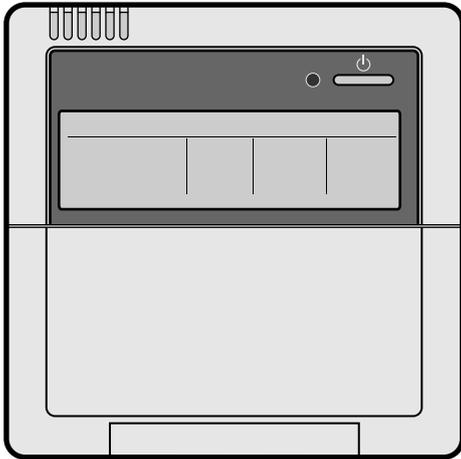


DAIKIN

OPERATION MANUAL

VRV[®] III-S System air conditioner



**RXYMQ4PVET
RXYMQ5PVET
RXYMQ6PVET**

使用說明書
VRV[®] III-S系統空調機

中文
(繁體)

Operation manual
VRV[®] III-S System air conditioner

English

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.

Use it along with the operation manual for the indoor unit. After reading the manual, file it away for future reference.

CONTENTS

READ BEFORE OPERATION

Safety precaution	1
Names of parts	4
Preparation Before Operation	6
Useful Information	6

OPERATION

COOLING · HEATING · FAN Operation	7
Program DRY Operation	9
Adjusting the Air Flow Direction	10
ON/OFF TIMER Operation	11
How to set Master Remote Controller	12

TROUBLE SHOOTING

Trouble Shooting	14
Check the following before requesting service	16
Types of Equipment	17
After-Sales Service	17

Safety precaution

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 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.
- **Consult your local dealer about installation work.**
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.**
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 highspeed fan blades.
- **Never touch the air outlet or the horizontal blades while the swing flap is in operation.**
Fingers may become caught or the unit may break down.
- **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.

WARNING

- **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 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.

- **Be sure to install an earth leakage breaker.**

Failure to install an earth leakage breaker may result in electric shocks or fire.

- **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.

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.**

CAUTION

- **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 airflow 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 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.
- **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.
- **Do not place water containers (flower vases, etc.) on the unit, as this may result in electric shocks or fire.**
- **To avoid injury, do not touch the air inlet or aluminium fins of the unit.**
- **Never press the button of the remote controller with a hard, pointed object.**
The remote controller may be damaged.
- **Do not operate the air conditioner when using a room fumigation - type insecticide.**
Failure to observe could cause the chemicals to become deposited in the unit, which could endanger the health of those who are hypersensitive to chemicals.
- **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.
- **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.
- **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.

Names of parts

Installation site

This operation manual is for the following systems with standard control. If your installation has a customized control system, ask your Daikin dealer for the operation that corresponds your system.

BEFORE INITIATION, CONTACT YOUR DAIKIN DEALER TO CONFIRM YOUR SYSTEM TYPE.

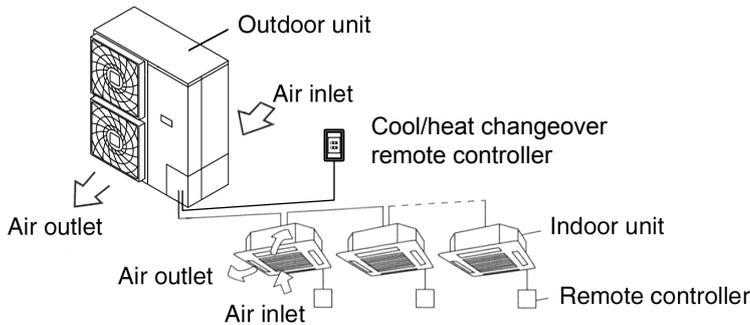
The system provides 4 operation modes,

Cool/heat changeover remote controller	Operation modes
Inverter series	
heat pumps RXYMQ series <input type="checkbox"/> yes <input type="checkbox"/> no	☀ (COOLING), ☀ (HEATING), ☀ (DRY) and 🌀 (FAN).

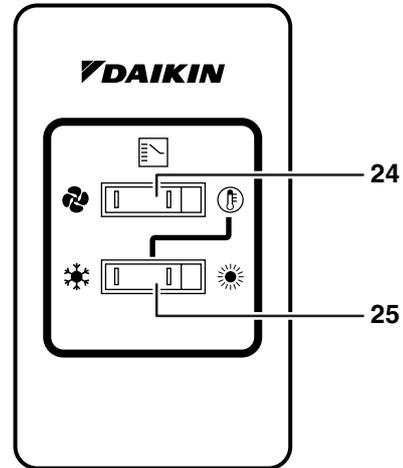
ATTENTION

- To protect the unit, turn on the main power switch 6 hours before operation.

■ System



■ Remote Controller (Cool/heat changeover remote controller)



