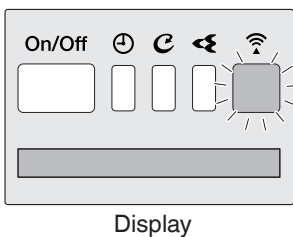
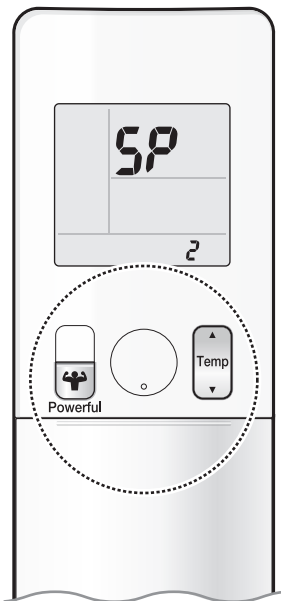


Fig. 1

To connect the wireless LAN connecting adapter to your home network


The wireless LAN connecting adapter can be connected to your home network by means of:

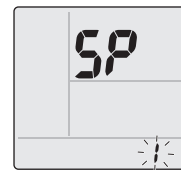
- Simple connection (WPS connection), if there is a WPS button on the router.
- Access point connection (AP connection), if there is no WPS button on the router.

■ Simple connection (WPS connection)

If there is a WPS button on your Wi-Fi router, please follow the below steps.


1. While operation is stopped, press  and hold the button for 5 seconds.

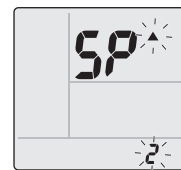
- “SP” appears on the LCD.
- “” (SP menu) blinks.



2. Press  or  and select SP menu .

3. Press  to confirm the selected setting.

- “” blinks briefly.
- The wireless LAN connecting adapter lamp (orange) blinks more quickly.



4. Press the WPS button on your communication device (e.g. router) within approximately one minute. Please refer to the manual of your communication device.

- The wireless LAN connecting adapter lamp (orange) stays lit. If you fail to connect, refer to NOTE.


5. Press  to return to the default screen.

6. Connect your smart phone to your home network.

7. Open the Home screen of the DAIKIN Mobile Controller application. The air conditioner will be listed there (Fig.1).

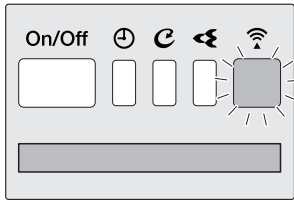
NOTE

Note on simple connection (WPS connection)

- If you fail to connect (the wireless LAN connecting adapter lamp (orange) continues to blink), repeat steps 1-5. Alternatively, try connecting via your device directly. Please refer to “Access point connection (AP connection)” .



Wireless LAN connection



Display

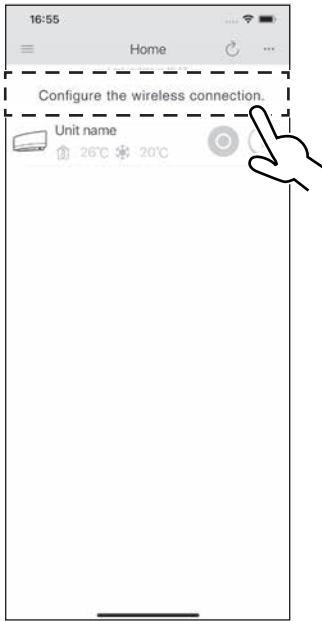
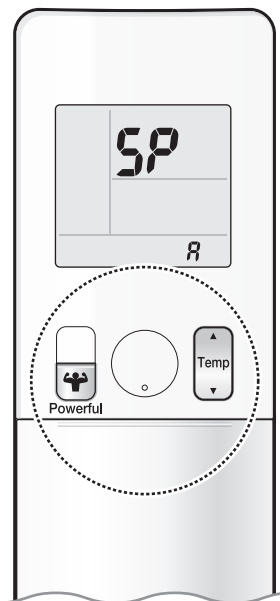


Fig. 2



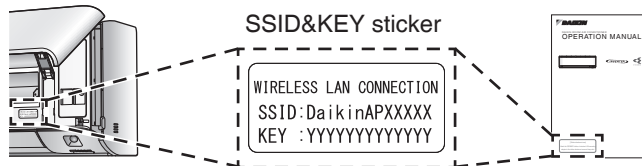
■ Access point connection (AP connection).

