

OPERATION MANUAL

(The Installation Manual is on the back side.)



Safety Precautions

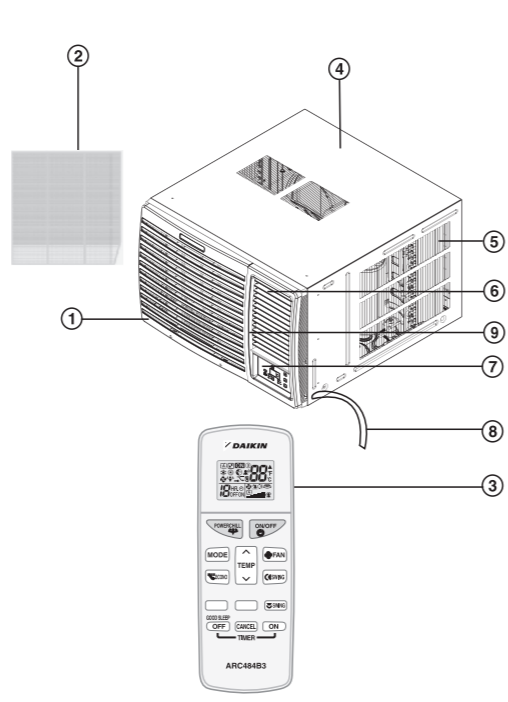
- Keep this manual where the user can easily find it.
 - Read the precautions in this manual carefully before operating the unit.
 - The precautions described herein are classified as **WARNING** and **CAUTION**. They both contain important information regarding safety. Be sure to observe all precautions 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.

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 adjacent to the air outlet grille. The unit as this may impair combustion of the burner. The unit as this may impair combustion of the burner.
- Do not place objects that are susceptible to moisture directly beneath the window AC unit.
- 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 to 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 conditioner.
- The 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 and 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 fire.
- Arrange the drain hose to ensure smooth drainage. Imperfect drainage may cause wetting of 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.

Read before Operation

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. Vertical Vane

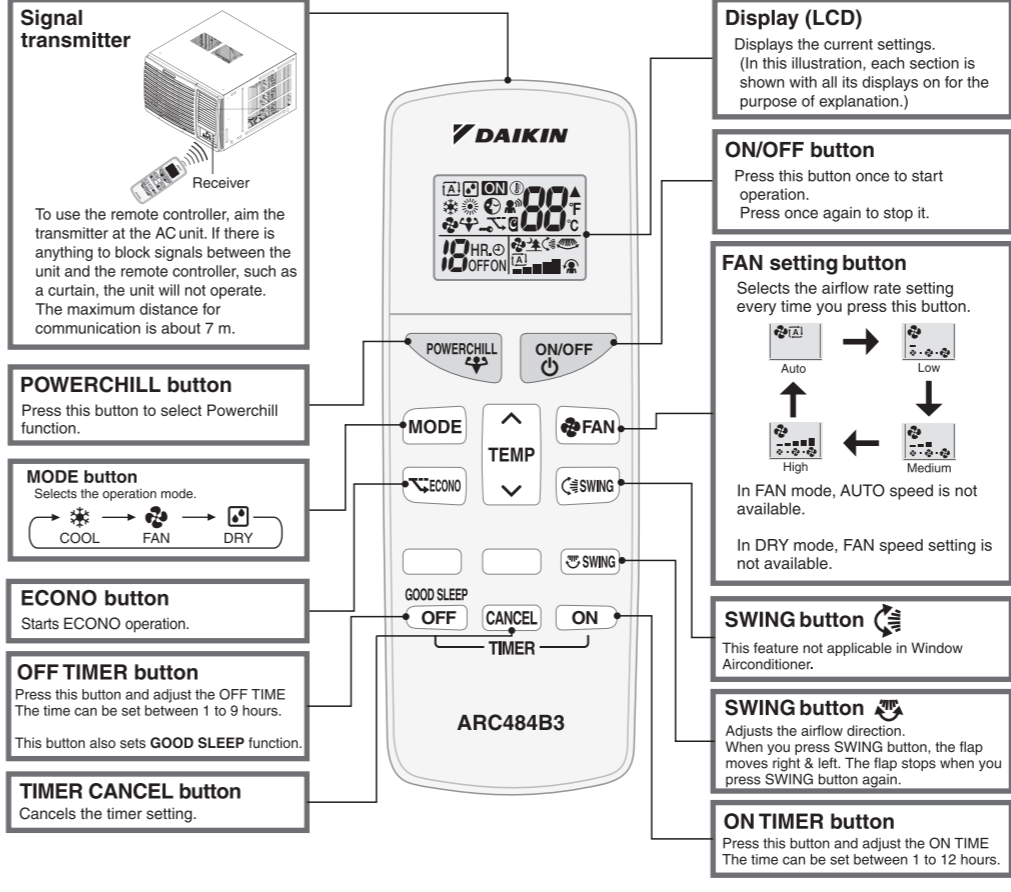
1. Power supply cord conductors are distinguished according to color
2. For your safety and protection, this unit is earthed through the power supply cord.