■ Remote Controller

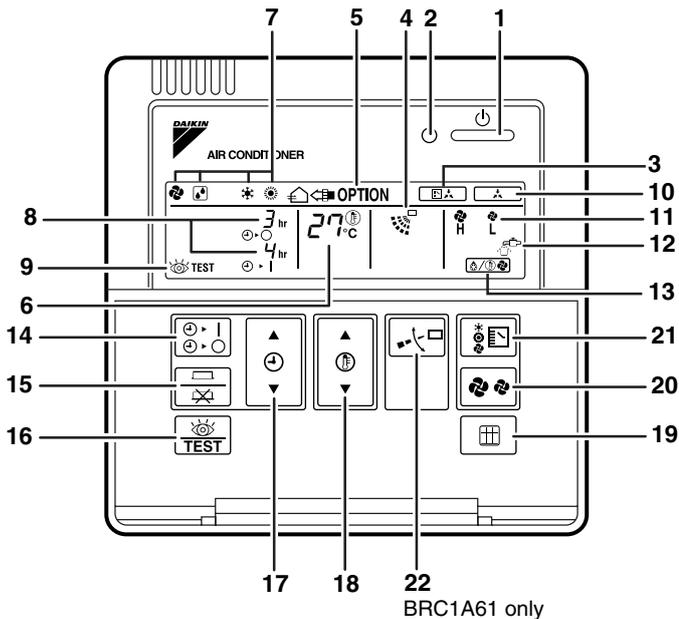


Fig. 1

BRC1A61, BRC1A62

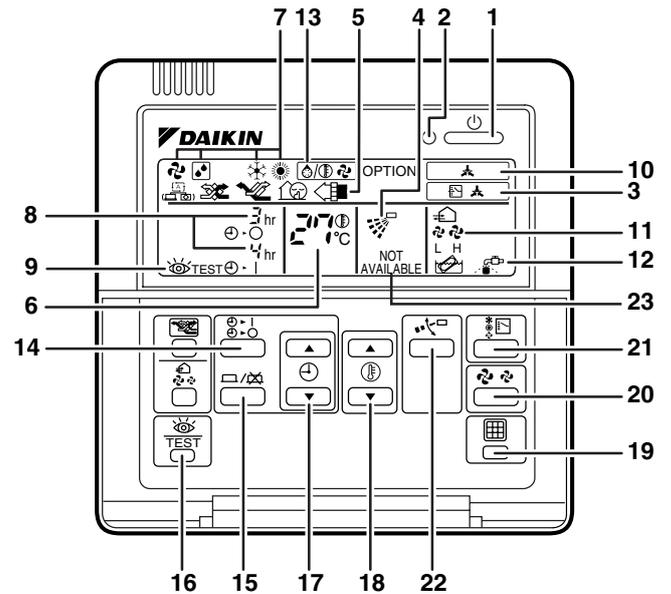
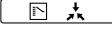
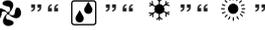
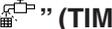


Fig. 2

BRC1C61

1	ON/OFF button	15	TIMER ON/OFF button
	Press the button and the system will start. Press the button again and the system will stop.		Refer to page 11.
2	OPERATION LAMP (RED)	16	INSPECTION/TEST OPERATION button
	The lamp lights up during operation.		This button is used only by qualified service persons for maintenance purposes. Do not use it in normal operation.
3	DISPLAY “  ” (CHANGEOVER UNDER CONTROL)	17	PROGRAMMING TIME button
	It is impossible to changeover heat/cool with the remote controller when this icon is displayed.		Use this button for programming “START and/or STOP” time.
4	DISPLAY “  ” (AIR FLOW FLAP)	18	TEMPERATURE SETTING button
	Refer to page 10.		Use this button for SETTING TEMPERATURE of the thermostat.
5	DISPLAY “  OPTION ” (VENTILATION/AIR CLEANING)	19	FILTER SIGN RESET button
	This display shows that the total heat exchange and the air cleaning unit are in operation. (these are optional accessories)		Refer to the operation manual attached to the indoor unit.
6	DISPLAY “  ” (SET TEMPERATURE)	20	FAN SPEED CONTROL button
	This display shows the set temperature.		Press this button to select the fan speed, LOW or HIGH, of your choice.
7	DISPLAY “  ” (OPERATION MODE)	21	OPERATION MODE SELECTOR button
	This display shows the current OPERATION MODE.		Press this button to select OPERATION MODE.
8	DISPLAY “  ” (PROGRAMMED TIME)	22	AIR FLOW DIRECTION ADJUST button (BRC1A61 only)
	This display shows PROGRAMMED TIME of the system start or stop.		Refer to page 10.
9	DISPLAY “  TEST ” (INSPECTION/TEST OPERATION)	23	NON-FUNCTIONING DISPLAY (BRC1C61 only)
	When the INSPECTION/TEST OPERATION BUTTON is pressed, the display shows the system mode is in.		If that particular function is not available, pressing the button may display the words “NOT AVAILABLE” for a few seconds. When running multiple units simultaneously, the “NOT AVAILABLE” message will only be appear if none of the indoor units is equipped with the function. If even one unit is equipped with the function, the display will not appear.
10	DISPLAY “  ” (UNDER CENTRALIZED CONTROL)	24	FAN ONLY/AIR CONDITIONING SELECTOR SWITCH
	When this display shows, the system in UNDER CENTRALIZED CONTROL. (This is not a standard specification)		Set the switch to “  ” for fan only operation or to “  ” for heating or cooling operation.
11	DISPLAY “  ” (FAN SPEED).	25	COOL/HEAT CHANGEOVER SWITCH
	The display shows the fan speed: “LOW” or “HIGH”.		Set the switch to “  ” for cooling or to “  ” for heating operation.
12	DISPLAY “  ” (TIME TO CLEAN AIR FILTER)	<p>NOTE</p> <ul style="list-style-type: none"> For the sake of explanation, all indications are shown on the display in Fig. 1 and 2 contrary to actual running situations. If the filter sign lamp lights up, clean the air filter as explained in the indoor unit manual. After cleaning and reinstalling the air filter: press the filter sign reset button on the remote controller. The filter sign lamp on the display will go out. The remote controller BRC1A62 (for FXSQ, FXMQ, FXLQ, FXNQ, FXDQ) does not have the display air flow flap (4) nor the air flow direction adjust button (22). 	
	Refer to the operation manual attached to the indoor unit.		
13	DISPLAY “  ” (DEFROST/HOT START)		
	Refer to page 8.		
14	TIMER MODE START/STOP button		
	Refer to page 11.		

Preparation Before Operation

■ Tips for saving energy

- Be careful not to cool (heat) the room too much. Keeping the temperature setting at a moderate level helps save energy.
- Cover windows with a blind or a curtain. Blocking sunlight and air from outdoors increases the cooling (heating) effect.

Recommended temperature setting	
For cooling	26 to 28 °C
For heating	20 to 24 °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

INDOOR		OUTDOOR TEMPERATURE
TEMPERATURE	HUMIDITY	
DB	21 to 32 °C	DB -5 to 46 °C
WB	14 to 25 °C	

80% or below
(Long time operation in a humidity over 80% may cause condensation on the unit and dripping.)

Heating

INDOOR TEMPERATURE		OUTDOOR TEMPERATURE	
DB	15 to 27 °C	DB	-20 to 21 °C**
		WB	-20 to 15.5 °C**

**-20~-15°CWB: Range for operation
-15~15.5°CWB: Range for continuous operation

DB: Dry bulb temperature WB: Wet bulb temperature

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

Useful Information

Observe the following precautions to ensure the system operates properly.