If your home Wi-Fi router does not have a WPS button, you can connect your smart phone directly to the wireless LAN connecting adapter in order to set up a connection to your home network by following these steps.
- This step requires SSID number and KEY located on the indoor unit or on the cover of the manual.

1. Connect the wireless LAN connecting adapter to a smart phone or tablet.

View available Wi-Fi networks on your smart phone or tablet and connect to the SSID (DaikinAP*****) printed out on the sticker. SSID and KEY are located on the indoor unit or on the cover of the manual, as shown in the below image.

- Sticker on the indoor unit
- Sticker on the cover of the manual



2. Open the DAIKIN Mobile Controller application and select “Configure the wireless connection” (Fig.2) and connect to your home network as per the on-screen instructions.

- The wireless LAN connecting adapter lamp (orange) stays lit. If you fail to connect, refer to NOTE.

3. Connect your smart phone to your home network.

4. Open the Home screen of the DAIKIN Mobile Controller application. The air conditioner will be listed there.


Reset connection setting to factory defaults.

Please note

When the device is reset, out-of-home user account and wireless LAN connection setting will be changed back to the factory defaults.

■ To reset

1. While operation is stopped, press and hold the button for 5 seconds.

- “SP” appears on the LCD.
- “” (SP menu) blinks.



2. Press or and select SP menu .

3. Press and hold for 2 seconds to confirm the selected setting.

- “▲” blinks briefly.
- The wireless LAN connecting adapter lamp (orange) blinks for one second.



4. Press to return to the default screen.

NOTE

Note on access point connection (AP connection)

- If you fail to connect (the wireless LAN connecting adapter lamp (orange) continues to blink), repeat steps 1-2.

Care and Cleaning

⚠ CAUTION

- Before cleaning, be sure to stop the operation and turn off the circuit breaker.
- Do not touch the aluminum 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.

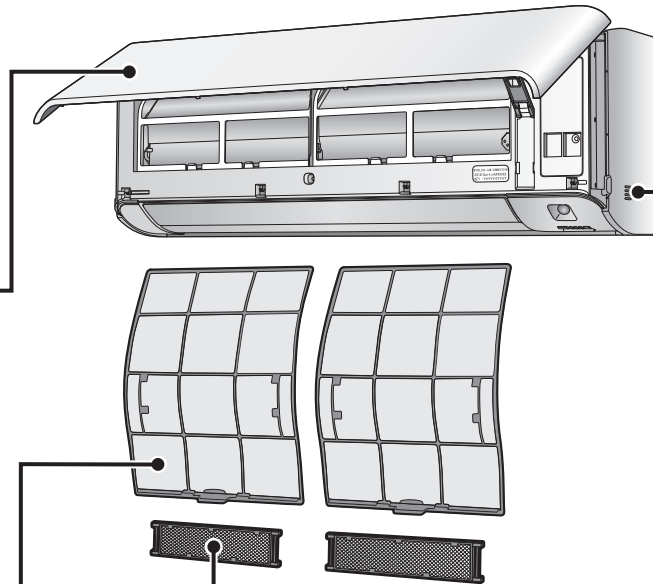
Once every 2 weeks

▶ Page 35

Indoor unit and remote controller

- Wipe them with a soft cloth.

If dirty



Streamer air inlet

- Do not place objects around the indoor unit. Doing so may have an adverse influence on the performance, product quality, and life of the streamer.

Air quality filter (enzyme blue with PM2.5)

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) - without frame (set of 2)	BAFP094A43
Deodorizing filter (enzyme blue) - without frame (set of 2)	BAFP094A41
Dust collection filter (PM 2.5) - without frame (set of 2)	BAFP046A41
Titanium apatite deodorizing filter - without frame (set of 2)	KAF970A46

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

- Vacuum dust or replace the filter.

