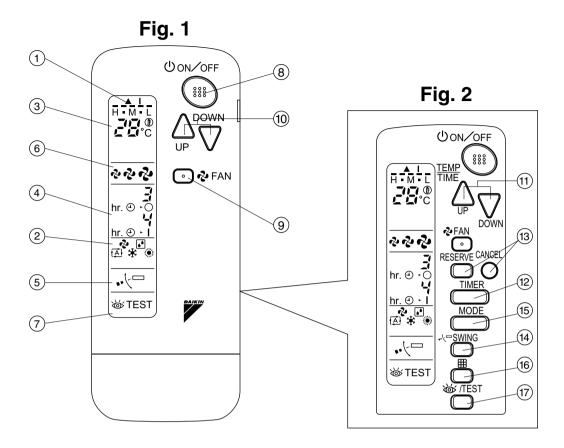


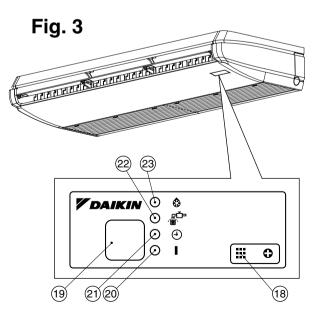
# **OPERATION MANUAL**

# **Wireless Remote Controller Kit**

### MODEL BRC7G63

Thank you for purchasing this Daikin air conditioner. Carefully read this operation manual before using the air conditioner. It will tell you how to use the unit properly and help you if any trouble occurs. After reading the manual, file it away for future reference.





# **PRIOR TO USE**

This operation manual is exclusively for instructions on how to use the wireless remote controller.

Read also the operation manual attached to the indoor unit and to the outdoor unit for safe usage of the system and maintenance.

The air conditioner corresponding to this controller comes under the term "appliances accessible to the general public".

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# **1. SAFETY PRECAUTIONS**

To gain full advantage of the air conditioner's functions and to avoid malfunction due to mishandling, we recommend that you read this instruction manual carefully before use. This air conditioner is classified under "appliances not accessible to the general public". 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.

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

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.

#### When the air conditioner is malfunctioning (giving off a burning odor, 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.

# Consult your local dealer to install your equipment.

Doing the work yourself may result in water leakage, electric shocks or fire hazards.

#### Consult your local dealer regarding modification, repair and maintenance of the air conditioner or the remote controller.

Improper workmanship may result in water leakage, electric shocks or fire hazards.

Do not place objects, including rods, your fingers, etc., in the air inlet or outlet. Injury may result due to contact with the air conditioner's high-speed fan blades.

# 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 the air conditioner until a qualified service person confirms that the leakage has been repaired.

# Consult your local dealer regarding what to do in case of refrigerant leakage.

When the air conditioner is to be installed in a small room, it is necessary to take proper measures so that the amount of any leaked refrigerant does not exceed the concentration limit in the event of a leakage. Otherwise, this may lead to an accident due to oxygen depletion.

#### Contact professional personnel about attachment of accessories and be sure to use only accessories specified by the manufacturer.

If a defect results from your own workmanship, it may result in water leaks, electric shock or fire.

# Consult your local dealer regarding relocation and reinstallation of the air conditioner.

Improper installation work may result in leakage, electric shocks or fire hazards.

# Be sure to use fuses with the correct ampere reading.

Do not use improper fuses, copper or other wires as a substitute, as this may result in electric shock, fire, injury or damage to the unit.

# 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 shocks or fire.

A high surge current from lightning or other sources may cause damage to the air conditioner.

#### Consult the dealer if the air conditioner submerges owing to a natural disaster, such as a flood or typhoon.

Do not operate the air conditioner in that case, or otherwise a malfunction, electric shock, or fire may result.

#### Do not start or stop operating the air conditioner with the power supply breaker turned ON or OFF.

Otherwise, fire or water leakage may result. Furthermore, the fan will rotate abruptly if power failure compensation is enabled, which may result in injury.

