

OPERATION MANUAL

(The Installation Manual is on the back side.)



MODELS: FRWKL50UV163A, FRWKF50UV163A, FRWKL60UV163A
FRWKL50UV163, FRWKF50UV163

Safety Precautions

- Keep this manual where the user can easily find it.
- Read the precautions in this manual carefully before operating the unit.
- The precautions described herein are classified as **WARNING** and **CAUTION**. They both contain important information regarding safety. Be sure to observe all precautions without fail.

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

⚠ CAUTION
Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

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

• 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

- In order to avoid fire, explosion or injury, do not operate the unit when harmful, among which flammable or corrosive gases, are detected near the unit.
- Be aware that prolonged, direct exposure to cool air from the air conditioner, or to air that is too cool can be harmful to your physical condition and health.
- Do not place objects, including rods, your fingers, etc., in the air inlet or outlet. Product malfunctioning, product or injury damage may result due to contact with the air conditioner's high-speed fan blades.
- Do not attempt to repair, dismantle, reinstall or modify the air conditioner yourself as this may result in water leakage, electric shocks or fire hazards.
- Do not use flammable spray near the air conditioner, or otherwise fire may result.
- Do not use a refrigerant other than the one indicated on the window AC unit (R32) when installing, moving or repairing. Using other refrigerants may cause trouble or damage to the unit, and personal injury
- To avoid electric shocks, do not operate with wet hands.

- Beware of fire in case of refrigerant leakage. If the air conditioner is not operating correctly, i.e. not generating cool air, refrigerant leakage could be the cause. Consult your dealer for assistance. The refrigerant within the air conditioner is safe and normally does not leak.
However, in the event of a leakage, contact with a naked burner, heater or cooker may result in generation of noxious gas. Do not use the air conditioner until a qualified service person confirms that the leakage has been repaired.
- Do not attempt to install or repair the air conditioner yourself. Improper workmanship may result in water leakage, electric shocks or fire hazards. Please contact your local dealer or qualified personnel for installation and maintenance work.
- 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.

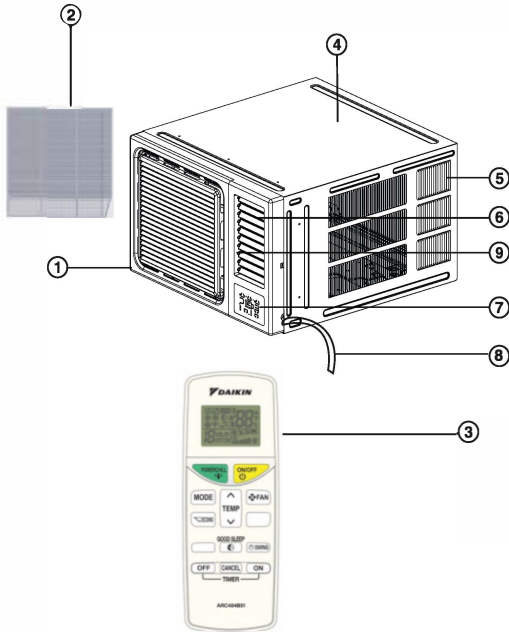
- Be sure to earth the unit. Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks.

⚠ CAUTION

- Do not use the air conditioner for purposes other than those for which it is intended. Do not use the air conditioner for cooling precision instruments, food, plants, animals or works of art as this may adversely affect the performance, quality and/or longevity of the object concerned.
- Do not expose plants or animals directly to airflow from the unit as this may cause adverse effects.
- Do not place appliances that produce naked flames in places exposed to the airflow from the unit as this may impair combustion of the burner.
- Do not block air inlets or outlets. Impaired airflow may result in insufficient performance or trouble.
- Do not sit on the window AC unit, put things on the unit, or pull the unit. Doing so may cause accidents, such as falling or toppling down, thus resulting in injury, product malfunctioning, or product damage.
- Do not place objects that are susceptible to moisture directly beneath the window AC units.
- After prolonged use, check the unit stand and its mounts for damage. If they are left in a damaged condition, the unit may fall and cause injury.
- To avoid injury, do not touch the air inlet or aluminium fins of the window AC unit.
- The appliance is not intended for use by unattended young children or infirm persons. Impairment of bodily functions and harm to health may result.
- Children should be supervised to ensure that they do not play with the unit or its remote controller. Accidental operation by a child may result in impairment of bodily functions and harm health.
- Avoid impacts to the window AC unit, or otherwise product damage may result.
- Do not place flammable items, such as spray cans, within 1 m of the air outlet.
- Be careful not to let pets urinate on the air conditioner. Urination on the air conditioner may result in electric shocks or fire.
- Do not place water containers (vases etc.) above the unit, as this may result in electric shocks or fire hazards.

- To avoid oxygen depletion, ensure that the room is adequately ventilated if equipment such as a burner is used together with the air conditioner.
- Before cleaning, be sure to stop unit operation, turn off the circuit breaker or remove the power cord. Otherwise, an electric shock and injury may result.
- Only connect the air conditioner to the specified power supply circuit. Power supplies other than the one specified may result in electric shocks, overheating and fires.
- Arrange the drain hose to ensure smooth drainage. Imperfect drainage may cause wetting of the building, furniture etc.
- Do not place objects around the window AC unit. Doing so may have an adverse influence on the performance, product quality, and life of the air conditioner.
- This appliance is not intended to be used by persons with reduced physical, sensory or mental capabilities, or with lack of operation knowledge, unless they have been given supervision or instruction concerning the appliance use by person responsible for their safety. Keep out of children's reach to ensure that they do not play with the appliance.