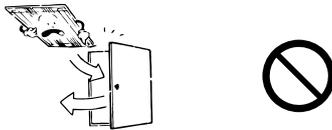
- **Set the room temperature appropriately.**
Take care not to cool or heat the room excessively. Adjust the temperature so that everyone in the room is comfortable.



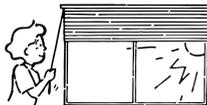
- **Ventilate the room from time to time.**
Be sure to ventilate the room after using the air conditioner for a long time.



- **Do not leave the door or window open.**
The air will be released, and the effect of cooling/heating will be reduced.



- **Do not allow direct sunshine to enter the room during the cooling operation.**
Hang a curtain or blind to the window to prevent direct sunshine.



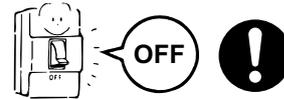
- **Keep televisions, radios or stereo equipment at least 1 meter from the indoor unit or remote controller.**
Otherwise, picture disturbance or noise may result.



- **Use flow direction adjustment skillfully.**
Cold air collects toward the floor and hot air collects toward the ceiling. Therefore, for cooling, set the air flow horizontally, and for heating, set the air flow downward. Also, set the air flow so that it does not blow directly on your body.



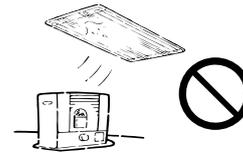
- **Turn off the power when the air conditioner is not used for a long time.**
With the power on, the air conditioner will consume several to several tens of watts of power (*1)



NOTE

*1 The power consumption while the equipment is stopped varies with the type of outdoor unit, etc. Consult your dealer for further details on power consumption.

- **Do not use and room heater under the indoor unit.**
Heat may deform the indoor unit of suction grille.



- **Do not place things near the air outlet or air inlet.**
Such obstacles may lower the performance of the air conditioner or make it stop.



- **When the display shows “” (TIME TO CLEAN AIR FILTER), refer to the instruction manual of the indoor unit, and clean the air filter.**



- **Use timer operation effectively.**
It takes time for the room temperature to reach the set temperature. Therefore, use timer operation to start the air conditioner ahead of time.



COOLING · HEATING · FAN Operation

This operation manual describes the explanation for a case in which the wired remote controller is used. When using the wireless remote controller, refer to the attached operation manual.

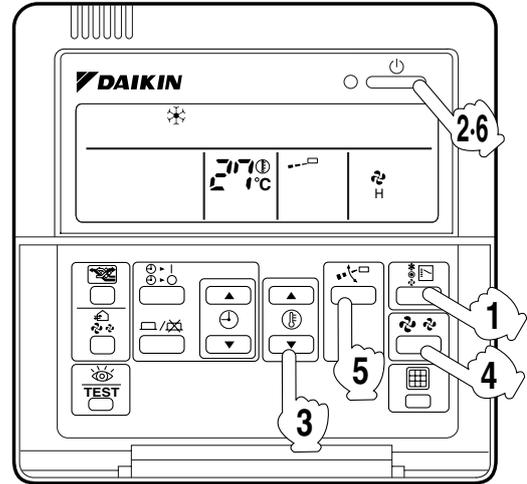
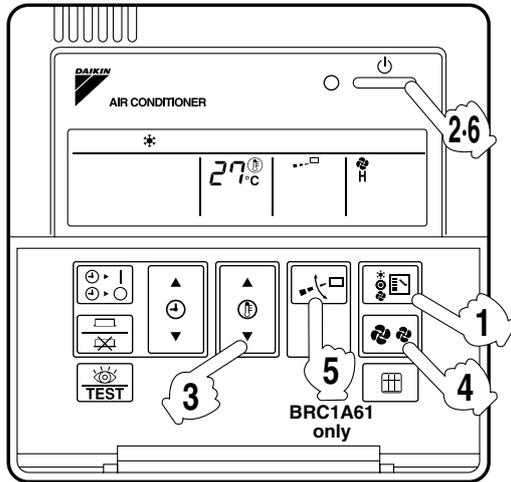
- Changeover cannot be made with a remote controller whose display shows “” (CHANGEOVER UNDER CONTROL).
- When the display “” (CHANGEOVER UNDER CONTROL) flashes, refer to page 13.
- For protecting the mechanism, supply the power for 6 hours at first, then operate the air conditioner.

FOR SYSTEMS WITHOUT COOL/HEAT CHANGEOVER REMOTE CONTROLLER

For the BRC1A61

*The situation is the same for the BRC1A62.

For the BRC1C61



1. Press OPERATION MODE SELECTOR button several times and select the OPERATION MODE of your choice as follows.
 COOLING Operation..... “” HEATING Operation “” FAN Operation..... “”

2. Press ON/OFF button.

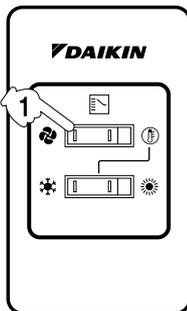
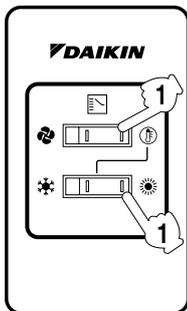
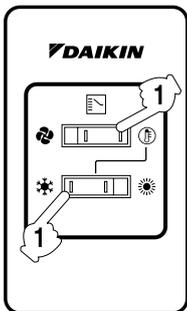
OPERATION lamp lights up and the system starts OPERATION.

FOR SYSTEMS WITH COOL/HEAT CHANGEOVER REMOTE CONTROLLER (Only for the heat pump)

Cooling Operation

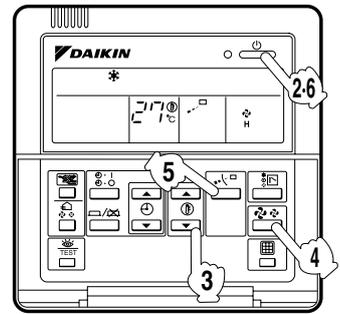
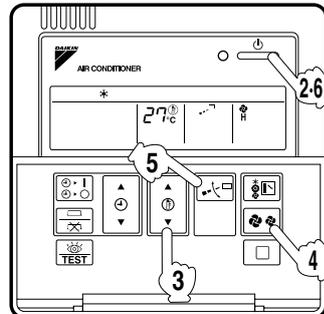
Heating Operation

Fan Operation



For the BRC1A61

For the BRC1C61



1. Select operation mode with the cool/heat changeover remote controller as follows:

COOLING Operation..... “” “” HEATING Operation “” “” FAN Operation..... “”

2. Press ON/OFF button.

OPERATION lamp lights up and the system starts OPERATION.