#### Do not use the product in the atmosphere contaminated with oil vapor, such as cooking oil or machine oil vapor.

Oil vapor may cause crack damage, electric shocks, or fire.

#### Do not use the product in places with excessive oily smoke, such as cooking rooms, or in places with flammable gas, corrosive gas, or metal dust.

Using the product in such places may cause fire or product failures.

# Do not use flammable materials (e.g., hairspray or insecticide) near the product.

# Do not clean the product with organic solvents such as paint thinner.

The use of organic solvents may cause crack damage to the product, electric shocks, or fire.

# Be sure to use a dedicated power supply for the air conditioner.

The use of any other power supply may cause heat generation, fire, or product failures.

# Consult your dealer regarding cleaning the inside of the air conditioner.

Improper cleaning may cause breakage of plastic parts, water leakage and other damage as well as electric shocks.

# -A 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 remove the outdoor unit's fan guard.

The guard protects against the unit's high speed fan, which may 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.

To avoid oxygen depletion, ensure that the room is adequately ventilated if equipment such as a burner is used together with the air conditioner.

#### 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.

#### Do not place flammable sprays or operate spray containers near the unit as this may result in fire.

#### 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.

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

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 place heaters directly below the unit, as resulting heat can cause deformation.

# Do not allow a child to mount on the outdoor unit or avoid placing any object on it.

Falling or tumbling may result in injury.

**Do not block air inlets nor outlets.** Impaired air flow may result in insufficient performance or trouble.

Be sure that children, plants or animals are not exposed directly to air flow from the unit, as adverse effects may ensue.

Do not wash the air conditioner or the remote controller with water, as this may result in electric shocks or fire.

Do not place water containers (flower vases, etc.) on the unit, as this may result in electric shocks or fire.

#### Do not install the air conditioner at any place where there is a danger of flammable gas leakage.

In the event of a gas leakage, build-up of gas near the air conditioner may result in fire hazards.

#### Do not put flammable containers, such as spray cans, within 1 m from the blow-off mouth.

The containers may explode because the warm air output of the indoor or outdoor unit will affect them.

#### The batteries must be removed from the appliance before it is scrapped and they are disposed of safely.

# Arrange the drain to ensure complete drainage.

If proper drainage from the outdoor drain pipe does not occur during air conditioner operation, there could be a blockage due to dirt and debris build-up in the pipe. This may result in a water leakage from the indoor unit. Under these circumstances, stop air conditioner operation and consult your dealer for assistance.

#### 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 let children play on or around the outdoor unit.

If they touch the unit carelessly, injury may be caused.

#### **Turn off the power when the unit is not to be used for long periods of time.** Otherwise, the unit may get hot or catch on fire due to dust accumulation.

To avoid injury, do not touch the air inlet or aluminum fins of the unit.

#### 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.

# Never touch the internal parts of the controller.

Do not remove the front panel. Touching certain internal parts will cause electric shocks and damage to the unit. Please consult your dealer about checking and adjustment of internal parts.

# Do not leave the remote controller wherever there is a risk of wetting.

If water gets into the remote controller there is a risk of electrical leakage and damage to electronic components.

#### When using the wireless remote controller, do not put a strong light beam or install an inverter fluorescent lamp near the receiving section on the main unit.

A malfunction may occur.

#### Watch your steps at the time of air filter cleaning or inspection.

High-place work is required, to which utmost attention must be paid. If the scaffold is unstable, you may fall or topple down, thus causing injury.

# 2. NAMES AND FUNCTIONS OF THE OPERATING SEC-TION (Fig. 1, 2, 3)

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		speed, Low or Middle or High, of your choice.				