Name of Parts



1. **Front Grille**
2. **Air Filter**
3. **Remote Control**
4. **Cabinet**
5. **Air Inlet Grille (Outdoor Side)**
6. **Air Outlet Grille**
7. **Electronic Control Keypad**
8. **Power Supply Cord**
9. **Horizontal Deflectors**

1. Power supply cord conductors are distinguished according to color
2. For your safety and protection, this unit is earthed through the power supply cord.

Please contact the manufacturer or its service dealer or a similarly qualified person if you want to replace it.

3. This unit is earthed through the power cord. The wall outlet should be provided with reliable earth wire.
4. The unit should be provided with an individual circuit and the circuit breaker/fuse rating should be the same as that of the power supply cord and wall outlet.

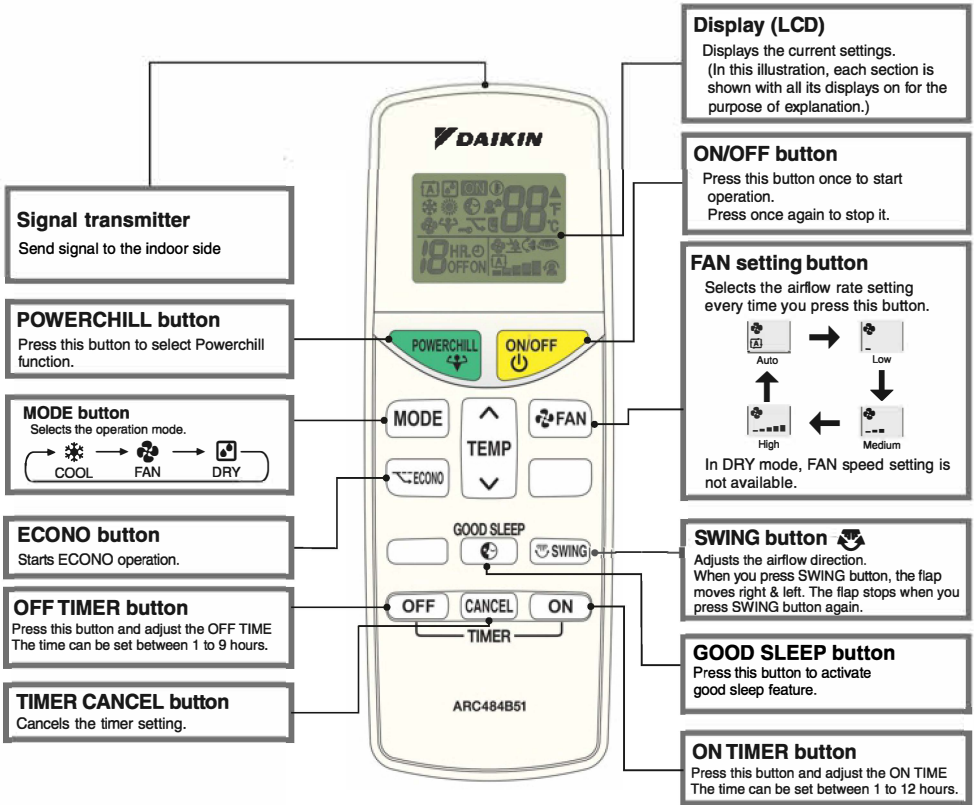
Note: Images are for representation purpose only.

FOR YOUR RECORD

Model No.

Please write model name in the box

Remote Controller



NOTE

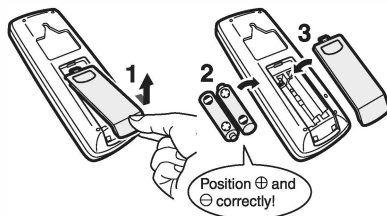
■ Notes on remote controller

- Never expose the remote controller to direct sunlight.
- Dust on the signal transmitter or receiver will reduce the sensitivity. Wipe off dust with soft cloth.
- Signal communication may be disabled if an electronic-starter-type fluorescent lamp (such as inverter-type lamp) is in the room. Consult the shop if that is the case.
- If the remote controller signals happen to operate another appliance, move that appliance to somewhere else or consult your service center

Preparation before Operation

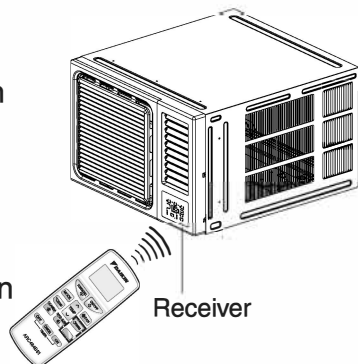
■ To set the batteries

- Remove the back cover by sliding and then slightly lifting it.
- Set 2 dry batteries (AAA).
- Return the back cover to the previous position.



■ To operate the remote controller

- To use the remote controller, aim the transmitter at the display control panel. If there is anything to block signals between the unit and the remote controller, such as a curtain, the unit will not operate.
- Do not drop the remote controller. Do not get it wet.
- The Maximum distance for communication is about 7m.