[Cleaning]

Once every 6 months

▶ Page 36

[Replacement]

Once every 3 years

▶ Page 36

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 36

Notes on cleaning

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



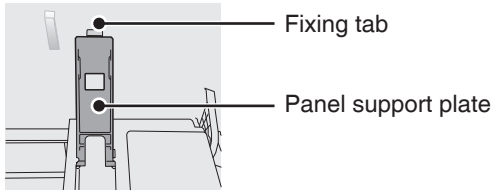
Care and Cleaning

■ Air filter

1. Open the front panel.

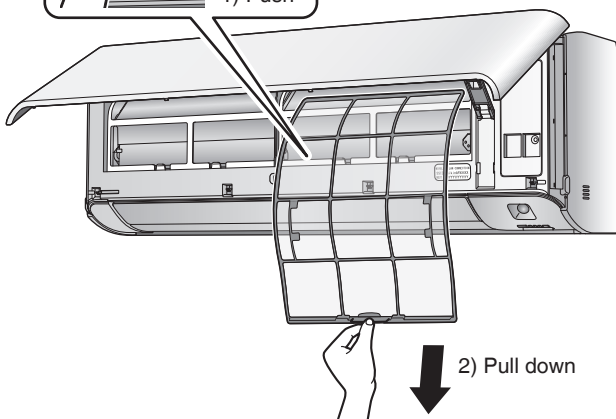
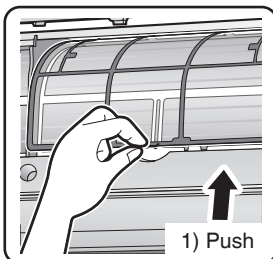
- Hold the front panel by the sides and open it.

Backside of the front panel



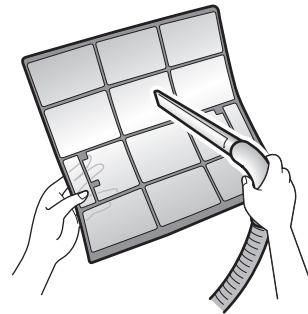
2. Pull out the air filters.

- 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

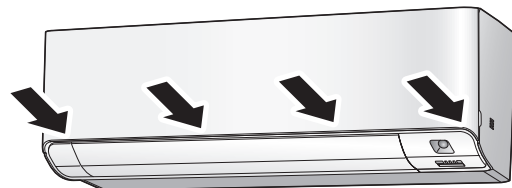
- Wash the air filters with neutral detergent thinned with lukewarm water, then dry them up in the shade.
- Be sure to remove the filter (small). Refer to Filter (small) on the next page.



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.

■ Filter (small)

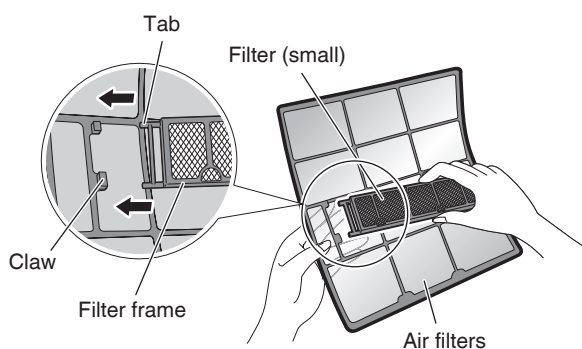
* For the applicable filter type, please refer to **▶Page 34**.

Attaching

1. Open the front panel and pull out the air filters. **▶Page 35**

2. Insert the filter.

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

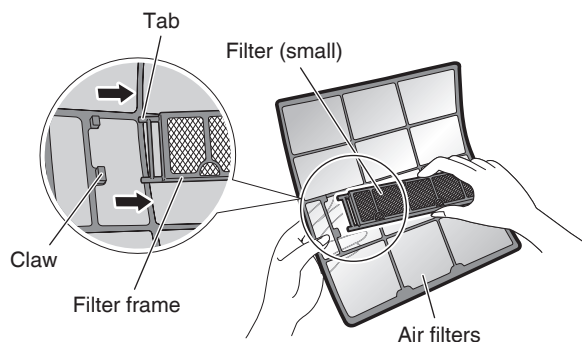


Cleaning and Replacement

1. Open the front panel and pull out the air filters. **▶Page 35**

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.