Adjustment

3. 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.

NOTE:

- Set the temperature within the operation range shown in the table on page 6.
- The temperature cannot be set in the fan operation.

COOLING · HEATING · FAN Operation

4. Press FAN SPEED CONTROL button.

High or Low fan speed can be selected.

NOTE:

- In the heating operation, the fan stops during defrosting or at startup. It does not indicate any abnormality.

5. Press AIR FLOW DIRECTION ADJUST button. (only for FXCQ, FXFQ, FXHQ, FXAQ)

This operation is not available with the BRC1A62 remote controller.

Refer to page 10 for details.

STOPPING THE SYSTEM

6. Press ON/OFF button once again.

- OPERATION lamp goes off, and the system stops OPERATION.
- The fan may keep on running for about 1 minute after the heating operation stops.
(To start the next operation smoothly.)

ATTENTION:

- 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.
- When the operation is started again immediately after being stopped, when the operation mode is changed over, or when the TEMPERATURE SETTING button is pressed then returned soon, the air conditioner will start the operation automatically about 5 minutes later (because the air conditioner is controlled so that excessive load is not applied).

Characteristics of the heating operation

(1) DEFROST OPERATION

- As the frost on the coil of an outdoor unit increase, heating effect decreases and the system goes into DEFROST OPERATION.
- The indoor unit fan stops and the remote controller displays shows “” (DEFROST/HOT START).
- After 6 to 8 minutes (maximum 10 minutes) of DEFROST OPERATION, the system returns to HEATING OPERATION.

(2) HOT START

- In order to prevent cold air from blowing out of an indoor unit at the start of heating operation, the indoor fan is automatically stopped. The display of the remote controller shows “” (DEFROST/HOT START).

(3) OPERATION START

- For ordinary heating, it will take longer for the room temperature to reach the set temperature than with cooling. We therefore recommend starting the unit ahead of time using the timer operation.

Program DRY Operation

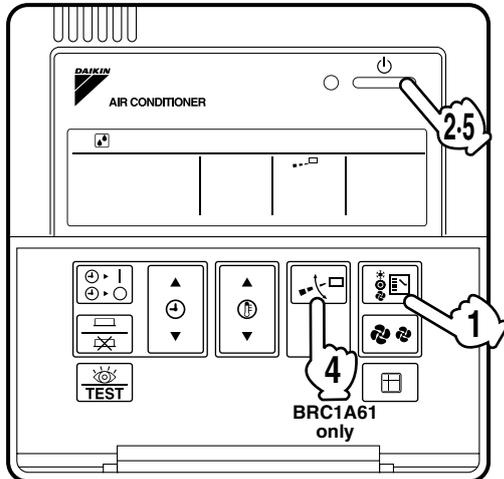
Program DRY is a function that alternates between weak cooling and stopping the unit to remove humidity from the air, in order to prevent the room temperature from dropping and becoming too cold.

- The microcomputer **automatically** controls the temperature and fan strength, so these cannot be set using the remote controller.
- This function is not available if the room temperature is 16°C or lower.

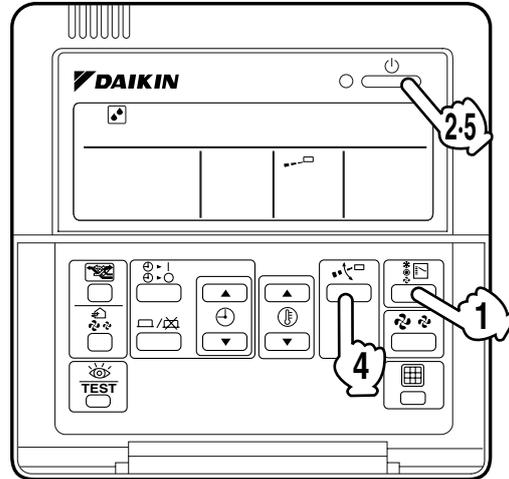
FOR SYSTEMS WITHOUT COOL/HEAT CHANGEVER REMOTE CONTROLLER

For the BRC1A61

*The situation is the same for the BRC1A62.



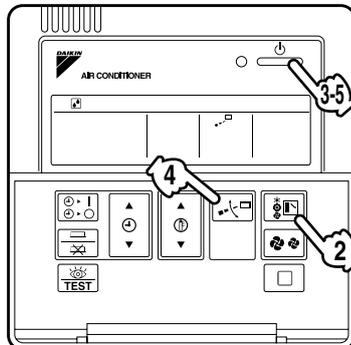
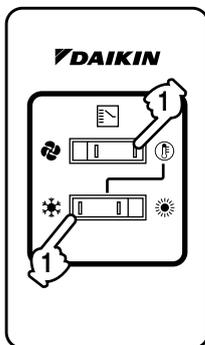
For the BRC1C61



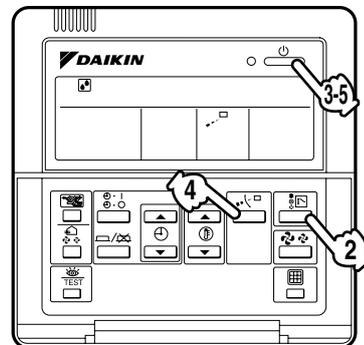
1. Press **OPERATION MODE SELECTOR** button several times and select “” (PROGRAM DRY Operation).
2. Press **ON/OFF** button.
OPERATION lamp lights up and system starts OPERATION.