NOTE

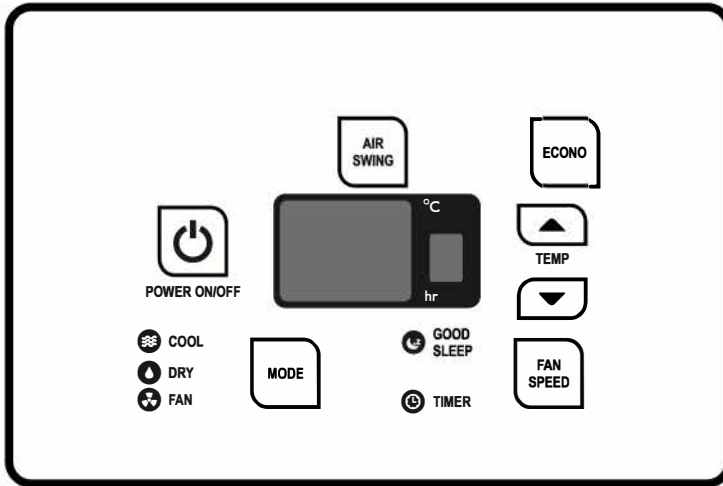
■ Tips for saving energy

- Be careful not to cool 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 outside increases the cooling effect.
- Clogged air filters cause inefficient operation and waste energy. Clean them once in about every 2 weeks.

■ Notes on batteries

- Do not use a leaking battery.
- When replacing the batteries, use batteries of the same type and replace both old batteries together.
- When the system is not used for a long time, take the batteries out.
- If the remote controller display begins to fade and the degradation of reception performance occurs within a year, however, replace both batteries with new, dry batteries (AAA).
- The attached batteries are provided for the initial use of the system. The usable period of the batteries may be short depending on the manufactured date of the air conditioner.

WRAC CONTROLLER Operation



■ GENERAL FEATURES:

- The controller receiver has following general features
- Preset temperature setting from 18°C to 32°C
- Visual indication of the system configuration using LEDs and seven segment display.
- Various modes of operation
- Wireless IR remote based controlling operations.
- Remote having the all keys fluorescent type.
- Auto Restart.

■ DISPLAY:

There are various LEDs on the Receiver board (Front display panel) to indicate the following.

- Cool: To indicate the Cool mode selection.
- Dry: To indicate the Dry mode selection
- Fan: To indicate the fan mode selection
- Good Sleep: To indicate the Good Sleep selection
- Timer: To indicate the Timer selection

Dual Digit Display

■ Dual Digit Display

The Dual digit display shows :

- Set Temperature in Cool and Dry mode.
- Blank in standby (off) mode.
- CL, dH or FA for Cool, Dry or Fan mode for 5 seconds.
- S1, S2, S3 & SA for Fan Low, Medium, High and Auto speed indication for 5 seconds.

■ Keys On The Receiver Unit:

There are various Keys on the Receiver Unit. A beep sound is heard when any key is pressed.

- ON/OFF : Switch the system on or off.
- TEMP ▲ : To Increases the set temperature.
- TEMP ▼ : To Decreases the set temperature.
- MODE : Changes the mode to Cool, Dry, Fan.
- AIR SWING : To switch On/Off the swing motor.
- FAN SPEED : This key Changes the Fan speed to High, Medium, Low or Auto.
- ECONO : To activate/deactivate the Econo operation.

Note: Vertical swing feature is not applicable for window series of models.

NOTE

■ Notes on the operating conditions

- The air conditioner always consumes a small amount of electricity even while it is not operating.
- If you are not going to use the air conditioner for a long period, turn off the circuit breaker.
- Use the air conditioner in the following conditions.

Mode	Operating conditions		If operation is continued out of this range
COOL	Outside temperature	3 Star (★★★)	<ul style="list-style-type: none"> • A safety device may work to stop the operation. • Condensation may occur on the evaporator side and drip.
		21°C ~ 52°C	
DRY	Inside temperature	24°C	
	Inside humidity	80% max.	

DRY • COOL • FAN Operation

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

■ To start operation

Press **MODE** select an operation mode.

- Each pressing of the button changes the mode setting.



■ Cool

- In this mode compressor will switch on after a delay of about three minute depending on the differential of Room Temp & Set Temperature.
- Preset temperature (from 18°C to 32°C) and fan speed (low/medium/high/auto) can be changed by the user.
- Fan Speed Can be Selected (Auto, High, Medium or Low).
- Compressor will work as per the following conditions:
 - Compressor will cut off,
If Room temperature = Preset temperature - 1.5°C or Below.
 - Compressor will cut in,
If Room temperature = Preset temperature + 1°C or Above.

■ Dry

In this mode

- Fan speed will be Auto.
- Set temperature = Room temperature - 2° C.
- Compressor works as per cool mode.

■ Fan

- In this mode, Compressor will be switched off.
- Auto, High, Medium or Low Fan speed can be selected with Fan key.

Modes of Operations

■ Default Set Temperature Setting :

As per BEE regulation, whenever Air Conditioner will be switched ON from the remote, the default set temperature will be set as mentioned in below table:

Mode	Set temperature befor remote switched OFF	Set temperature after remote switched ON
Cool	If set temperature < 24°C	Default set temperature will be 24°C.
	If set temperature >= 24°C	Default set temperature will remain same as set prior to remote switched OFF.

Note:

Whenever AC is switched OFF in dry mode and is switched ON from remote, air conditioner will start in Cool mode and then DRY mode selection can be done using the MODE button.

NOTE

■ Note on COOL operation

- This air conditioner cools the room by releasing heat in the room outdoors. Therefore, cooling performance may fall in higher outdoor temperatures.

