

**DAIKIN**



# OPERATION MANUAL

## SPLIT SYSTEM

## Air Conditioners

MODELS

**Air Handling Unit**

**FTQ18PAVJU**

**FTQ24PAVJU**

English

Français

Español

Read these instructions carefully before installation.  
Keep this manual in a handy place for future reference.  
This manual should be left with the equipment owner.

Lire soigneusement ces instructions avant l'installation.  
Conserver ce manuel à portée de main pour référence ultérieure.  
Ce manuel doit être donné au propriétaire de l'équipement.

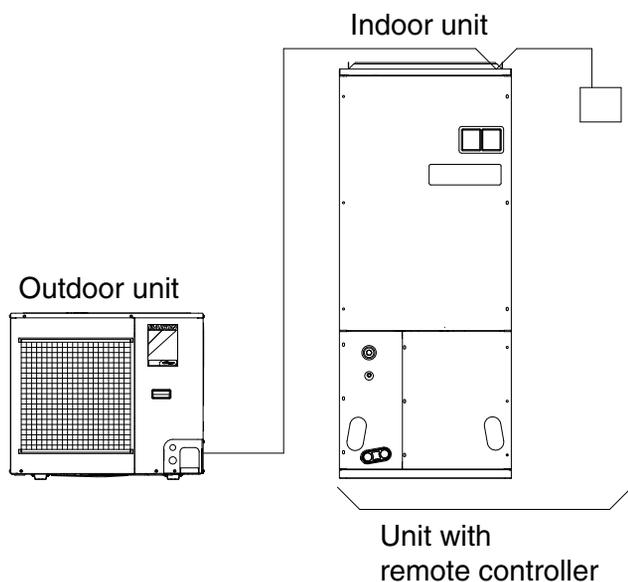
Lea cuidadosamente estas instrucciones antes de instalar.  
Guarde este manual en un lugar a mano para leer en caso de tener alguna duda.  
Este manual debe permanecer con el propietario del equipo.

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## 1. WHAT TO DO BEFORE OPERATION

This operation manual is for the following system with standard control. Before initiating operation, contact your dealer for the operation that corresponds to your system.



### NOTE

- If the unit you purchased is controlled by a wireless remote controller, also refer to the wireless remote controller's operation manual.
- If the unit you purchased is controlled by the wired remote controller (BRC1E71), refer to the operation manual of the wired remote controller (BRC1E71).

If your installation has a customized control system, ask your dealer for the operation that corresponds to your system.

## TWO REMOTE CONTROLLERS CONTROL SYSTEM

Confirm the following if your unit is the following control system type.

- **Two remote controllers control system**  
Two remote controllers control one indoor unit. The unit is individually operated.

### NOTE

- Contact your dealer in case of two remote controllers control system.

## Names and functions of parts

Refer to figure 2 on page [1]

<b>a</b>	Indoor unit
<b>b</b>	Outdoor unit
<b>c</b>	Remote controller
<b>d</b>	Inlet air
<b>e</b>	Discharged air
<b>f</b>	Air outlet
<b>g</b>	Connection electric wire
<b>h</b>	Refrigerant piping
<b>i</b>	Drain pipe
<b>j</b>	Air inlet The built-in air filter removes dust and dirt.
<b>k</b>	Ground wire Wire to ground from the outdoor unit to prevent electrical shocks.

## 2. SAFETY CONSIDERATIONS

Read these "Safety Considerations for Operations" carefully before installing air conditioning equipment. After completing the installation, make sure that the unit operates properly during the startup operation. Instruct the customer on how to operate and maintain the unit.

Inform customers that they should store this Operation Manual with the Installation Manual for future reference.

Meanings of **DANGER**, **WARNING**, **CAUTION**, and **NOTE** Symbols:

**⚠ DANGER** ..... Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

**⚠ WARNING** ..... Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

**⚠ CAUTION** ..... Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

**⚠ NOTE**..... Indicates situations that may result in equipment or property-damage accidents only.

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**⚠ DANGER**

- Do not install the unit in an area where flammable materials are present due to risk of explosion resulting in serious injury or death.
- Any abnormalities in the operation of the air conditioner such as smoke or fire could result in severe injury or death. Turn off the power and contact your dealer immediately.
- Refrigerant gas may produce toxic gas if it come in contact with fire, such as from a fan, heater, stove, or cooking device. Exposure to this gas could cause severe injury or death.
- For refrigerant leakage, consult your dealer. Refrigerant gas is heavier than air and replaces oxygen. A massive leak could lead to oxygen depletion, especially in basements, and an asphyxiation hazard could occur leading to serious injury or death.
- If equipment utilizing a burner is used in the same room as the air conditioner, there is the danger of oxygen deficiency which could lead to an asphyxiation hazard resulting in serious injury or death. Be sure to ventilate the room sufficiently to avoid this hazard.
- Safely dispose of the packing materials. Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries.
- Tear apart and throw away plastic packaging bags so that children will not play with them. Children playing with plastic bags face the danger of death by suffocation.