	TEMPERATURE SETTING BUTTON
10	Use this button for SETTING TEMPER-ATURE.
	TEMPERATURE ADJUSTMENT/ PROGRAMMING TIMER BUTTON
11	Use this button for temperature setting and programming "START and/or STOP" time. (Operates with the front cover of the remote controller opened.)
	TIMER MODE START/STOP BUTTON
12	Refer to page 10.
10	TIMER RESERVE/CANCEL BUTTON
13	Refer to page 11.
14	AIR FLOW DIRECTION ADJUST BUTTON
	Refer to page 9.
	OPERATION MODE SELECTOR BUTTON
15	Press this button to select OPERATION
15	MODE. " 🗰 " (COOL), " 🔆 " (HEAT),
	" 🔁 " (AUTO), "🗞" (FAN),
	" <b>⊾</b> •" (DRY).
	FILTER SIGN RESET BUTTON
16	Refer to the section of MAINTENANCE in the operation manual attached to the indoor unit.
	INSPECTION/TEST OPERATION BUTTON
17	This button is used only by qualified service persons for maintenance
	purposes. EMERGENCY OPERATION SWITCH
18	This switch is readily used if the remote
	controller does not work.
	RECEIVER
19	This receives the signals from the remote controller.
	OPERATING INDICATOR LAMP (Red)
20	This lamp stays lit while the air conditioner runs. It flashes when the unit is in trouble.

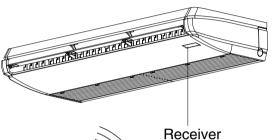
21	TIMER INDICATOR LAMP (Green)
21	This lamp stays lit while the timer is set.
22	AIR FILTER CLEANING TIME INDICATOR LAMP (Red)
22	Lights up when it is time to clean the air filter.
	DEFROST LAMP (Orange)
23	Lights up when the defrosting opera- tion has started.
• F t • C • C • C • C • C • C • C • C • C • C	ions are shown on the display in Figure 1 contrary to actual running situations. Fig. 2 shows the remote controller with the front cover opened. Do not place the controller in a location where it is exposed to direct sunlight. The LCD display may become disco- oured and not display the data correctly. If the air filter cleaning time indicator lamp ights up, clean the air filter as explained in the operation manual provided with the indoor unit. After cleaning and reinstalling the air fil- er, press the filter sign reset button on the remote controller. The air filter clean- ing time indicator lamp on the receiver will go out. <b>CAUTIONS]</b> Before cleaning, be sure to press the ON/ DFF button to shut OFF the power for safety.

# 3. HANDLING FOR WIRELESS REMOTE CONTROLLER

Precautions in handling remote controller

Direct the transmitting part of the remote controller to the receiving part of the air conditioner.

If something blocks the transmitting and receiving path of the indoor unit and the remote controller as curtains, it will not operate.



2 short beeps from the receiver indicates that the transmission is properly done.

Transmitting distance is approximately 9 m.

**Do not drop or get it wet.** It may be damaged.

### Never press the button of the remote controller with a hard, pointed object.

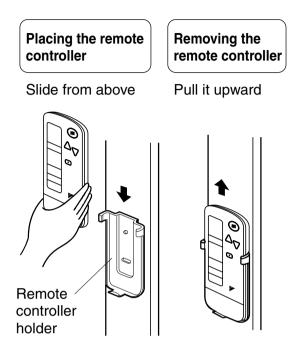
The remote controller may be damaged.

### Installation site

- It is possible that signals will not be received in rooms that have electronic fluorescent lighting. Please consult with the salesman before buying new fluorescent lights.
- If the remote controller operated some other electrical apparatus, move that machine away or consult your dealer.

# Placing the remote controller in the remote controller holder

Install the remote controller holder to a wall or a pillar with the attached screw. (Make sure it transmits)



### How to put the dry batteries

- (1) Remove the back cover of the remote controller to the direction pointed by the arrow mark.
- (2) Put the batteries
   Use two dry cell batteries (AAA.LR03 (alka-line)). Put dry batteries correctly to fit their (+) and (-).