■ Note on DRY operation

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

■ Note on FAN operation

- This mode is valid for fan only.

■ Recommended temperature setting

- For cooling: 26-28°C

Additional Features

■ Auto fan speed

While increasing room temp in Cool Mode:

- Low fan change to medium when room temp. \geq set temp. + 2°C.
- Medium fan change to high when room temp. \geq set temp. + 4°C.



While decreasing room temp in Cool Mode:

- High fan change to medium when room temp. \leq set + 3°C
- Medium fan change to low when room temp. \leq set temp + 1°C.



■ ECONO Operation

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



To start ECONO operation

Press  during operation.
"  " is displayed on the LCD.

To Cancel ECONO operation

Press  again.
"  " is disappears from the LCD.

Notes on ECONO Operation

- ECONO operation can only be set when the unit running. Pressing  causes the setting to be cancelled, and "  " disappears from the LCD.
- ECONO operation function in COOL and DRY operation.
- POWER CHILL and ECONO operation cannot be used at the same time.
- Priority is given to the function of whichever button is pressed last.
- This Operation is performed with lower power and therefore may not provide a sufficient cooling effect.





■ Delay Time

- Compressor will take about 3 min time delay when ON/OFF button is pressed soon after operation is stopped or the mode is reselected.
- Compressor will take about 3 minutes time delay after power ON from mains power supply.

■ Child Lock

Setting the CHILD LOCK disables all the buttons except the CHILD LOCK button. This function prevents children from operating the remote controller by mistake.

To set the Child Lock

- Press  and  together for about 5 seconds.
- “” will be displayed on the remote LCD.
- If a button is pressed while CHILD LOCK is on, “” blinks.

To cancel the Child Lock

Press  and  together for about 5 seconds again.


“” Disappears from the LCD.

■ POWER CHILL Operation

POWER CHILL operation quickly maximises the cooling effect. In this mode, the air conditioner operates at maximum capacity.

To Start POWER CHILL operation

Press 

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

To cancel POWER CHILL operation

Press  again.

- “” disappears from the LCD.

■ Notes on POWER CHILL operation

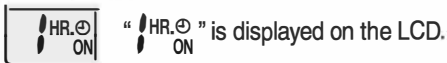
- When using POWER CHILL operation, there are some functions which are not available.
- POWER CHILL operation can only be set when the unit is running.
- POWER CHILL operation will not increase the capacity of the air conditioner if the air conditioner is already in operation with its maximum capacity demonstrated.
- Identification of Power Chill : When power chill operation is set, unit display will show S3 for 5 seconds and user can not change temperature.

■ TIMER Operation

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

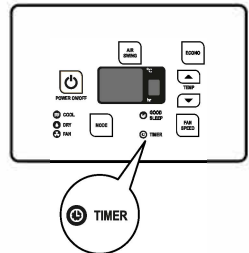
To use ON TIMER operation

Press **ON** .



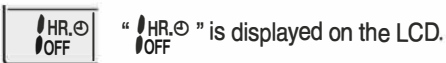
Each pressing of **ON** changes the time setting by 1 hour. The time can be set between 1 and 12 hours.

- The TIMER lamp lights orange.



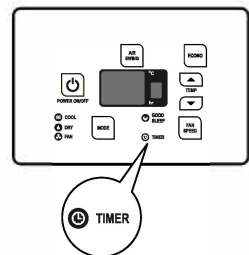
To use OFF TIMER operation

Press **OFF** .



Each pressing of **OFF** changes the time setting by 1 hour. The time can be set between 1 and 9 hours.

- The TIMER lamp lights orange.



To cancel TIMER operation

Press **CANCEL** .

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

Additional Features

■ To combine ON TIMER and GOOD SLEEP OFF TIMER

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



NOTE

■ Note on TIMER operation

- Once you set ON / GOOD SLEEP OFF TIMER, the time setting is kept in the memory. The memory is cleared when the remote controller batteries are replaced.


■ In the following cases, set the timer again.

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

■ GOOD SLEEP Operation

To use GOOD SLEEP OFF TIMER operation.

Press  during COOL operation.

- “ °C ” blinks for a few seconds.
- The temperature shift value (default: 2) is displayed on the LCD for a few seconds.
- “”, “OFF” and the stop time (default: 2HR.) are displayed on the LCD.
- The GOOD SLEEP lamp lights orange.

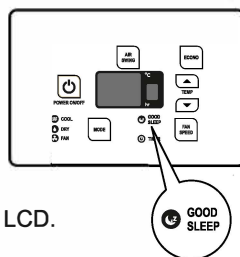
Press  while “ °C ” is blinking.

- Each pressing of the button changes temperature shift value by 1°C. You can specify a temperature shift value between +1°C and +5°C.

Press  while “ °C ” is blinking.

- Each pressing of the button changes the time setting.


The time can be set between 1 and 9 hours. 1 hour...→ 9 hours → OFF



Additional Features

To cancel GOOD SLEEP OFF TIMER operation

Press **CANCEL**

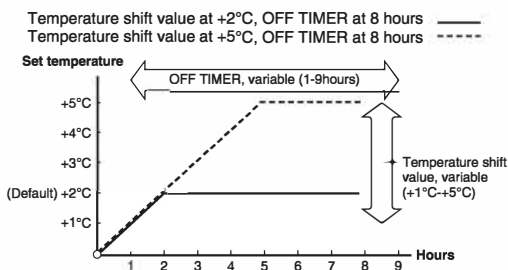
- “”, “OFF ” and the stop time indication disappear from the LCD.
- The GOOD SLEEP lamp goes off.