3. Please contact the manufacturer or its service dealer or a similarly qualified person if you want to replace it.
4. This unit is earthed through the power cord. The wall outlet should be provided with reliable earth wire.
5. 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.

FOR YOUR RECORD
Model No. _____
Please write model name in the box

Read before Operation

Remote Controller



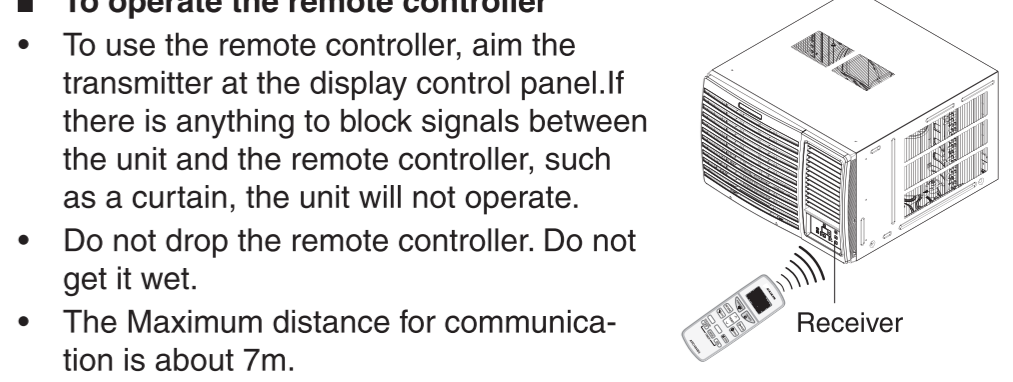
NOTE

- 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 the shop.

Read before Operation

Preparation before Operation

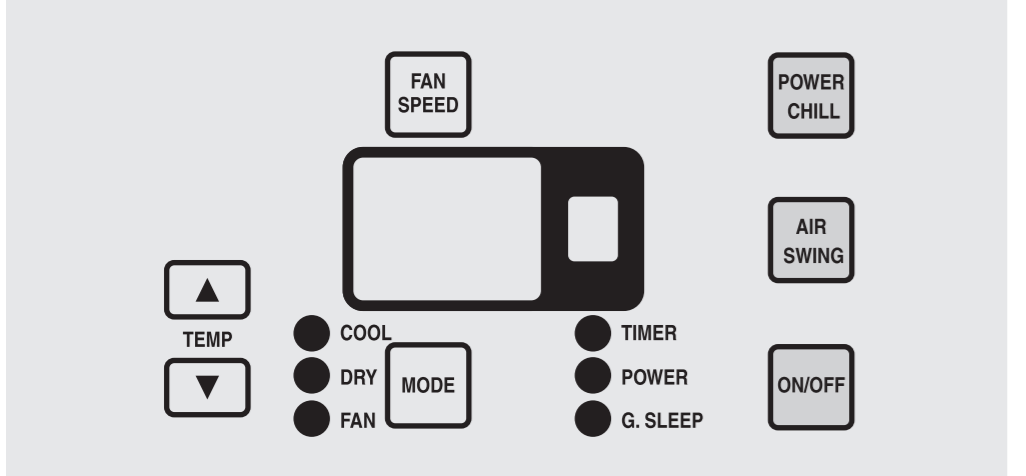
- To set the batteries
- Remove the back cover by sliding and then slightly lifting it.
- Set 2 dry batteries (AAA).
- Return the back cover to the previous position.



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).