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**⚠ WARNING**

- Contact your dealer for repair and maintenance. Improper repair and maintenance may result in water leakage, electric shock, and fire. Only use accessories made by Daikin that are specifically designed for use with the equipment and have them installed by a professional.
- Contact your dealer to move and reinstall the air conditioner. Incomplete installation may result in water leakage, electric shock, and fire.
- Never let the indoor unit or the remote controller get wet. Water can cause an electric shock or a fire.
- Never use flammable spray such as hair spray, lacquer, or paint near the unit. Flammable spray may cause a fire.
- When a fuse blows out, never replace it with one of incorrect ampere ratings or different wires. Always replace any blown fuse with a fuse of the same specification.
- Never remove the fan guard of the unit. A fan rotating at high speed without the fan guard is very dangerous.
- Never inspect or service the unit by yourself. Contact a qualified service person to perform this work.
- Turn off all electrical power before doing any maintenance to avoid the risk of serious electric shock; never sprinkle or spill water or liquids on the unit.
- Do not touch the switch with wet fingers. Touching a switch with wet fingers can cause electric shock.
- Do not allow children to play on or around the unit to prevent injury.
- The heat exchanger fins are sharp enough to cut. To avoid injury wear gloves or cover the fins while working around them.
- Do not put a finger or other objects into the air inlet or air outlet. The fan is rotating at high speed and will cause injury.
- Check the unit foundation for damage on a continuous basis, especially if it has been in use for a long time. If left in a damaged condition the unit may cause injury.
- Placing a flower vase or other containers with water or other liquids on the unit could cause a shock or fire if a spill occurs.

- Never touch the internal parts of the controller. Do not remove the front panel because some parts inside are dangerous to touch. To check and adjust internal parts, contact your dealer.

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**⚠ CAUTION**

- Do not use the air conditioner for any other purposes other than comfort cooling or heating. Do not use the unit for cooling precision instruments, food, plants, animals or works of art.
- Do not place items under the indoor unit as they may be damaged by condensates that may form if the humidity is above 80% or if the drain outlet gets blocked.
- Before cleaning, stop the operation of the unit by turning the power off or by pulling the supply cord out from its receptacle. Otherwise, an electric shock and injury may result.
- Do not wash the air conditioner with excessive water. An electric shock or fire may result.
- Avoid placing the controller in a spot splashed with water. Water entering the controller may cause an electric shock or damage the internal electronic parts.
- Do not operate the air conditioner when using a room-fumigation type of insecticide. Failure to observe this could cause the chemicals to be deposited in the unit and can endanger the health of those who are hypersensitive to chemicals.
- Do not turn off the power immediately after stopping operation. Always wait for at least five minutes before turning off the power. Otherwise, water leakage may occur.
- The appliance is not intended for use by young children or infirm persons without supervision.
- The remote controller should be kept away from children so they cannot play with it.
- Consult with the installation contractor for cleaning.
- Incorrect cleaning of the inside of the air conditioner could make the plastics parts break and cause water leakage or electric shock.
- Do not touch the air inlet or aluminum fin of the air conditioner as they can cut and cause injury.

- Do not place objects in direct proximity of the outside unit. Do not let leaves and other debris accumulate around the unit. Leaves are a hotbed for small animals which can enter the unit. Once inside the unit, animals can cause the unit to malfunction, and cause smoke or fire when they make contact with electrical parts.

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**⚠ NOTE**

- Never press the button of the remote controller with a hard, pointed object. The remote controller may be damaged.
- Never pull or twist the electric wire of the remote controller. It may cause the unit to malfunction.
- Do not place appliances that produce open flames in places that are exposed to the air flow of the unit or under the indoor unit. It may cause incomplete combustion or deformation of the unit due to the heat.
- Do not expose the controller to direct sunlight. The LCD display can become discolored and may fail to display the data.
- Dismantling of the unit, disposal of the refrigerant, oil, and additional parts, should be done in accordance with the relevant local, state, and national regulations.
- Operate the air conditioner in a sufficiently ventilated area and not surrounded by obstacles. Do not use the air conditioner in the following places.
  - a.Places with a mist of mineral oil, such as cutting oil.
  - b.Locations such as coastal areas where there is a lot of salt in the air.
  - c.Locations such as hot springs where there is a lot of sulfur in the air.
  - d.Locations such as factories where the power voltage varies a lot.
  - e.In cars, boats, and other vehicles.
  - f. Locations such as kitchens where oil may splatter or where there is steam in the air.
  - g.Locations where equipment produces electromagnetic waves.
  - h.Places with an acid or alkaline mist.
  - i. Places where fallen leaves can accumulate or where weeds can grow.