NOTE

■ Notes on GOOD SLEEP TIMER operation

- The set temperature increases by 0.5°C in 30 minutes until the total increase reaches the specified shift value. There is no function for heating the room.

EXAMPLE



Troubleshooting

1

Check the following points before calling for repairs or service if the malfunction persists, Please contact Daikin Authorized Service Centre.

Case 1. If the unit is too noisy during operation.

The following sounds are normal during operation:

- A low humming sound indicating that the unit is operating.
- A soft clicking sound when the compressor turns on and off.
- A flowing sound due to circulation of the refrigerant when the compressor is turned on.
- A splashing sound indicating condensed water splashing on the condenser coil.

If you hear other noises please consult Daikin Authorized Service Centre.

Case 2. If the unit does not operate

- The main power cord is not plugged in.
- The main circuit breaker has tripped.
- Remote control batteries are weak.

Case 3. If water drips off the rear of the unit.

- Humidity is high.
- Condensed water is overflowing.
- To rectify the problem, mount an optional drain pan to the unit

Case 4. If water drips inside the room.

- The unit is tilted inward. To rectify this, tilt the unit slightly outward.
- Mount the optional drain pan if you prefer.
- The drain pan may be blocked.

Case 5. Operation stopped suddenly

- To protect the system, the air conditioner may stop operating after sudden large voltage fluctuations.
- It automatically resumes operation in about 3 minutes.
- Voltage Range Protection: 145V~275V

Case 6. The indoor unit gives out odour

- The room odour absorbed in the unit is discharged with the airflow. We recommend you to have the indoor unit cleaned. Please consult your service centre.

Troubleshooting 3

Check again

Please check again before requesting repairs.

Case	Explanation
The air conditioner does not operate.	<ul style="list-style-type: none"> • Has the circuit breaker been tripped or the fuse blown? • Is there a power failure? • are batteries set in the remote controller? • Is the timer setting correct?
The room does not cool down.	<ul style="list-style-type: none"> • Is the airflow rate setting appropriate? If the air flow rate setting is too low, increase it. • Is the set temperature appropriate? • Is the adjustment of the airflow direction appropriate? • Are the air filters dirty? • Is there anything blocking the air inlet or air outlet of the indoor unit or outdoor unit? • Is a window or door open? • Is the air conditioner in ECONO operation or GOOD SLEEP OFF TIMER operation?
Operation stops suddenly.	<ul style="list-style-type: none"> • Are the air filters dirty? Clean the air filters. • Is there anything blocking the air inlet or air outlet of the indoor unit or outdoor unit? Stop operation and after turning off the circuit breaker, remove the obstruction. Then restart operation with the remote controller. If the front panel display is still blinking then check the error code and consult your service center. • If front panel display stop blinking after the above steps, there is no malfunction.
An abnormal functioning happens during operation.	<ul style="list-style-type: none"> • The air conditioner may malfunction with lighting or radio wave. Turn off the circuit breaker, turn it on again and try operating the air conditioner with the remote controller.

Troubleshooting

Call your service centre immediately.

⚠ WARNING

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

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

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



Turn off the circuit breaker and call your service centre.

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

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

Disposal requirements



Your air conditioning product is marked with this symbol. This means that electrical and electronic products shall not be mixed with unsorted household waste.

Do not try to dismantle the system yourself: the dismantling of the air conditioning system, treatment of the refrigerant, of oil and of other parts must be done by a qualified installer in accordance with relevant local and national legislation.

Air conditioners must be treated at a specialized treatment facility for re-use, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health. Please contact the installer or local authority for more information.

Batteries must be removed from the remote controller and disposed of separately in accordance with relevant local and national legislation.

Fault diagnosis by remote controller

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

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

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

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

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

NOTE

- When “00” is removed from remote and “00” is present at unit display, then it can be removed by pressing temperature up and down button from remote.
- A short beep indicates non-corresponding codes.
- To cancel the code display, hold down **CANCEL** for about 5 seconds (for remote display).
The code display also cancels itself if the button is not pressed for 1 minute (For unit and remote display).

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DAIKIN ROOM AIR CONDITIONER INSTALLATION MANUAL

SAFETY PRECAUTIONS

- 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.
- Meaning of WARNING and CAUTION notices.





 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.

The safety marks shown in this manual have the following meanings:


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

- After completing Installation, conduct a trial operation to check for faults and explain to the customer how to operate the air conditioner and take care of it with the aid of the operation manual.

WARNING

- Ask your dealer or qualified person to carry out installation work. Do not attempt to install the air conditioner yourself. Improper installation may result in water leakage, electric shocks or fire.
- Install the air conditioner in accordance with the instructions in this installation manual. Improper installation may result in water leakage, electric shocks or fire.
- Be sure to use only the specified accessories and parts for installation work. Failure to use the specified parts may result in the unit falling, water leakage, electric shocks or fire.
- Install the air conditioner on a foundation strong enough to withstand the weight of the unit. A foundation of insufficient strength may result in the equipment falling and causing injury.
- Electrical work must be performed in accordance with relevant local and national regulations and with instructions in this installation manual. Be sure to use a dedicated power supply circuit only. Insufficiency of power circuit capacity and improper workmanship may result in electric shocks or fire.
- Do not use tapped wires or an extension lead, as this may cause overheating, electric shocks or fire.
- Do not turn on the unit by inserting the power plug. Do not switch off the unit by pulling out the power plug.
- If refrigerant gas leaks during installation, ventilate the area immediately. Toxic gas may be produced if the refrigerant comes into contact with fire. 
- Do not insert your fingers or other objects into the unit, rotating parts may cause injury. 
- Be sure to earth the air conditioner. 
- Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead. Imperfect earthing may result in electric shocks. 
- Be sure to install an earth leakage circuit breaker. Failure to install an earth leakage circuit breaker may result in electric shocks or fire.