(3) Close the cover

#### - When to change batteries-

Under normal use, batteries last about a year. However, change them whenever the indoor unit doesn't respond or responds slowly to commands, or if the display becomes dark.

### [CAUTIONS]

- Replace all batteries at the same time, do not use new and old batteries intermixed.
- In case the remote controller is not used for a long time take out all batteries in order to prevent liquid leak of the battery.

# IN THE CASE OF CENTRALIZED CONTROL SYSTEM

If the indoor unit is under centralized control, it is necessary to switch the remote controller's setting.

In this case, contact your DAIKIN dealer.

# 4. OPERATION PROCEDURE

- Refer to figure 1, 2 on page [2]
- To protect the unit, turn on the main power switch 6 hours before operation.
- Do not shut OFF the power during seasonal use of the unit. This is required in order to activate the unit smoothly.
- If the main power supply is turned off during operation, operation will restart automatically after the power turns back on again.

#### COOLING, HEATING, AUTOMATIC, FAN, AND PROGRAM DRY OPERATION

Operate in the following order.

#### Refer to figure 1, 2 on page [2]



OPERATION MODE

#### Press OPERATION MODE SELECTOR button several times and select the OPERATION MODE of your choice as follows.

- AUTOMATIC OPERATION ......" ऄ " (automatic COOL/HEAT operation)
  - In this operation mode, COOL/HEAT changeover is automatically conducted.
  - The COOL and HEAT operations are changed over at a certain room temperature.
  - The AUTOMATIC operation controls the temperature based on the temperature setting, so it maintains a comfortable temperature throughout the year, and enables energy-saving operation. <Example>

When the indoor temperature decreases to 25°C or less when the temperature setting is at 27°C in the automatic COOL operation, the operation is changed over to the automatic HEAT operation. When the indoor temperature reaches 29°C or more, the operation is changed over to the automatic COOL operation.

- FAN OPERATION......" " Air in the room is circulated.
- DRY OPERATION ...... " J "
  - The Program dry function of the system repeats the weak cooling operation of the system intermittently to dehumidify the room without dropping the room temperature as much as possible for the prevention of excessive cooling.
  - The microcomputer is in automatic temperature and fan speed control. Therefore, temperature or fan speed settings cannot be made or changed while the air conditioner is in operation.
  - This system does not go into operation if the room temperature is below 16°C.
  - Humidity cannot be contralled.



### Press ON/OFF button

OPERATION lamp (Red) lights up or goes off and the system starts or stops OPERATION.

• When the HEAT operation is stopped, FAN operation is performed for 1 minute to remove heat in the indoor unit.

#### NOTE -

 Do not turn OFF power immediately after the unit stops. Then, wait no less than 5 minutes.

Water is leaking or there is something else wrong with the unit.

 After settings are changed or operation is turned ON/OFF, make sure that the receiving tone of the indoor unit makes a beeping sound.

#### [EXPLANATION OF HEATING OPERA-TION]

#### Start of operation

 It generally takes a longer time for HEAT operation to reach the temperature setting compared to COOL operation.
 It is advisable to start operation in advance using TIMER operation.

# Perform the following operation to prevent heating capacity decrease and discharge of cool air.

### **DEFROST OPERATION**

- As the frost on the coil of an outdoor unit increase, heating effect decreases and the system goes into DEFROST OPERA-TION.
- The fan operation stops and the DEFROST lamp of the indoor unit goes on. After 6 to 8 minutes (maximum 10 minutes) of DEFROST OPERATION, the system returns to HEATING OPERATION.

# Heating capacity & Outdoor air temperature

- Heating capacity drops as outdoor air temperature lowers. If feeling cold, use another heater at the same time as this air conditioner.
- Hot air is circulated to warm the room. It will take some time from when the air conditioner is first started until the entire room becomes warm. The internal fan automatically turns at low speed until the air conditioner reaches a certain temperature on the inside. In this situation, all you can do is wait.
- If hot air accumulates on the ceiling and feet are left feeling cold, it is recommended to use a circulator. For details, contact the place of purchase.