- Take snow protection measures. Contact your dealer for the details of snow protection measures, such as the use of a snow protection hood.
- Do not attempt to do electrical work or grounding work unless you are licensed to do so. Consult with your dealer for electrical work and grounding work.
- Pay Attention to Operating Sound. Be sure to use the following places:
  - a. Places that can sufficiently withstand the weight of the air conditioner yet can suppress the operating sound and vibration of the air conditioner.
  - b. Places where warm air from the air outlet of the outside unit or the operating sound of the outside unit does not annoy neighbors.
- Make sure that there are no obstacles close to the outside unit. Obstacles close to the outside unit may drop the performance of the outside unit or increase the operating sound of the outside unit.
- Consult your dealer if the air conditioner in operation generates unusual noise.
- Make sure that the drainpipe is installed properly to drain water. If no water is discharged from the drainpipe while the air conditioner is in the cooling mode, the drainpipe may be clogged with dust or dirt and water leakage from the indoor unit may occur. Stop operating the air conditioner and contact your dealer.

### 3. 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.

OPERATION	TEMPERATURE (°F)	
	OUTDOOR	INDOOR
COOLING	23 to 115 (DB)	57 to 77 (WB)
HEATING	0 to 60 (WB)	59 to 80.5 (DB)

DB: Dry bulb temperature  
WB: Wet bulb temperature

The setting temperature range of the remote controller is 60°F to 90°F.

### 4. INSTALLATION SITE

#### Regarding places for installation

- Is the air conditioner installed at a well-ventilated place where there are no obstacles around?
- Do not use the air conditioner in the following places.
  - a. Filled with much mineral oil such as cutting oil
  - b. Where there is much salt such as a beach area
  - c. Where sulfured gas exists such as a hot-spring resort
  - d. Where there are considerable voltage fluctuations such as a factory or plant
  - e. Vehicles and vessels
  - f. Where there is much spray of oil and vapor such as a cookery, etc.
  - g. Where there are machines generating electromagnetic waves
  - h. Filled with acid and/or alkaline steam or vapor
- Is a snow protection measure taken?  
For details, consult your dealer.

#### Regarding wiring

- All wiring must be performed by an authorized electrician.  
To do wiring, ask your dealer. Never do it by yourself.
- Make sure that a separate power supply circuit is provided for this air conditioner and that all electrical work is carried out by qualified personnel according to local laws and regulations.

#### Pay attention to running noises, too

- Are the following places selected?
  - a. A place that can sufficiently withstand the weight of the air conditioner with less running noises and vibrations.
  - b. A place where the hot wind discharged from the air outlet of the outdoor unit and the running noises.
- Are you sure that there are no obstacles near the air outlet of the outdoor unit?  
Such obstacles may result in declined performance and increased running noises.
- If abnormal noises occur in use, stop the operation of the air conditioner, consult your dealer.

## Regarding drainage of drain piping

### • Is the drain piping executed to perform complete drainage?

If proper drainage is not carried out from the outdoor drain pipes during air-conditioning operation, chances are that dust and dirt are clogged in the pipe. This may result in a water leakage from the indoor unit. Under such circumstances, stop the operation of the air conditioner, and then consult your dealer or our service station.

## 5. NAME AND FUNCTION OF EACH SWITCH AND DISPLAY ON THE REMOTE CONTROLLER

Refer to figure 1 on page [1]

The illustrations in this operating manual correspond to the remote control format BRC1D type.