CAUTION

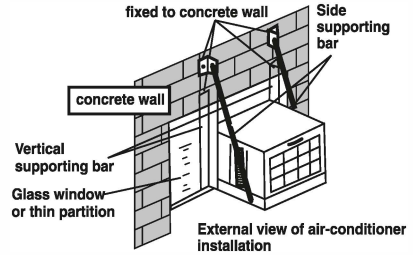
- Do not install the air conditioner at any place where there is a danger of flammable gas leakage. In the event of a gas leakage, build-up of gas near the air conditioner may cause a fire to break out. 
- Do not splash or direct water at the unit
- Do not block the air intake and outlet vanes.
- Do not expose the unit to direct sunlight during operation.

WINDOW AC UNIT INSTALLATION GUIDELINES

INSTALLING THE UNIT

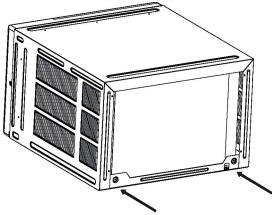
For testing purpose and enhanced performance use the Installation guidelines given below

- The unit should be inclined 15-20mm (0.6-0.8 Inches) towards the back for optimum performance
- For optimum performance drain should be plugged.

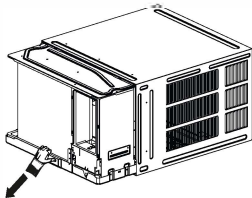


INSTALLATION PROCEDURES

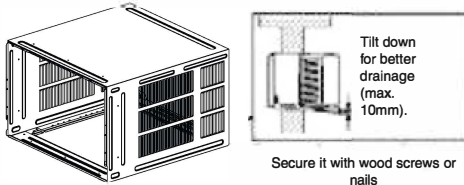
1. Remove the cabinet screws from rear side.



2. Slide the chassis out from the cabinet.

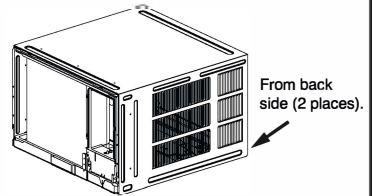


3. Place cabinet into the installation hole.

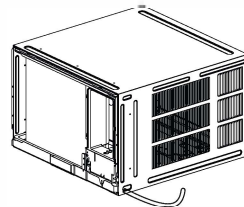


4. Slide the chassis into the cabinet.

5. Lock the chassis to the cabinet with screws.

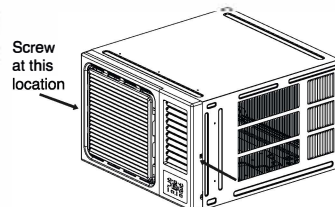


6. Depending upon the location of the AC outlet, route the AC cord to either left or right side while installing the front grill.



This figure shows the AC cord routed to the right side.

7. Attach the front grill to the cabinet and fasten it with screws.



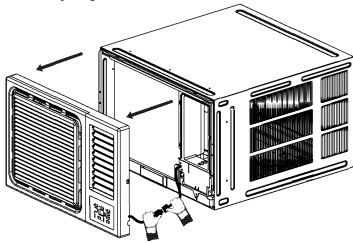
ACCESSORIES

Ⓐ ~ Ⓒ

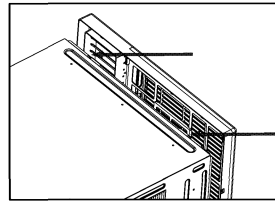
Part	Qty	Part	Qty
Ⓐ Fixing Screw M4x10	2	Ⓕ Drain Pan (Drip Tray)	1
Ⓑ Wireless remote controller	1	Ⓖ Rear Side Drain Cap	1
Ⓒ Operation/Installation manual	1		
Ⓓ E-waste (guidelines)	1		
Ⓔ Product warranty	1		

INSTALLATION OF FRONT GRILL

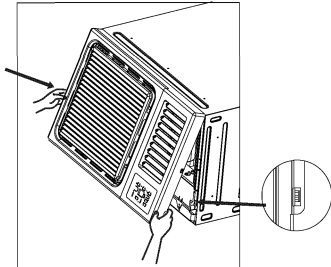
1. IDU PCB harness needs to be connect with display PCB.



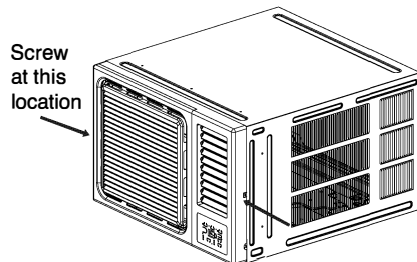
2. Then put the lock on the top of front grill with the cabinet.