### ADJUSTMENT

For programming TEMPERATURE, FAN SPEED and AIR FLOW DIRECTION, follow the procedure shown below.

### **COOL and HEAT operations**



**TEMPERATURE SETTING** 

#### Press TEMPERATURE SETTING button and program the setting temperature.

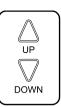


Each time this button is pressed, setting temperature rises 1°C.

Each time this button is pressed, setting temperature lowers 1°C.

• Temperature can not be set in the FAN operation.

### In case of automatic operation



Each time this button is pressed, setting temperature shifts to "H" side.

Each time this button is pressed, setting temperature shifts to "L" side.

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Setting temperature	25	23	22	21	19

• The setting is impossible for fan operation.

#### NOTE 🗐

• The setting temperature range of the remote controller is 16°C to 32°C.

#### **OPERATION RANGE**

If the temperature or the humidity is beyond the following conditions, safety devices may work and the air conditioner may not operate, or sometimes, water may drop from the indoor unit.

#### COOLING

OUTDOOR	INDOOR			OUTDOOR	
UNIT	TEMPERA- TURE		humid- Ity	TEMPERA- TURE	
RZQG71 100	DB	18 to 37	80% or below	DB	– 15 to 50
125 140	WB	12 to 28	below	סט	- 13 10 30

#### HEATING

OUTDOOR UNIT	INDOOR TEMPERATURE		OUTDOOR TEMPERATURE	
RZQG71 100	DB	10 to 27	DB	-19.5 to 21
125 140	DD		WB	– 20 to 15.5

D B: Dry bulb temperature (°C)

WB: Wet bulb temperature (°C)



# FAN SPEED CONTROL

### Press FAN SPEED CONTROL button.

Low, Middle or High fan speed can be selected.

- The microchip may sometimes control the fan speed in order to protect the unit.
- The air flow rate may be changed automatically depending on the indoor temperature.

The fan may be stopped, but this is normal.

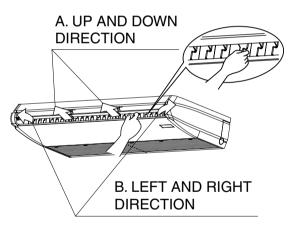
• It may take some time until the air flow switch is completed, but this is normal.



# AIR FLOW DIRECTION ADJUST

- There are 2 ways of adjusting the air discharge angle.
  - 1. A. Up and down adjustment
  - 2. B. Left and right direction

#### Fig. 4



### A. UP AND DOWN DIRECTION

 The movable limit of the flap is changeable. Contact your Daikin dealer for details.

#### Press the AIR FLOW DIRECTION ADJUST button to select the air direction as shown below.



DISPLAY appears and the air flow direction continuously varies. (Automatic swing setting)



Press AIR FLOW DIREC-TION ADJUST button to select the air direction of your choice.



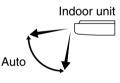
DISPLAY vanishes the air flow direction is fixed (Fixed air flow direction setting).

• After settings are changed, make sure that the receiving tone of the indoor unit makes a beeping sound.

#### Operations and functions There are 3 settings for adjusting the air flow direction.

[Vertical auto-swing]

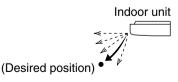
The air flow is automatically directed vertically.



[Vertical air flow setting]

The air flow direction can be set between  $0^{\circ}$  and  $60^{\circ}$ .

(This is not regarding as the angle of the louver.)



[Horizontal air flow direction adjustment] The horizontal air flow direction can be fixed at the desired position manually.

### MOVEMENT OF THE AIR FLOW FLAP

For the following conditions, micro computer controls the air flow direction so it may be different from the display.