1	<b>ON/OFF button</b> Press the button and the system will start. Press the button again and the system will stop.
2	<b>OPERATION LAMP (RED)</b> The lamp lights up during operation.
3	<b>DISPLAY “” (CHANGEOVER UNDER CONTROL)</b> It is impossible to changeover heat/cool with the remote controller when this icon is displayed.
4	<b>DISPLAY “” (SET TEMPERATURE)</b> This display shows the set temperature.
5	<b>DISPLAY “FAN DRY  COOL HEAT” (OPERATION MODE)</b> This display shows the current OPERATION MODE.
6	<b>DISPLAY “” (INSPECTION/TEST OPERATION)</b> When the INSPECTION/TEST OPERATION BUTTON is pressed, the display shows the system mode is in.
7	<b>DISPLAY “” (UNDER CENTRALIZED CONTROL)</b> When this display shows, the system in UNDER CENTRALIZED CONTROL. (This is not a standard specification)

8	<b>DISPLAY “” (FAN SPEED)</b> The display shows the fan speed, L: LOW, H: HIGH. (The indoor unit fan operates at H speed during ELECTRIC HEATER operation regardless of the remote controller indication.)
9	<b>DISPLAY “” (TIME TO CLEAN AIR FILTER)</b> Refer “HOW TO CLEAN THE AIR FILTER”.
10	<b>DISPLAY “” (DEFROST/HOT START)</b> This display appears during DEFROST OPERATION and HOT START.
11	<b>INSPECTION/TEST OPERATION button</b> This button is used only by qualified service persons for maintenance purposes. Do not use it in normal operation.
12	<b>TEMPERATURE SETTING button</b> Use this button for SETTING TEMPERATURE of the thermostat.
13	<b>FILTER SIGN RESET button</b> Refer “HOW TO CLEAN THE AIR FILTER”.
14	<b>FAN SPEED CONTROL button</b> Press this button to select the fan speed, LOW or HIGH of your choice.
15	<b>OPERATION MODE SELECTOR button</b> Press this button to select OPERATION MODE.
16	<b>NON-FUNCTIONING DISPLAY</b> If that particular function is not available, pressing the button may display the words “NOT AVAILABLE” for a few seconds.
<b>NOTE</b>  <ul style="list-style-type: none"> <li>• For the sake of explanation, all indications are shown on the display in Fig. 1 contrary to actual running situations.</li> <li>• See the remote controller’s operation manual for details on the schedule timer.</li> </ul>	

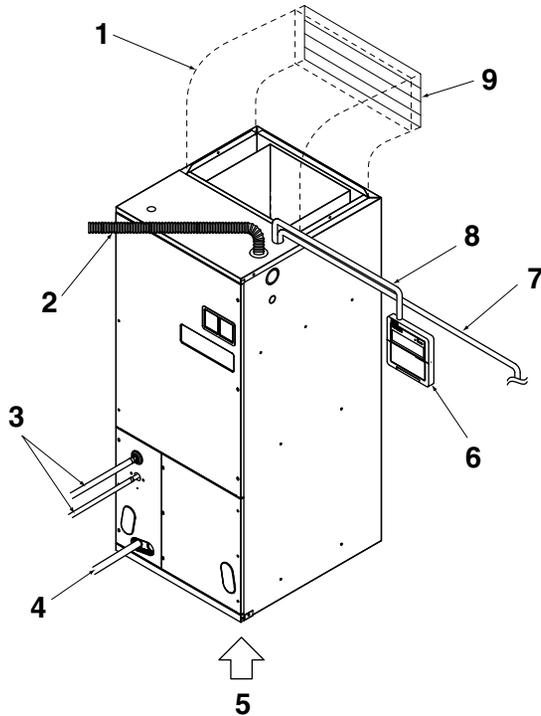
## 6. OPERATION PROCEDURE

Read the operation manual that came with the remote controller.

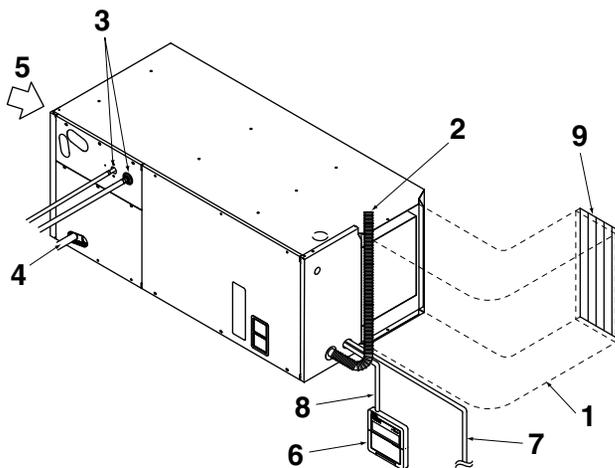
- To protect the unit, turn on the main power switch 6 hours before operation.
- If the main power supply is turned off during operation, operation will restart automatically after the power turns back on again.

### Part name and functions

In case of vertical position.



In case of horizontal position.



1. Airflow duct (local procurement)
2. Power supply wiring and ground wire through conduit
3. Refrigerant piping
4. Drain pipe
5. Air inlet
6. Remote controller
7. Transmission wiring
8. Connection wire
9. Air outlet (local procurement)

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

Operate in the following order.