FOR SYSTEMS WITH COOL/HEAT CHANGEVER REMOTE CONTROLLER (Only for the heat pump)

For the BRC1A61



For the BRC1C61



1. Select cooling operation mode with the cool/heat changeover remote controller.
2. Press **OPERATION MODE SELECTOR** button several times and select “” (PROGRAM DRY Operation).
3. Press **ON/OFF** button.
OPERATION lamp lights up and system starts OPERATION.

Adjustment

4. Press **AIR FLOW DIRECTION ADJUST** button. (only for FXCQ, FXFQ, FXHQ, FXAQ)
This operation is not available with the BRC1A62 remote controller.
Refer to page 10 for details.

STOPPING THE SYSTEM

5. Press **ON/OFF** button again.
OPERATION lamp goes off, and the system stops OPERATION.

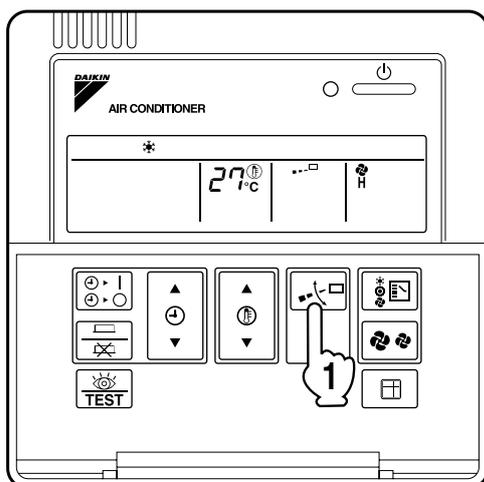
ATTENTION:

- Do not turn OFF power immediately after the unit stops. Then, wait on no less than 5 minutes. Water is leaking or there is something else wrong with the unit.

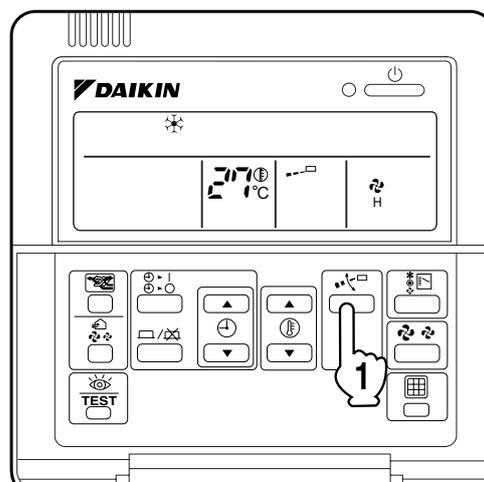
Adjusting the Air Flow Direction

- Press the AIR FLOW DIRECTION button to adjust the air flow angle. (only for FXCQ, FXFQ, FXHQ, FXAQ)
This operation is not available with the BRC1A62 remote controller.

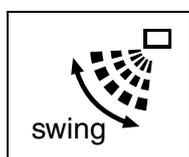
For the BRC1A61



For the BRC1C61



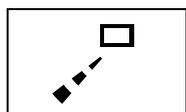
1. Press the AIR FLOW DIRECTION ADJUST button to select the air direction as shown below.



The AIR FLOW FLAP display swings as shown left and the air flow direction continuously varies. (Automatic swing setting)



Press AIR FLOW DIRECTION ADJUST button to select the air direction of your choice.



The AIR FLOW FLAP display stops swinging and the air flow direction is fixed. (Fixed air flow direction setting)

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.

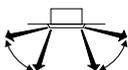
Operation mode	Cooling	Heating
Operation conditions	<ul style="list-style-type: none"> • When room temperature is lower than the set temperature • When operating continuously at horizontal air flow direction 	<ul style="list-style-type: none"> • When room temperature is higher than the set temperature • At defrost operation

The air flow direction can be adjusted in either of the following ways.

- Automatic
The air flow flap adjusts its position itself.
- Fixed air flow direction
The air flow direction can be fixed by the user.

<Automatic>

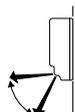
FXCQ, FXFQ



FXHQ



FXAQ

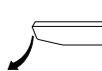


<Fixed air flow direction>

FXCQ, FXFQ



FXHQ



FXAQ



ATTENTION:

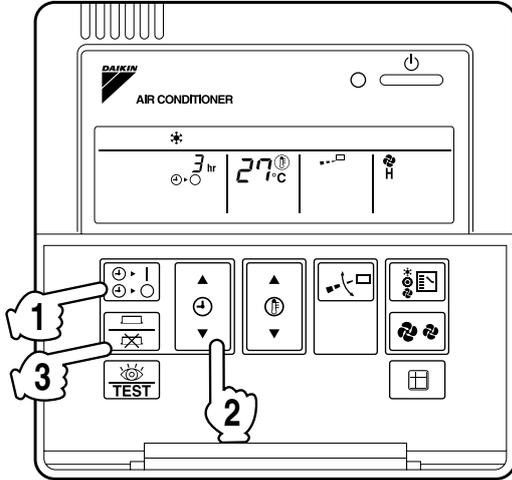
- The movable limit of the flap is changeable. Contact your Daikin dealer for details. (Only for FXCQ, FXFQ, FXHQ and FXAQ.)
- Avoid operating in the horizontal direction “” which may cause dew or dust to settle on ceiling.

ON/OFF TIMER Operation

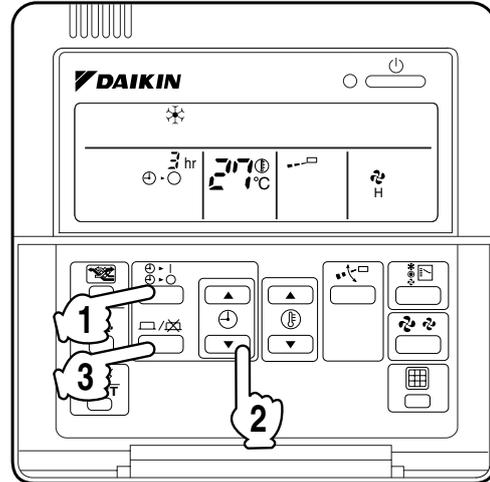
- The timer is operated by the following two ways.
 Programming the stop time (⊕ ▶ ○) The system stops operating after the time setting has elapsed.
 Programming the start time (⊕ ▶ |) The system starts operating after the time setting has elapsed.
- The timer can be programmed for a maximum of 72 hours.
- The start and the stop time can simultaneously be programmed.