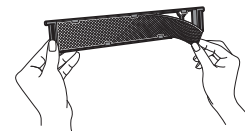
▶ **Air quality filter (enzyme blue with PM2.5) : Blue-White / Dust collection filter (PM 2.5) : White**

- 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.

Care and Cleaning

■ Prior to a long period of non-use

- 1. Operate the MOLD PROOF mode.** ▶Page 19
- 2. After operation stops, turn off the circuit breaker for the room air conditioner.**
- 3. Clean the air filters and reattach them.** ▶Page 35
- 4. To prevent battery leakage, take out the batteries from the remote controller.**

■ We recommend periodical maintenance

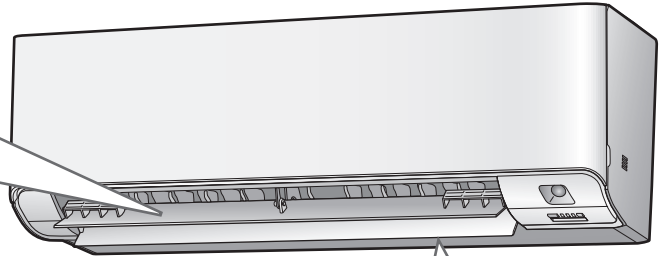
- In certain operating conditions, the inside of the air conditioner may get foul after several seasons of use, resulting in poor performance. It is recommended to have periodical maintenance by a specialist in addition to regular cleaning by the user.
- For specialist maintenance, please contact the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

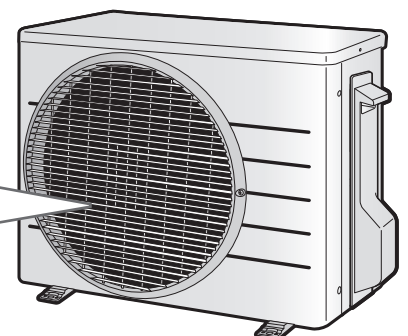
Different sounds are heard.

- **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.
- **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.
- **Hissing/Cracking sound**
 - The sound of the streamer discharge. It is not a malfunction.

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.



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 42

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"> • 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 42

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.
	<ul style="list-style-type: none"> • MOLD PROOF operation is being performed. It is possible to stop MOLD PROOF operation while it is in progress. (If this does not suit your preferences, set MOLD PROOF to "Off".)

The room does not cool down

Case	Description / what to check
Air does not come out.	<ul style="list-style-type: none"> ■ In COOL or DRY operation <ul style="list-style-type: none"> • If COOL/DRY operation is started with airflow settings on "AUTO", the indoor unit will initially deodorise, which functions to suppress any internal odours. As a result, the indoor unit will not emit air immediately. (Wait for about 1 minute.)
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 air conditioner in ECONO operation or OUTDOOR UNIT QUIET operation? ▶ Page 26 • 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?
The room temperature does not reach the set temperature.	<ul style="list-style-type: none"> • If the air coming out of the air conditioner is blowing against a wall, the set temperature may not be reached correctly.

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 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 10 <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 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 10
The LCD is blinking and the remote controller cannot be operated.	<input 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 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 that you have the indoor unit cleaned. Please consult your dealer. <input type="checkbox"/> • Due to streamer discharge, the air outlet may emit a slight odour as trace amounts of ozone are generated. However, the amount is negligible and is not harmful to your health.

Display lamps

Case	Description / what to check
The OPERATION lamp is off, but the air conditioner is operating.	<input type="checkbox"/> • Is the display brightness set to "Off"?
	<input checked="" type="checkbox"/> • MOLD PROOF operation is being performed. It is possible to stop MOLD PROOF operation while it is in progress. (If this does not suit your preferences, set MOLD PROOF to "Off".)
The display lamps on the main unit are dark.	<input type="checkbox"/> • Is the display brightness set to "Low"?

Streamer air cleaning operation

Case	Description / what to check
The sound of streamer discharge can no longer be heard.	<input checked="" type="checkbox"/> • If the airflow becomes weak, the streamer discharge stops.

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: 19.4-46.0°C Indoor temperature: 16.0-32.0°C Indoor humidity: 80% max.