#### 1 OPERATION MODE SELECTOR

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

- COOLING OPERATION ..... “ COOL ”
- HEATING OPERATION..... “ HEAT ”
- AUTOMATIC OPERATION..... “ **AUTO** ”
  - In this operation mode, COOL/HEAT change-over is automatically conducted.
- FAN OPERATION ..... “ FAN ”
- DRY OPERATION..... “ DRY ”
  - The function of this program is to decrease the humidity in your room with the minimum temperature decrease.
  - Micro computer automatically determines TEMPERATURE and FAN SPEED.
  - This system does not go into operation if the room temperature is below 60°F.

Refer to figure 3 on page [1]

## 2

### ON/OFF

#### Press ON/OFF button.

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

#### [EXPLANATION OF HEATING OPERATION]

##### 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 display shows “**STAND BY**”.
- After 6 to 8 minutes (maximum 10 minutes) of DEFROST OPERATION, the system returns to HEATING OPERATION.

#### Regarding outside air temperature and heating capacity

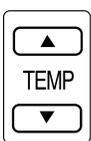
- The heating capacity of the air conditioner declines as the outside air temperature falls. In this case, use the air conditioner in combination with other heating systems.
- A warm air circulating system is employed, and therefore it takes some time until the entire room is warmed up after the start of operation.
- An indoor fan runs to discharge a gentle wind automatically until the temperature inside the air conditioner reaches a certain level. At this time, the remote controller displays “**STAND BY**”. Leave it as it stands and wait for a while.
- When the warm air stays under the ceiling and your feet are cold, we recommend that you use a circulator (a fan to circulate the air inside the room). For details, consult your dealer.

### ADJUSTMENT

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

#### TEMPERATURE SETTING

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



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

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

- The setting is impossible for fan operation.

#### NOTE

- The setting temperature range of the remote controller is 60°F to 90°F.

#### FAN SPEED CONTROL

#### Press FAN SPEED CONTROL button.

High or Low fan speed can be selected.

The microchip may sometimes control the fan speed in order to protect the unit.

### 7. OPTIMUM OPERATION

Observe the following precautions to ensure the system operates.

- Adjust the room temperature properly for a comfortable environment. Avoid excessive heating or cooling.
- Prevent direct sunlight from entering a room during cooling operation by using curtains or blinds.
- Ventilate the room regularly.  
Using the unit for long periods of time requires attentive ventilation of the room.
- Keep doors and windows closed. If the doors and windows remain open, room air will flow out and cause to decrease the effect of cooling and heating.
- Never place objects near the air inlet and the air outlet of the unit. It may cause deterioration in the effect or stop in the operation.
- Turn off the main power supply switch when it is not used for long periods of time. When the main power switch is turned on, some watts of electricity is being used even if the system is not operating. Turn off the main power supply switch for saving energy. When reoperating, turn on the main power supply switch 6 hours before operation for smooth running (Refer to MAINTENANCE).
- When the display shows “”, ask a qualified service person to clean the filters (Refer to MAINTENANCE).

## 8. MAINTENANCE (FOR SERVICE PERSONNEL)

### ⚠ WARNING

- Only a qualified person is allowed to perform maintenance without daily maintenance.
- Before touching any of connection wirings, be sure to turn off all power supply switches.
- For installation of optional parts, only a qualified person is allowed to do so.

Be sure to use optional parts specified by our company. Installation in your own manner may result in water leakage, electric shock or fire.

### ⚠ CAUTION

- Be sure to stop operation and turn the power switch off before cleaning the air conditioner. Otherwise, an electric shock or injury may result.
- Do not wash the air conditioner with water. Doing so may result in an electric shock.
- Consult with installation contractor for cleaning the inside of the air conditioner. Wrong cleaning may make the plastics parts broken or cause failure of water leakage or electric shock.
- Use a stable stool. Use extra cautions when cleaning the air conditioner.

⟨Maintenance and inspection⟩

- Clean the drain pan periodically. The drain pipes clogged with dust will cause water leakage.
- For cleaning, consult with your Daikin dealer. (Before each season when cooling or heating is required, clean the air conditioner.)
- If the area around the indoor unit is very dusty, use a dust-proof cover (local procurement).

⟨Cleaning the inside of the indoor unit⟩

- It is necessary to clean the inside of the indoor unit periodically. Since the cleaning requires special technologies, request a Daikin dealer to clean them.