For the BRC1A61

*The situation is the same for the BRC1A62.



For the BRC1C61



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

The display flashes.

For setting the timer stop... “⊕ ▶ ○”

For setting the timer start... “⊕ ▶ |”

2. 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.

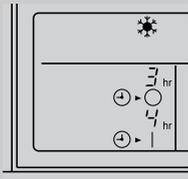
3. Press the **TIMER ON/OFF** button.

The timer setting procedure ends. The display “⊕ ▶ ○ or ⊕ ▶ |” changes from flashing light to a constant light.

NOTE:

- When setting the timer Off and On at the same time, repeat the above procedure (from 1 to 3) once again.
- After the timer is programmed, the display shows the remaining time.
- Press the **TIMER ON/OFF** button once again to cancel programming. The display vanishes.

For example:



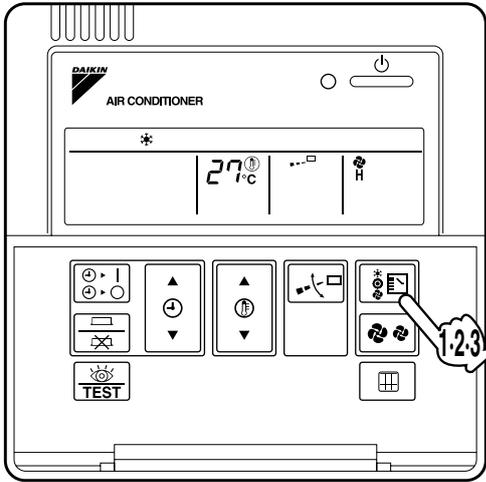
When the timer is programmed to stop the system after 3 hours and start the system after 4 hours, the system will stop after 3 hours and then 1 hour later the system will start.

How to set Master Remote Controller

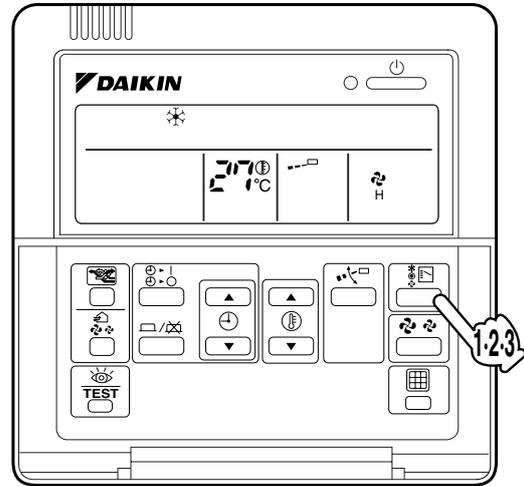
- When the right to select the cooling/heating operation mode is set in the master remote controller, “” is displayed in slave remote controllers.
The right to select the cooling/heating operation mode cannot be set in slave remote controllers.

For the BRC1A61

*The situation is the same for the BRC1A62.



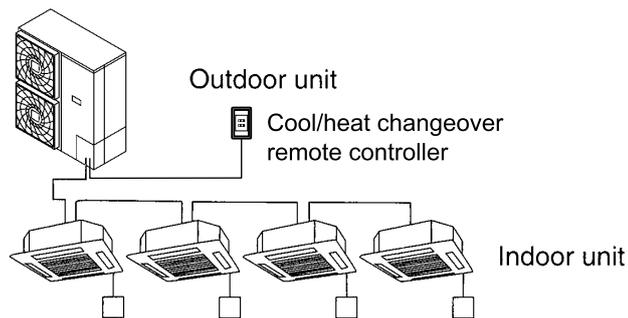
For the BRC1C61



Setting the master remote controller

- When the system is installed as shown below, it is necessary to designate the master remote controller.
- Only the remote controller having the right to select the cooling/heating operation mode (master remote controller) can select the cooling/heating operation mode.

When one outdoor unit is connected with several indoor units.



One of these remote controllers needs to be designated as the master remote controller.

- The displays of slave remote controllers show “” (CHANGEOVER UNDER CONTROL) and they automatically follow the operation mode directed by the master remote controller. (This symbol is not displayed in wireless remote controllers.)

However, it is possible to changeover to PROGRAM DRY with slave remote controller only if the system is in COOLING OPERATION set by the master remote controller.

How to designate the master remote controller

1. **Continuously press the OPERATION MODE SELECTOR button of the current master remote controller for 4 seconds.**
The displays showing “” (CHANGEOVER UNDER CONTROL) of all slave remote controllers connected to the same outdoor unit flash.
2. **Press the OPERATION MODE SELECTOR button of the controller that you wish to designate as the master remote controller. Then designation is completed. This remote controller is designated as the master remote controller and the display showing “” (CHANGEOVER UNDER CONTROL) vanishes.**
The displays of other remote controllers show “” (CHANGEOVER UNDER CONTROL).
3. **Press the OPERATION MODE SELECTOR button of the master remote controller (in which “” is not displayed) several times, and select the operation mode that you wish.**
Every time the OPERATION MODE SELECTOR button is pressed, the indication is changed over in the sequence “fan” → “dry” → “cooling” → “heating”.
The indication in other slave remote controllers is changed over while following up the indication in the master unit.

In the case of wireless remote controllers

1. **Continuously press the OPERATION MODE SELECTOR button of the current master indoor unit for 4 seconds.**
The timer lamp flashes in all indoor units connected to the same outdoor unit.
2. **Press the OPERATION MODE SELECTOR button of the indoor unit that you wish to designate as the master indoor unit.**
A “beep” sound is issued, and the timer lamp turns off.
This indoor unit is designated as the master unit.
3. **Press the OPERATION MODE SELECTOR button of the master indoor unit several times, and select the operation mode that you wish.**
Every time the OPERATION MODE SELECTOR button is pressed, the indication is changed over in the sequence “fan” → “dry” → “cooling” → “heating”.
The indication in other slave indoor unit is changed over while following up the indication in the master indoor unit.

Contents and functions of operation

1. When master remote controller (in which “” is not displayed) is set to “cooling” or “heating”



Other slave remote controllers (in which “” is displayed)

- The operation mode is changed over to the mode selected in the master remote controller.