Operation mode	Cooling Program dry	Heating
Operation condition	• When operating continuously at downward air flow direction (Air is blown in a direction differ- ent from the dis- play for the preset period to prevent conden- sation forming on the flap.)	<ul> <li>When room temperature is higher than the set temperature</li> <li>At defrost opera- tion (Air is blown hor- izontally to pre- vent the cool air from being blown directly onto anyone in the room.)</li> </ul>

 Operation mode includes automatic operation.

### **B. LEFT AND RIGHT DIRECTION**

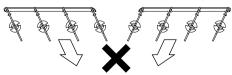
 Adjusting air flow direction in the left and right direction. (Refer to Fig. 4)

#### NOTE

- Only make adjustments after you have stopped the air flow direction swing in a position. Your hand may get caught if you attempt to make adjustments while the unit is swinging.
- Stop flaps from swinging before trying to angle them. Working while the flaps are moving may get your fingers pinched.
- · The four fins for the horizontal air flow direction operate in the same direction as a unit.

Do not operate adjacent units in the state shown in the drawing. This may cause dripping of condensation.

Vertical blade unit (top view)



## **PROGRAM TIMER OPERATION**

Operate in the following order.

• The timer is operated in the following two wavs.

Programming the stop time  $(\textcircled{P}, \bigcirc)$ .... The system stops

operating after the set time has elapsed. Programming the start time  $( \bigcirc \cdot \mid )$ 

.... The system starts operating after the set time has elapsed.

• The start and the stop time can be simultaneously programmed.



#### TIMER MODE START/ STOP

#### Press the TIMER MODE START/STOP button several times and select the mode on the display.

The display flashes.

For setting the timer stop  $\dots$  " $\oplus \cap$ " For setting the timer start .... "



### **PROGRAMMING TIME**

#### Press the PROGRAMMING TIME button and set the time for stopping or starting the system.



When this button is pressed, the time advances by 1 hour.

When this button is pressed, the time goes backward by 1 hour.

- Keep pressing the button to change the setting time continuously.
- The timer can be programmed a maximum of 72 hours.



## TIMER RESERVE

### Press the TIMER RESERVE button.

The timer setting procedure ends.

The display or changes from flashing light to a constant light.



## TIMER CANCEL

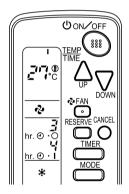
# Press the TIMER OFF button to cancel programming.

The display vanishes.

• Make sure that the receiving tone of the indoor unit makes a beeping sound. If the receiving tone does not sound, set the

timer using steps **1** to **3**, and then press CANCEL.

#### For example.



When the timer is programmed to stop the system after 3 hours and start the system after 4 hours, the system will stop after 3 hours and then 1 hour later the system will start.

#### NOTE

• After the timer is programmed, the display shows the remaining time.

### EMERGENCY OPERATION

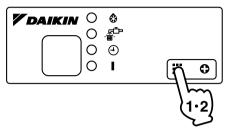
When the remote controller does not work due to battery failure or the absence thereof, use this switch which is located beside the discharge grille on the main unit. When the remote controller does not work, but the battery low indicator on it is not lit, contact your dealer.

### [START]



#### To press the emergency operation switch.

- The machine runs in the previous mode.
- The system operates with the previously set air flow direction and fan speed.



This display is located next to the air outlet of the indoor unit. (Refer to figure 3 on page [2])

### [STOP]

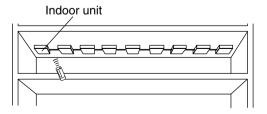


Press the EMERGENCY OPERA-TION switch again.

#### PRECAUTIONS FOR GROUP CONTROL SYSTEM OR TWO REMOTE CONTROLLER CON-TROL SYSTEM

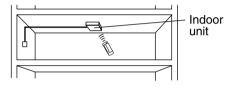
This system provides two other control systems beside individual control (one remote controller controls one indoor unit) system. Confirm the following if your unit is of the following control system type.