#### Daily maintenance:

⟨Cleaning the air filter⟩

- The air filter is an optional accessory.

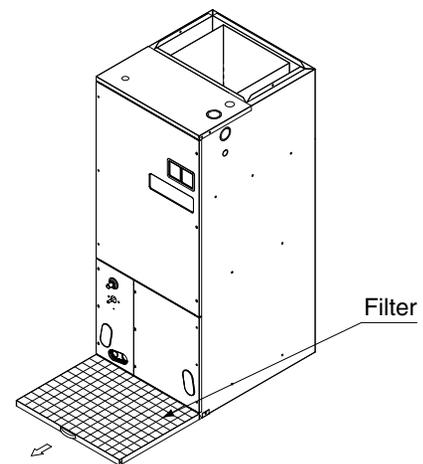
#### Explanation

- Removing the air filter except when cleaning the air conditioner may result in accidents.

- When the  mark is displayed on the remote controller, please clean the filter.
- When the operating time exceeds the designated time, this mark will be displayed.
- If using the air conditioner under very dusty environment, increase the frequency of air filter cleaning.
- When you want to change the setting time until the  mark is displayed, consult with your dealer. (The default factory setting is 2500 hours.)
- There are the following time, display pattern. 1250, 2500, 5000, 10000

## HOW TO CLEAN THE AIR FILTER

### 1. Remove the air filter.



### 2. Clean the air filter.

Use a vacuum cleaner **A** or wash the air filter with water **B**.

**A) Using a vacuum cleaner**



**B) Washing with water**

When the air filter is very dirty, use soft brush and neutral detergent



Remove water and dry in the shade.

### ⚠ NOTE

- Do not wash it with hot water of more than 120°F. Doing so may result in discoloration and/or deformation.
- Do not expose it to fire. Doing so may result in burning.

### 3. Attach the air filter.

Once cleaning is done, be sure to replace the air filter as it was.

### 4. Push the “filter sign reset” button on the remote controller.

The display “” vanishes.

## START UP AFTER A LONG STOP

### Confirm the following

- Check that the air inlet and outlet are not blocked.  
Remove any obstacle.
- Check if the earth is connected.  
Might there be a broken wire somewhere?  
Contact your dealer if there are any problems.

### Clean the air filter

- After cleaning the air filter, make sure to attach it.

### Turn on the main power supply switch

- The display on the remote controller will be shown when the power is turned on.
- To protect the unit, turn on the main power switch at least 6 hours before operation.

## WHAT TO DO WHEN STOPPING THE SYSTEM FOR A LONG PERIOD

### Turn on FAN OPERATION for a half day and dry the unit.

- Read the operation manual that came with the remote controller.

### Cut off the power supply.

- When the main power switch is turned on, some watts of electricity is being used even if the system is not operating.  
Turn off the main power supply switch for saving energy.
- The display on the remote controller will vanish when the main power switch is turned off.

### Clean the air filter and the exterior.

- Be sure to replace the air filter to its original place after cleaning. Refer to “HOW TO CLEAN THE AIR FILTER”.

## ELECTRIC HEATER REPLACEMENT INTERVAL

### The electric heater should be replaced every 10 years.

- This replacement interval is a guideline for ensuring safe and trouble-free operation of the product for many years.

## 9. 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.**

If the OPERATION lamp lights, the system is in normal condition.

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

If the OPERATION lamp lights, the system is in normal condition.

It does not restart immediately because a safety device operates to prevent overload of the system. After 3 minutes, the system will turn on again automatically.

- **The system does not start when the display shows “” and it flashes for few seconds after pressing an operation button.**

This is because the system is under centralized control. Flashes on the display indicates that the system cannot be controlled by the remote controller.

- **The system does not start immediately after the power supply is turned on.**

Wait one minute until the micro computer is prepared for operation.

### II. The fan speed is different from the setting.

- **Pressing the fan speed control button does not change the fan speed.**

- When the room temperature reaches the set temperature in heating mode, the outdoor unit stops and the indoor unit switches to whisper mode. This is to prevent the cool air from being blown directly onto anyone in the room.

- To protect electric parts, the unit operates with the airflow rate at H speed during ELECTRIC HEATER operation regardless of the remote controller indication.

### III. WHITE MIST COMES OUT OF A UNIT

- **When humidity is high during cooling operation (In oily or dusty places)**

If the inside of an indoor unit is extremely contaminated, the temperature distribution inside a room becomes uneven. It is necessary to clean the inside of the indoor unit. Ask your Daikin dealer for details on cleaning the unit. This operation requires a qualified service person.