Display in slave remote controllers

1. The set temperature selected in the same mode at the previous time is displayed.
2. The initial setting is displayed.
(When the mode is set for the first time.)

Cooling: 28°C	Heating: 22°C
---------------	---------------

- However, changeover to the fan operation and changeover from “cooling” to “dry” are available.

In the case of wireless remote controllers

When an operation mode different from the currently selected operation mode is selected in a slave remote controller, a long “beep” sound is issued to notify that the mode is in conflict.

2. When master remote controller (in which “” is not displayed) is set to “fan”.



Other slave remote controllers (in which “” is displayed)

- Only “fan” is available.

PRECAUTIONS FOR GROUP CONTROL SYSTEM OR TWO REMOTE CONTROLLER CONTROL 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 control one indoor unit (in case of group control system, one group of indoor units). The unit is individually operated.

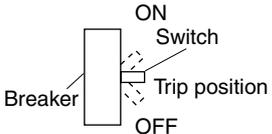
NOTE:

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

Trouble Shooting

These cases are not troubles.

The following cases are not air conditioner troubles but have some reasons. You may just continue using it.

Case	Explanation
Does not operate at all.	<ul style="list-style-type: none"> • Check if the fuse has blown. Set power switch to off. • Check if breaker has worked. Turn the power on with the breaker switch in the off position. Do not turn the power on with the breaker switch in the trip position. (Contact your dealer.) • When the power is interrupted. Wait until the power is recovered, then operate the air conditioner again. The air conditioner automatically resumes operation in about 3 minutes. You should just wait for a while. 
Operation does not start soon. <ul style="list-style-type: none"> • When ON/OFF button was pressed soon after operation was stopped. • When the mode was reselected. 	<ul style="list-style-type: none"> • This is to protect the air conditioner. You should wait for about 5 minutes. (The micro computer is preparing for operation.) • Wait for about 10 minutes.
Hot air does not flow out soon after the power supply is turned on.	<ul style="list-style-type: none"> • The air conditioner is warming up. You should wait for about 1 minute. (The system is designed to start discharging air only after it has reached a certain temperature.)
The heating operation stops suddenly and a flowing sound is heard.	<ul style="list-style-type: none"> • The system is taking away the frost on the outdoor unit. You should wait for about 3 to 8 minutes. (Max. 10 minutes). • This sound indicates that the valve for the refrigerant bypass is in operation.
A “Zeen” sound is heard immediately after the power supply is turned on.	<ul style="list-style-type: none"> • The electronic expansion* valve inside an indoor unit starts working and makes the noise. Its volume will reduce in about one minute. * Electronic expansion valve ... Controls the flow rate of the gas (refrigerant) flowing inside the indoor unit.
A continuous low “Shah” sound is heard when the system is in COOLING OPERATION or at a stop.	<ul style="list-style-type: none"> • When the drain pump (optional accessories) is in operation, this noise is heard.
A “Pishi-pishi” squeaking sound is heard when the system stops after HEATING OPERATION.	<ul style="list-style-type: none"> • Expansion and contraction of plastic parts caused by temperature change makes this noise.
A low “Sah”, “Choro-choro” sound is heard while an indoor unit has stopped.	<ul style="list-style-type: none"> • When the other indoor unit is in operation, this noise is heard. In order to prevent oil and refrigerant from remaining in the system, a small amount of refrigerant is kept flowing.
A continuous low “Shuh” sound is heard when the systems is in COOLING or DEFROST OPERATION.	<ul style="list-style-type: none"> • This is the sound of refrigerant gas flowing through both indoor and outdoor units.
A “Shuh” sound which is heard at the start or immediately after the stop of operation or which is heard at the start or immediately after the stop of DEFROST OPERATION.	<ul style="list-style-type: none"> • This is the noise of refrigerant caused by flow stop and flow change.
When the tone of operating noise changes.	<ul style="list-style-type: none"> • This noise caused by the change of frequency.
A continuous “shuh” sound generated during operation or immediately after the operation is started or stopped.	<ul style="list-style-type: none"> • This sound indicates that the valve for the refrigerant bypass is in operation.
The outdoor unit emits water or steam.	<ul style="list-style-type: none"> ■ In HEATING mode <ul style="list-style-type: none"> • The frost on the outdoor unit melts into water or steam when the air conditioner is in defrost operation. ■ In COOLING or DRY mode <ul style="list-style-type: none"> • Moisture in the air condenses into water on the cool surface of outdoor unit piping and drips.
Mists come out of the indoor unit.	<ul style="list-style-type: none"> • This happens when the air in the room is cooled into mist by the cold air flow during cooling operation. • If the inside of an indoor unit is extremely contaminated, the temperature distribution inside a room becomes uneven. It is necessary to clean the inside of the indoor unit. Ask your Daikin dealer for details on cleaning the indoor unit. This operation requires a qualified service person.
The indoor unit gives out odour.	<ul style="list-style-type: none"> ■ This happens when smells of the room, furniture, or cigarettes are absorbed into the unit and discharged with the air flow. (If this happens, we recommend you to have the indoor unit washed by a technician. Consult the service shop where you bought the air conditioner.)