- Group control system
- One remote controller controls up to 16 indoor units.
- All indoor units are equally set.



- Two remote controller control system
- Two remote controllers (wired and wireless) control one indoor unit. (In case of group control system, one group of indoor units)
- The unit follows individual operation.
- Cannot have two remote controller control system with only wireless remote controllers. (It will be a two remote controller control system having one wired and one wireless remote controllers.)
- Under two remote controller control system, wireless remote controller cannot control timer operation.

Only the operating indicator lamp out of 3 other lamps on the indoor unit display functions.



#### NOTE 👕

• Contact your Daikin dealer in case of changing the combination or setting of group control and two remote controller control systems.

## 5. NOT MALFUNCTION OF THE AIR CONDITIONER

The following symptoms do not indicate air conditioner malfunction

#### I. THE SYSTEM DOES NOT OPERATE

 The system does not restart immediately after the ON/OFF BUTTON is pressed.

It does not restart immediately because a safety device operates to prevent overload of the system.

If the OPERATION lamp lights, the system is in normal condition. After 3 minutes, the system will turn on again automatically.  The system does not restart immediately when TEMPERATURE SETTING button is returned to the former position after pushing the button.

It does not restart immediately because a safety device operates to prevent overload of the system.

If the OPERATION lamp lights, the system is in normal condition. After 3 minutes, the system will turn on again automatically.

• The receiving tone of the indoor unit makes a triple beeping sound (nor-mally, "beep-beep").

This is because the system is under centralized control.

• The outdoor unit is stopped.

This is because the room temperature has reached the set temperature. The indoor unit switches to fan operation.

Cooling operation (automatic cooling operation):

Lower the set temperature.

Heating operation (automatic heating operation):

Raise the set temperature.

The operation starts after a while when the system is in normal condition.

 After the HEAT operation is started, the DEFROST lamp located on the indoor unit display lights up.

This is because the system automatically switches to DEFROST operation to prevent a decrease in heating capacity when frost on the outdoor unit increases.

After 6 to 8 minutes (maximum 10 minutes), the system returns to its original operation.

#### **II. THE OPERATION SOMETIMES STOPS**

• The remote controller displays "U4" and "U5", and the operation stops. However, it will restart in a few minutes. This is because communication between the units is shut off and stopped due to noise caused by devices other than the air conditioner.

When the electrical noise decreases, the system automatically restarts.

#### III. COOL AND HEAT OPERATIONS CAN NOT BE SWITCHED

• The receiving tone of the indoor unit makes a long beeping sound. An unavailable mode was set for the indoor unit during operation changeover control.

#### IV. THE FAN SPEED IS DIFFERENT FROM THE SETTING

 Pressing the fan speed control button does not change the fan speed.
 <When cooling operation>

During defrost operation, low air flow rate is used to prevent the discharge of melt water.

After a while, the air flow rate can be changed.

#### <When heating operation>

When the room temperature reaches the set temperature in heating mode, the power supply from the outdoor unit stops and the indoor unit goes into whisper mode. It takes some time until the air flow rate changes.

Raise the set temperature.

After a while, the air flow rate changes.

- V. AIR BLOW DIRECTION IS NOT AS SPECIFIED
- Actual air blow direction is not as shown on the remote controller.
- Automatic swing setting does not work. Refer to "AIR FLOW DIRECTION ADJUST".
- VI. THERE IS NO DISPLAY OR ALL PARTS ARE DISPLAYED
- When a button on the remote controller is pressed.

The batteries have run out.

#### VII.THE UNIT DOES NOT COOL EFFEC-TIVELY

• Program dry operation. Program dry operation is designed to lower the room temperature as little as possible. Lower the room temperature using cooling operation, and then use program dry operation.

#### Proper use Be careful of overheating or overcooling.

Not doing so wastes electricity.