3. Then close the left and right side locks of front grill with the cabinet.



4. Then tighten the screw from left and right side of front grill.



CONDENSED WATER DRAINAGE

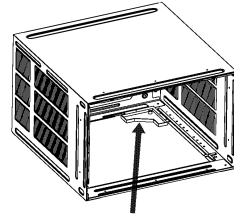
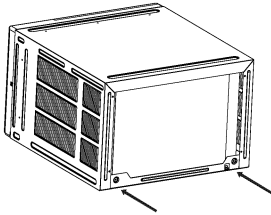
DRAIN WATER

To achieve maximum cooling efficiency, the air conditioner is designed to splash the condensation water on the condenser coil.

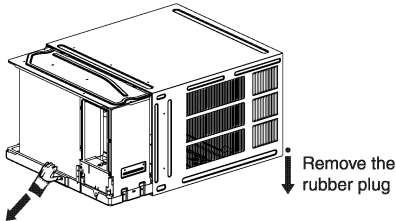
In order to avoid the splashing sound, an external drain can be provided by using the following procedure. This may however cause a small loss of performance.

1. Remove the cabinet screws from rear side.
2. Slide out the chassis from the cabinet.
3. Remove the rubber plug from the body base plate.
4. Install the drain pan at the corner of the cabinet.
5. Connect the drain hose to the outlet on the bottom of the drain pan.
6. Slide the chassis into its original place in the cabinet.

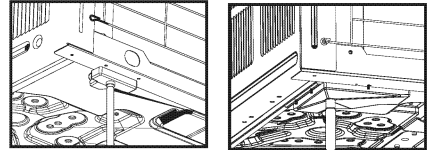
1. Remove the cabinet screw from rear side.
4. Install the drain pan at corner of cabinet.



2. Slide out the chassis from the cabinet.



5. Connect the drain hose with the drain pan.

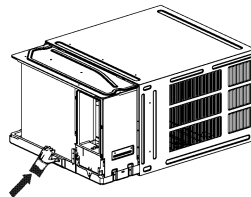


External View

Note: Drain hose or tubing can be purchased locally to satisfy your particular needs.

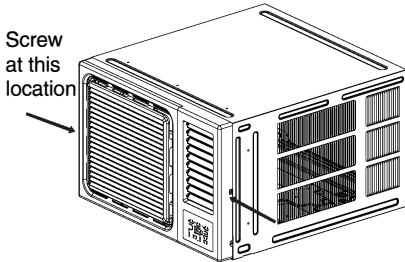
3. Remove the rubber plug from the body base plate .

6. Slide off the chassis back into the cabinet and screw the chassis with the cabinet.

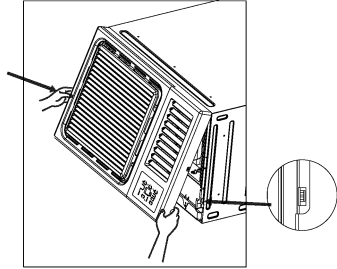


REMOVAL OF FRONT GRILL

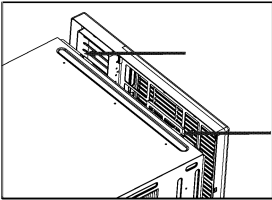
1. Open the screw from left and right side of front grill.



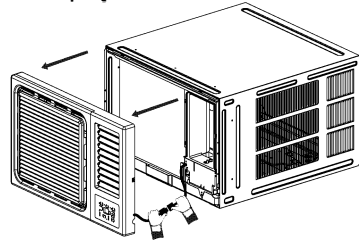
2. Remove the front grill.
Then open the left and right side locks of front grill with the cabinet.



3. Then open the top side locks of front grill with the cabinet.



4. After removal of front grill, IDU PCB harness needs to be removed from display PCB.



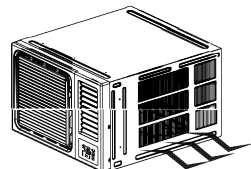
Noise Consideration

Select an installation location that can support the weight of the air conditioner and one that will not cause increased operating noise and vibration.

Ensure that airflow and noise from the rear side of the unit (outdoor) when installed do not disturb neighbouring residents. Obstacles placed in front of the air outlet on the rear side of the unit (outdoor), or covers placed over it will cause excessive noise and deterioration in performance.

Transferring

Repositioning or transfer of the air conditioner due to renovation or moving requires an additional service charge. Please consult your dealer before moving.



- Always use at the rated voltage and with a specific air conditioning circuit.
- This equipment must be earthed and strongly recommended to be installed with Earth Leakage Circuit Breaker (ELCB) or Residential Current Device (RCD). Otherwise, it may cause electric shock or fire in case of malfunction.
- The power supply must be from an independent circuit.
- All electrical installation must be made in accordance with local wiring and safety regulation wherever applicable.
- There must be a double pole switch with a minimum of 3.5mm contact gap in the fixed installation circuit.
- Please engage an authorized dealer or specialist for the installation work.

CARE & CLEANING

CAUTION

- Before cleaning, be sure to stop the operation and turn off the circuit breaker.
- Do not touch the aluminium fins of the Indoor unit. If you touch those parts, this may cause an injury.
- When removing or attaching the front panel, stand on a solid, stable base and take care not to fall.
- When removing or attaching the front panel, support the panel securely with your hand to prevent it from falling.