Trouble Shooting

Case	Explanation
The outdoor fan rotates while the air conditioner is not in operation.	<ul style="list-style-type: none"> After operation is stopped: <ul style="list-style-type: none"> The outdoor fan continues rotating for another 60 seconds for system protection. While the air conditioner is not in operation: <ul style="list-style-type: none"> When the outdoor temperature is very high, the outdoor fan starts rotating for system protection.
The operation stopped suddenly. (OPERATION lamp is on)	<ul style="list-style-type: none"> For system protection, the air conditioner may stop operating on a sudden large voltage fluctuation. It automatically resumes operation in about 3 minutes.
“  ” is displayed on the remote controller, and the displayed contents flash for several seconds when an operation button is pressed. When three short “beep” sounds are issued in the case of wireless remote controller.	<ul style="list-style-type: none"> The air conditioner is controlled by the central equipment. Flashing of the displayed contents indicates that the remote controller is invalid for control.
COOL/HEAT cannot be changed over. <ul style="list-style-type: none"> When the display shows “” (CHANGEOVER UNDER CONTROL), it shows that this is a slave remote controller. When the cool/heat changeover remote control switch is installed and the display shows “” (CHANGEOVER UNDER CONTROL). When a long “beep” sound is issued in the case of wireless remote controller. 	<ul style="list-style-type: none"> Refer to page 13. This is because cool/heat changeover is controlled by the cool/heat changeover remote control switch. Ask your Daikin dealer where the remote control switch is installed.
The liquid crystal of the remote controller shows “  ” immediately after the power supply is turned on.	<ul style="list-style-type: none"> This shows that the remote controller is in normal condition. This continues for one minute.
The compressor in the outdoor unit does not stop after a short HEATING operation.	<ul style="list-style-type: none"> This is to prevent oil and refrigerant from remaining in the compressor. The unit will stop after 5 to 10 minutes.
The inside of an outdoor unit is warm when the unit has stopped	<ul style="list-style-type: none"> This is because the crankcase heater is warming the compressor even while the outdoor unit is stopped so that the compressor can start smoothly.
When the air conditioner has not been used (the power has been off) for a long time.	<ul style="list-style-type: none"> For protecting the mechanism, supply the power for 6 hours at first, then operate the air conditioner.
Warm air exits the unit even though it is off. You can feel hot air coming out of the unit.	<ul style="list-style-type: none"> Multiple units are operating on the same system, so if a unit in another room is operating, some refrigerant will flow through the stopped units, too.

Call the service shop immediately.

WARNING

- When an abnormality (such as a burning smell) occurs, stop operation and turn the breaker OFF. Continued operation in an abnormal condition may result in troubles, electric shocks or fire. Consult the service shop where you bought the air conditioner.
- Do not attempt to repair or modify the air conditioner by yourself. Incorrect work may result in electric shocks or fire. Consult the service shop where you bought the air conditioner.

If one of the following symptoms takes place, call the service shop immediately.

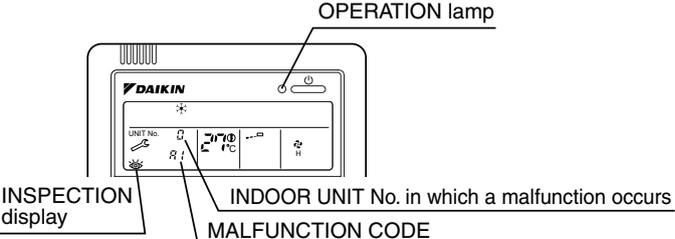
- The power cord is abnormally hot or damaged.
- An abnormal sound is heard during operation.
- The safety breaker, a fuse, or the earth leakage breaker cuts off the operation frequently.
- A switch or a button often fails to work properly.
- There is a burning smell.
- Water leaks from the indoor unit.

Turn the breaker OFF and call the service shop.

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

- Lightning
If lightning may strike the neighbouring area, stop operation and turn the breaker OFF for system protection.

Check the following before requesting service

Symptom	Action and contact
Safety equipment such as fuses, circuit breakers, leakage breaker, etc. are set off occasionally.	Do not set power switch to on.
Operating switch function is not secure.	Set power switch to off.
Water leaks from the air conditioner.	Stop operation.
If the display “  ” (INSPECTION), UNIT No.” and the OPERATION lamp flash and “MALFUNCTION CODE” appears.	Inform your dealer of the contents of the display on the remote controller. 

Symptom	Cause	Remedy
The machine does not work at all.	Blown fuse or open breaker	Replace the fuse or close the breaker.
	Power outage	If the main power supply is turned off during operation, operation will restart automatically after power turns back again.
The machine runs but stops soon.	Blocked air inlet or air outlet of the indoor or outdoor unit	Remove the obstacle.
The machine does not work properly.	Blocked air inlet or air outlet of indoor or outdoor unit	Remove the obstacle.
	Improper temperature setting	See page 7.
	Low fan speed setting	See page 8.
	Improper air flow direction	See page 10.
	Window or door open	Close.
	Direct sunshine	Put up a curtain or blind over the window.
	Too many people in the room	
	Too many heat sources in the room	
If the air filter clogged.	Refer to the instruction manual of the indoor unit, and clean the air filter.	

- NOTE**
- Check the above items, and if the problem still cannot be fixed, contact your dealer for repair, stating the symptom(s) and the model name.

Types of Equipment

Item	Model	RXYMQ4PVET	RXYMQ5PVET	RXYMQ6PVET
Type	Cooling method of condenser	Air-cooling type		
	Blowing method	Direct air discharge type		
	Cooling capacity (kW)	11.2	14.0	15.5
	Heating capacity (kW)	12.5	16.0	18.0

After-Sales Service

CAUTION

- Do not disassemble, modify or repair the air conditioner by yourself.**
Improper disassembly, modification or repair may cause water leakage, electric shock or fire.
Ask your dealer for such servicing.


- Do not move and install the air conditioner by yourself.**
Improper reinstallation may cause water leakage, electric shock or fire.
Ask your dealer for reinstallation.


- Objects which can start fire are strictly prohibited if the refrigerant leaks.**
The refrigerant used in the air conditioner is safe, and does not leak usually.
If the refrigerant leaks into the room and becomes contact with burning appliances such as fan heater, stove and cooker, however, harmful gases may be generated.
Turn off burning appliances, ventilate the room, and contact your dealer.
After asking for repair of refrigerant leakage, confirm to the service personnel that the leaking positions are repaired securely, then start the operation.



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 aside from regular cleaning by the user. For specialist maintenance, contact the service shop where you bought the air conditioner. The maintenance cost must be born by the user.

DAIKIN INDUSTRIES, LTD.

Head office:

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

Tokyo office:

JR Shinagawa East Bldg., 2-18-1, Konan,
Minato-ku, Tokyo, 108-0075 Japan

大金工業株式会社

總公司

日本大阪府大阪市北區中崎西二丁目4番12號
梅田中心大廈 郵遞區號 530-8323

東京分公司

日本東京都港區港南二丁目18番1號
JR品川東大廈 郵遞區號108-0075

進口商名稱

和泰興業股份有限公司

消費者免付費服務電話：0800-060-580