Troubleshooting

Wireless LAN connecting adapter

The following table provides brief descriptions of how to handle problems or carry out connection setting. Refer to the FAQ on our web site for more details.

Wireless LAN connection

When this happens	Explanation and where to check
The device (air conditioner) cannot be found on the device list screen.	 <ul style="list-style-type: none"> Carry out connection setting again. Move the router (wireless LAN access point) close to the indoor unit. There is a possibility that you are using an unsupported smart phone or router (wireless LAN access point). For details, refer to the web site.
Even if the wireless LAN connecting adapter lamp is lit, operation from outside the home is not possible.	 <ul style="list-style-type: none"> Communication between the router and the internet connection may not be working. Please confirm.
The wireless LAN connecting adapter lamp does not blink or light.	 <ul style="list-style-type: none"> The wireless LAN connecting adapter is disabled. Malfuction in communication between the indoor unit and the wireless LAN connecting adapter. There may be a problem with your device. Please contact the store where you bought the air conditioner to request a repair service.
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 occurs, call your dealer immediately.

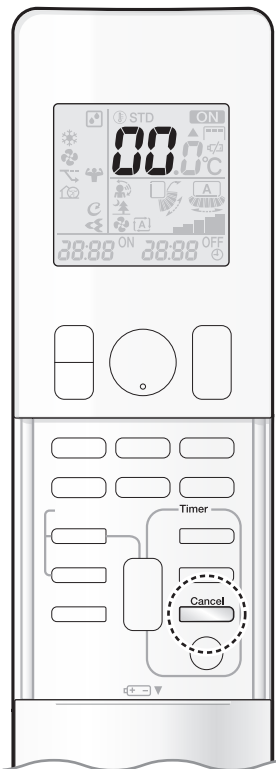
- The power cord is abnormally hot or damaged.
- An abnormal sound is heard during operation.
- The circuit breaker, a fuse, or the earth leakage circuit breaker cuts off the operation frequently.
- A switch or a button often fails to work properly.
- There is a burning smell.
- Water leaks from the 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. Please 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 and handling of the refrigerant, oil and other parts should be done in accordance with the relevant local and national regulations.



■ **Fault diagnosis by remote controller**

- In case the air conditioner is malfunctioning, you can check the error code via the remote controller before consulting with service personnel and informing them of the malfunction code.


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

2. Press  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	HIGH PRESSURE CONTROL OR FREEZE-UP PROTECTOR
	A6	FAN MOTOR FAULT
	C4	FAULTY HEAT EXCHANGER TEMPERATURE SENSOR
	C9	FAULTY SUCTION AIR TEMPERATURE SENSOR
OUTDOOR UNIT	CC	FAULTY HUMIDITY SENSOR
	EA	COOLING-HEATING SWITCHING ERROR
	E1	CIRCUIT BOARD FAULT
	E5	OL STARTED
	E6	FAULTY COMPRESSOR START UP
	E7	DC FAN MOTOR FAULT
	F3	HIGH TEMPERATURE DISCHARGE PIPE CONTROL
	F6	HIGH PRESSURE CONTROL (IN COOLING)
	F8	OPERATION HALT DUE TO COMPRESSOR INTERNAL TEMPERATURE
	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
J8	FAULTY LIQUID PIPE 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 indicate non-corresponding codes.
- To cancel the code display, hold  down for about 5 seconds. The code display also clears if no button is pressed for 1 minute.