- **When the system is changed over to HEATING OPERATION after DEFROST OPERATION.**

Moisture generated by DEFROST becomes steam and exists.

### IV. NOISE OF AIR CONDITIONERS

- **A ringing sound after the unit is started.**

This sound is generated by the temperature regulator working.

It will quiet down after about a minute.

- **A continuous flow “Shuh” sound is heard when the systems is in COOLING or DEFROST OPERATION.**

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.**

This is the noise of refrigerant caused by flow stop and flow change.

- **A continuous flow “Shah” sound is heard when the system is in COOLING OPERATION or at a stop.**

The noise is heard when the drain pump is in operation.

### V. DUST FROM THE UNITS

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

Dust absorbed by the unit blows out.

### VI. THE UNITS GIVE OFF ODORS

The unit absorbs the smell of rooms, furniture, cigarettes, etc., and then emits them.

### VII. THE LIQUID CRYSTAL OF THE REMOTE CONTROLLER SHOW “EE”

- **It happens immediately after the main power supply switch is turned on.**

This shows that the remote controller is in normal condition.

This continues temporary.

## 10. TROUBLE SHOOTING

- I. **If one of the following malfunctions occurs, take the measures shown below and contact your Daikin dealer.**

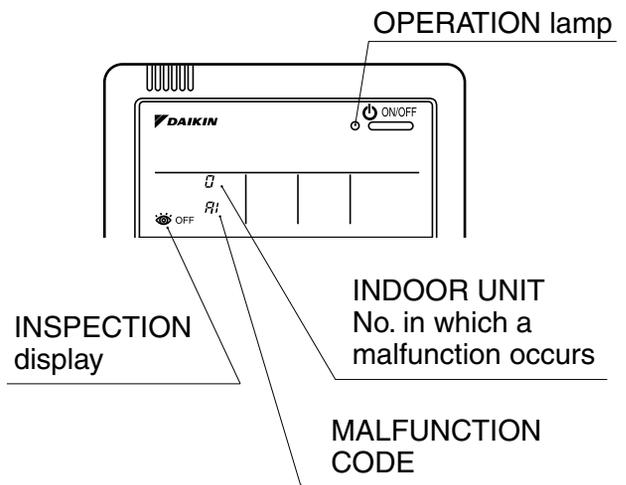
The system must be repaired by a qualified service person.

### ⚠ WARNING

**When the air conditioner is in abnormal conditions (smell of something burning, etc), unplug the power cord from the outlet, and contact your dealer**

Continued operation under such circumstances may result in a failure, electric shock, and fire.

- If a safety device such as a fuse, a breaker or an earth leakage breaker frequently actuates;  
**Measure:** Do not turn on the main power switch.
- If the ON/OFF switch does not properly work;  
**Measure:** Turn off the main power switch
- If water leaks from unit.  
**Measure:** Stop the operation.
- If the display “”, “UNIT No.”, and the OPERATION lamp flash and the “MALFUNCTION CODE” appears.

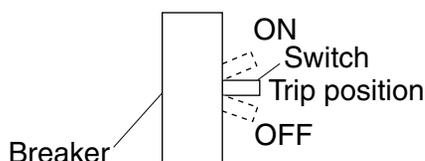


**Measure:** Notify your Daikin dealer and inform him/her of the display.

- II. **If the system does not properly operate except for the above mentioned case, and none of the above mentioned malfunctions is evident, investigate the system according to the following procedures.**

### 1. If the system does not operate at all.

- Check if there is a power failure.  
Wait until power is restored. If power failure occurs during operation, the system automatically restarts immediately after the power supply recovers.
- Check if no fuse has blown.  
Turn off the power supply.
- Check if the breaker is blown.  
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.)



### 2. If the system stops operating after operating the system.

- Check if the air inlet or outlet of outdoor or indoor unit is blocked by obstacles.  
Remove the obstacle and make it well-ventilated.
- Check if the air filter is clogged.  
Ask a qualified service person to clean the air filters (Refer to HOW TO CLEAN THE AIR FILTER).

### 3. The system operates but it does not sufficiently cool or heat.

- If the air inlet or outlet of the indoor or the outdoor unit is blocked with obstacles.  
Remove the obstacle and make it well-ventilated.
- If the air filter is clogged.  
Ask a qualified service person to clean the air filters (Refer to HOW TO CLEAN THE AIR FILTER).
- If the set temperature is not proper (Refer to ADJUSTMENT).
- If the FAN SPEED button is set to LOW SPEED (Refer to ADJUSTMENT).
- If the doors or the windows are open. Shut doors or windows to prevent wind from coming in.
- If direct sunlight enters the room (when cooling).  
Use curtains or blinds.
- When there are too many inhabitants in the room (when cooling).  
Cooling effect decreases if heat gain of the room is too large.