# 6. HOW TO DIAGNOSE TROUBLE SPOTS

#### I. EMERGENCY STOP

When the air conditioner stops in emergency, the run lamp on the indoor unit starts blinking. Take the following steps yourself to read the malfunction code that appears on the display. Contact your dealer with this code. It will help pinpoint the cause of the trouble, speeding up the repair.



# Press the INSPECTION/TEST button to select the inspection mode " ] ".

" 🚺 " appears on display and blinks. "UNIT" lights up.



#### Press PROGRAMMING TIMER BUT-TON and change the unit number.

Press to change the unit number until the indoor unit beeps and perform the following operation according to the number of beeps.

#### Number of beeps

3 short beeps .... Perform all steps from 3 to 6.

1 short beep ...... Perform **3** and **6** steps 1 long beep...... Normal state



# Press OPERATION MODE SELECTOR BUTTON

" 🔏 " on the left-hand of the malfunction code blinks.



#### Press PROGRAMMING TIMER BUT-TON and change the malfunction code.

Press until the indoor unit beeps twice.



# Press OPERATION MODE SELECTOR BUTTON

"  $\prod$  " on the right-hand of the malfunction code blinks.



#### Press PROGRAMMING TIMER BUT-TON and change the malfunction code.

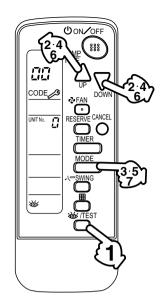
Press until the indoor unit makes a long beep.

The malfunction code is fixed when the indoor unit makes a long beep.



Reset of the display

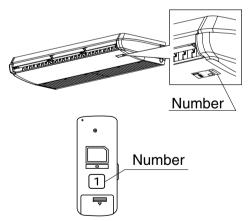
Press OPERATION MODE SELECTOR BUTTON to get the display back to the normal state.



**II. IN CASE BESIDES EMERGENCY STOP** 

#### 1. The unit does not operate at all.

- Check if the receiver is exposed of sunlight or strong light. Keep receiver away from light.
- Check if there are batteries in the remote controller. Place the batteries.
- Check if the indoor unit number and wireless remote controller number are equal.



Operate the indoor unit with the remote controller of the same number.

Signal transmitted from a remote controller of a different number cannot be accepted. (If the number is not mentioned, it is considered as "1")

- 2. The system operates but it does not sufficiently cool or heat.
  - If the set temperature is not proper. (Refer to page 8)
  - If the FAN SPEED is set to LOW SPEED. (Refer to page 9)
  - If the air flow angle is not proper. (Refer to page 9)

If the problem is not solved after checking the above points, please do not try to repair it yourself. In such cases, always consult your local dealer.

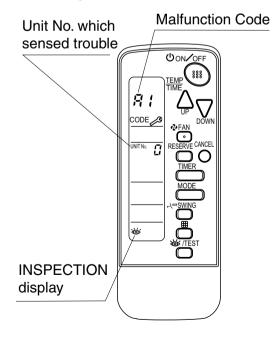
#### Contact the place of purchase in the following case.

- 🕂 WARNING

When you detect a burning odor, shut OFF power immediately and contact the place of purchase. Using the equipment in anything but proper working condition can result in equipment damage, electric shock and/or fire.

### [Trouble]

The RUN lamp of the indoor unit is flashing and the unit does not work at all. (Refer to page 4)



### [Remedial action]

Check the malfunction code (A1 - UF) on the remote control and contact the place of purchase. (Refer to page 13.)



#### **Disposal requirements**

Batteries supplied with the remote controller are marked with this symbol.

This means that the batteries shall not be mixed with unsorted household waste. If a chemical symbol is printed beneath the symbol, this chemical symbol means that the battery contains a heavy metal above a certain concentration. Possible chemical symbols are:

■ Pb: lead (>0.004%)

Waste batteries must be treated at a specialized treatment facility for re-use.

By ensuring waste batteries are disposed of correctly, you will help to prevent potential negative consequences for the environment and human health.

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