Specifications

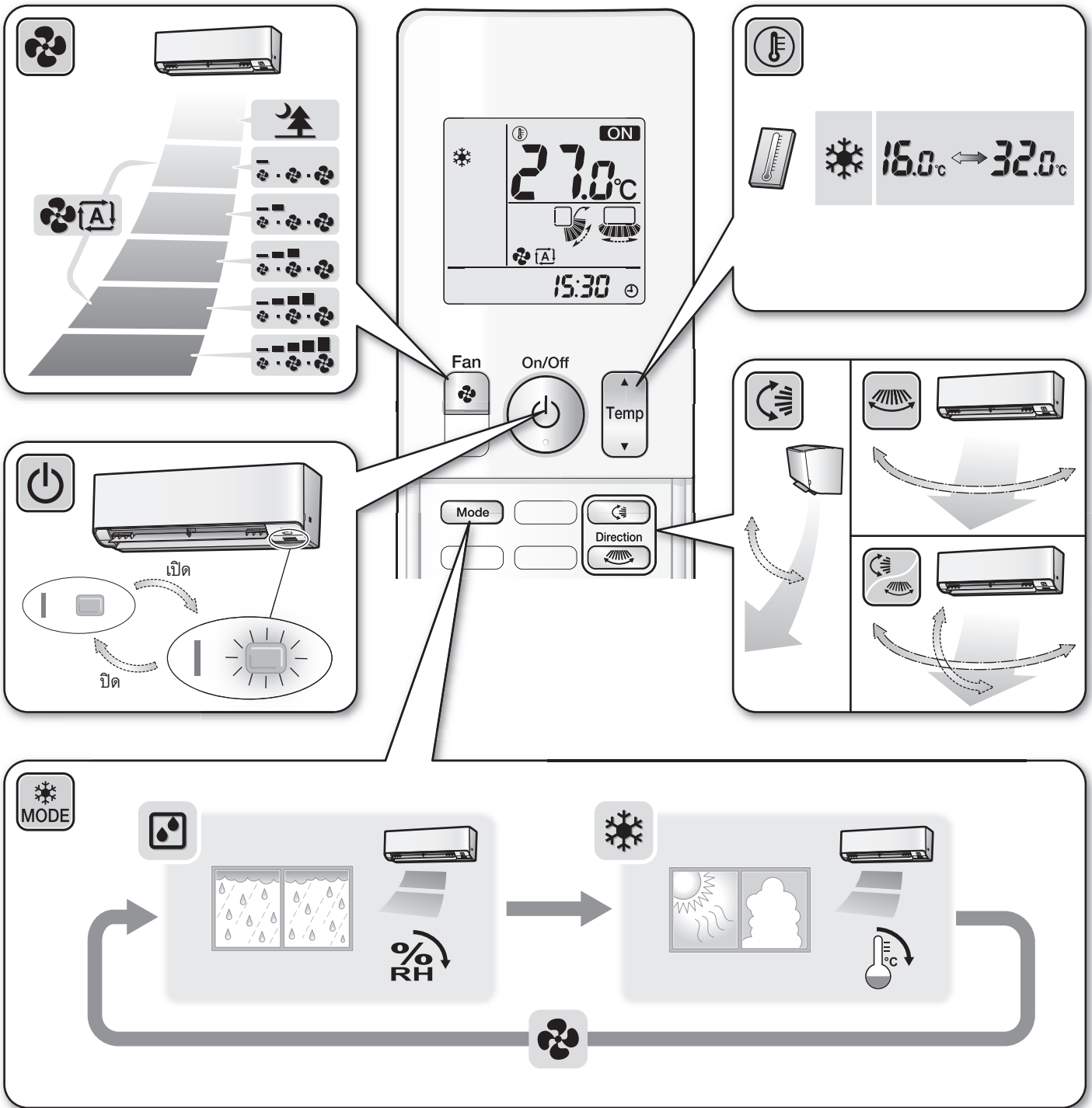
Air conditioner

Indoor unit model name			FTKZ09VV2S	FTKZ12VV2S
Cooling capacity	kW (kcal/h)		2.5(2150)	3.5(3010)
Running current	A		2.3	3.9
Power consumption	W		455	790
Indoor unit	Dimensions	H (mm)	300	
		W (mm)	920	
		D (mm)	240	
	Net weight	kg	13	
Outdoor unit model name			RKZ09VV2S	RKZ12VV2S
Outdoor unit	Dimensions	H (mm)	550	
		W (mm)	675	
		D (mm)	284	
	Net weight	kg	27	
Note			Cooling capacity and electrical performance are based on the following conditions: Indoor temperature: 27°CDB, 19°CWB Outdoor temperature: 35°CDB, 24°CWB Fan speed: High Power supply: 220V, 50Hz	

MEMO

MEMO

Quick Reference



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This telecommunication equipment is in compliance with NTC requirements.