- If the heat source of the room is excessive (when cooling).  
Cooling effect decreases if heat gain of the room is too large.

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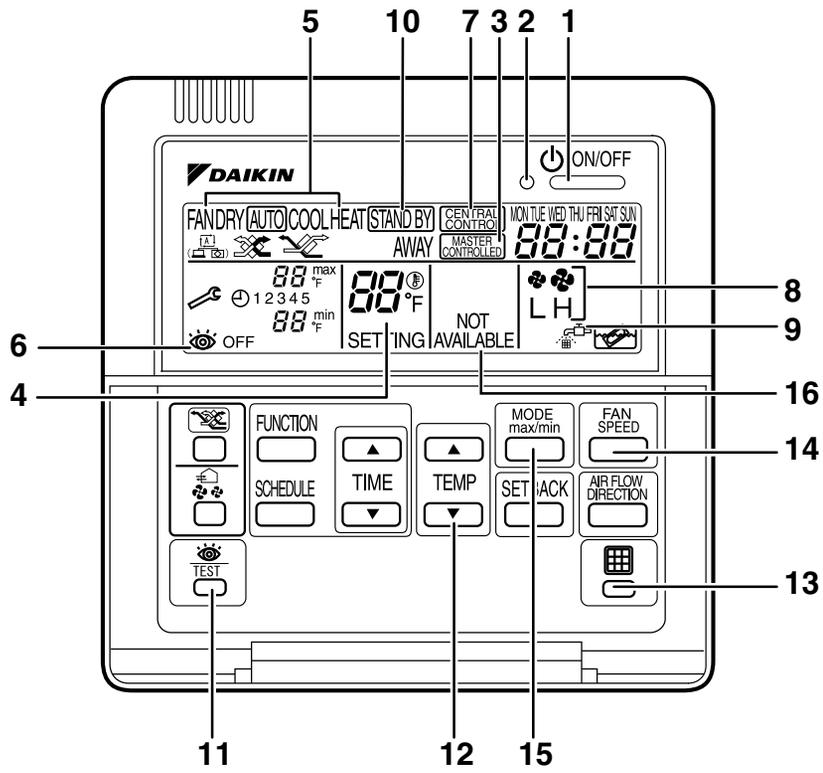
Head office:

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

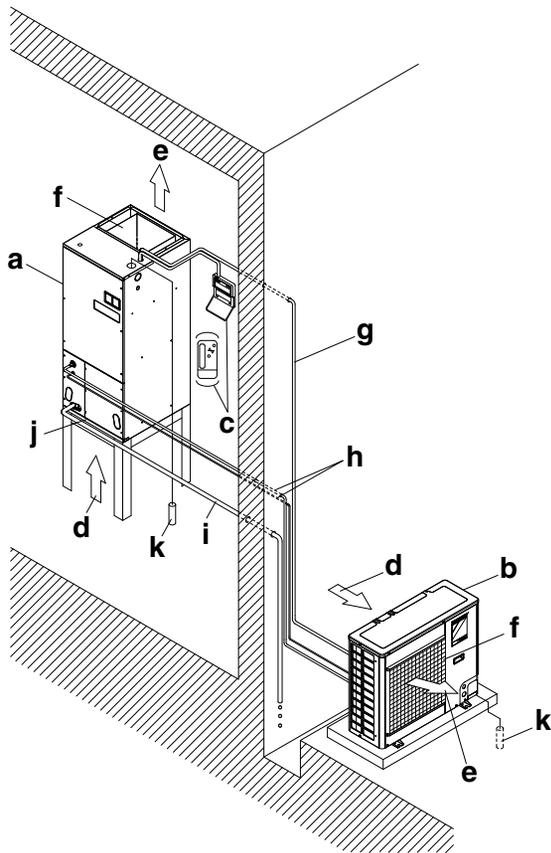
Tokyo office:

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Minato-ku, Tokyo, 108-0075 Japan

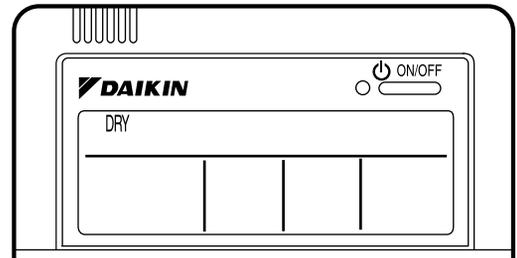




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