- Wipe the cabinet, front grill with a soft damp cloth, only neutral detergent may be used
- The front intake grill can be easily removed for cleaning purpose (refer to Remove the front intake grill procedure). Gently wash with water and a sponge.
- The filter can be easily cleaned using a vacuum cleaner. Vacuum the front of the filter and then wash the rear with water. If it is badly soiled, wash with a mild household detergent.
- Do not clean with benzene, thinner, scouring powder or cloth soaked in caustic chemical.
- If the unit is extremely dirty, heat transfer is less efficient and the unit may not cool effectively.
- If the air filter becomes clogged with dust, the cooling capacity will drop and more electricity will be used to operate the air conditioner.

NOTE:

Do not dry the front panel or the air filter in direct sunlight. (Exposure to direct sunlight may discolour or deform the panel.)

■ PRE-SEASON INSPECTION

- Is the discharged air cold?

After 15 minutes of operation, it is normal for the temperature difference between intake and outlet air to be more than 8°C for cooling.

- Are the air intake and outlet vanes of the indoor and outdoor side obstructed ?
- Are the remote control batteries weak ?

■ RECOMMENDED INSPECTION

- Usage over several seasons will reduce performance as the unit becomes dirty.
- A dirty unit may produce foul odours and dust may clog the dehumidifying drainage.
- Seasonal inspection is recommended in addition to regular cleaning.
- Consult Daikin Authorized Service Centre.

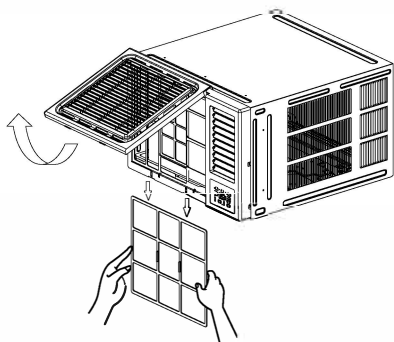
NOTE

For cleaning, do not use any of the following:

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

CLEANING OF AIR FILTER

1. Lift up the inlet grill and pull out the air filter as shown below.

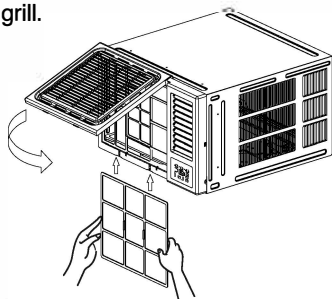


2. Wash the air filter with water or clean them with a vacuum cleaner.

- If the dust does not come off easily, wash them with neutral detergent thinned with lukewarm water, then let them dry in the shade.
- It is recommended to clean the air filter in every 2 weeks.



3. After cleaning the air filter reattach the filter inside the front grill and then lock the inlet grill.



■ Prior to a long period of non-use

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

- 1) Press **MODE** and select FAN operation. 2) Press **ON/OFF** and start the operation.

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

3. Clean the air filters and set them again.

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

We recommend periodical maintenance.

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

■ How to set the different addresses.

When 2 window inverter units are installed in one room, the 2 wireless remote controllers can be set for different addresses. Change the address setting of one of the two units. When cutting the jumper (J4) be careful not to damage any of the surrounding parts.

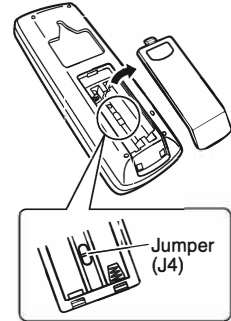
1) Remove the battery cover on the remote controller and cut the address jumper (J4).


2) Press  ,  and  at the same time.

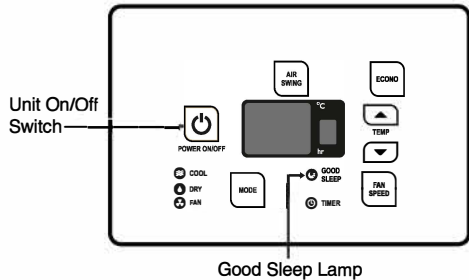
3) Press  , select  , press  .

(The good sleep lamp on front panel display will blink for about 1 minute).

4) Press the indoor unit ON/OFF switch while the GOOD SLEEP lamp is blinking.



- If setting could not be carried out completely while the GOOD SLEEP lamp was blinking, carry out the setting process once again from the beginning.
- After setting is complete, pressing  for about 5 seconds will cause the remote controller to return to the previous display.



PROTECT THE ENVIRONMENT FROM E-WASTE (GUIDELINES)

Meaning of E-waste under E-Waste (Management) Rules,2022 (E-waste Rules)
-Waste electrical and electronic equipment, whole or in part of reject from their manufacturing and repair process, which are intended to be discarded.

Our product is RoHS compliant.

**Don't dump Electrical and Electronic Products in Garbage Bins****DO'S & DONT'S**

DO'S	
Run and maintain the air conditioner as per the instructions given in the operation / instruction manual	✓
Ensure that an authorised person repairs your air conditioner	✓
Call our local authorised dealer or our toll free number to dispose your air conditioner	✓
Contact an authorised dealer in case of installation or de-installation	✓
Consult our local authorised dealer or our toll free number on the life span of the air conditioner	✓
DONT'S	
Do not try to repair your air conditioner on your own	✗
Do not sell or dispose your air conditioner or parts to an unauthorised Kabbadi wala / Scrap Dealer / Ragpickers	✗
Do not dismantle your air conditioner on your own	✗
Do not get your air conditioner or any parts repaired by an unauthorised person	✗
Do not dispose off the E-waste in landfills	✗
Do not use the air conditioner as furniture after its use	✗

Customer Contact Center : 011-4031 9300/1860-180-3900
For further information visit us at www.daikinindia.com