Operation 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.
 - Power:** To indicate Supply in System. This led will glow in standby mode & will remain Off in all other modes.
 - Cool:** To indicate the Cool mode selection.
 - Dry:** To indicate the Dry mode selection
 - Fan:** To indicate the fan mode selection
 - G.Sleep:** To indicate the Good Sleep selection
 - Timer:** To indicate the Timer selection

Operation Dual Digit Display

- DUAL DIGIT DISPLAY:**
The Dual digit display shows :
 - Set Temperature in Cool, Dry and fan mode.
 - Blank in standby (off) mode.
 - 'ES' will appear on the display for 5 second in Energy saver Mode
 - 'PU' will appear on the display for 5 when the powerchill function gets enabled.
 - F1, F2, F3 and FA for Fan Low, Med, High and Auto speed indication.
- ERROR CODES:**
 - 'C9' with Set temperature (toggle after 4 sec) when Room Sensor Short or Open.
 - 'C4' with Set temperature (toggle after 4 sec) when Coil Sensor Short or Open.
 - 'AS' for the defrost operation (As per Defrost Logic explained)

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 18.4°C - 50°C	3 Star (★★★★) 5 Star (★★★★★) 19.4°C - 50°C
DRY	Inside temperature 24°C	• A safety device may work to stop the operation. • Condensation may occur on the evaporator side and drip.
	Inside humidity	80% max.

Operation Modes of Operations

- Various modes of operation of the unit are as follows:
- Cool**
 - Dry
 - Fan
 - Cool**
 - In this mode compressor will switch on after a delay of three minute depending on the differential of Room Temp & Set Temperature.
 - Cool LED blinks during the ON delay time of the compressor.
 - Preset temperature (from 18 to 32°C) and fan speed (low/medium/high/auto) can be changed by the user.
 - Fan Speed Can be Selected (Fan auto, High, Medium or Low).
 - Compressor will work as per the following conditions:
 - Compressor will cut off,
If Room temperature = Preset temperature - 1°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 (Always low) & can't be changed.
 - Preset temperature is fixed (24 °C) & can't be changed.
 - Compressor works as per cool mode.
 - Fan**
 - In this mode, Compressor will be switched off.
 - High, Medium or Low Fan speed can be selected with the transmitter or Fan key.
 - Preset temperature is fixed (25 °C) & can't be changed.

Operation 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 before 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.

Operation Additional Features

- Auto fan speed (In cool & dry mode only)**
While increasing room temp in Cool Mode:
 - Low fan change to medium when room temp. ≥ set temp. + 2°C.
 - Medium fan change to high when room temp. ≥ set temp. + 4°C.
 While decreasing room temp in Cool Mode:
 - High fan change to medium when room temp. ≤ set +2°C
 - Medium fan change to low when room temp. ≤ set temp.
 Fan speed (low) is fixed with below logic in Dry mode
 - If compressor continuously run for 20 minute with low fan speed then fan speed will change to medium for 5 minute (display will show auto speed at this time) and after 5 minute fan speed will again change to low.
- Energy saver (ECONO MODE)**
 - Energy saver can only be selected in cool mode.
 - Set Temp becomes 25°C. Fan Speed is changeable.
 - Energy saver can be cancelled by the following actions:
 - By pressing ES key again.
 - By pressing UP/ DOWN key.
 - By pressing POWERCHILL key.
 - By pressing ON/OFF key.
 - BY pressing OFF timer key.
 - Compressor will work as per the following conditions
Compressor will cut off-If Room temperature = Preset temperature - 1°C or Below.
Compressor will cut in-If Room temperature = Preset temperature + 1°C or Above
- Delay Time**
 - Compressor will always take 3 min time delay after switching off compressor, it required for compressor protection.
 - Compressor will always take 3 min time delay after Power on from MAINS.
 This can be bypassed by pressing Powerchill key, only once after Mains Power ON.

Operation Additional Features

- 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 **ECONO** and **POWERCHILL** 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 **ECONO** and **POWERCHILL** together for about 5 seconds again.
" " Disappears from the LCD.
- G.Sleep**
Good Sleep function will get enabled when the timer off will be ON. Total 2 degree preset temperature will increment in 2 hour (1 degree in 1 hour). Good Sleep can be cancelled by the following actions:
 - By pressing CANCEL key
 - By pressing ES key
 - By pressing ON/OFF key.
 If energy saver is set before pressing sleep key, sleep function will not activate.
- Powerchill**
By pressing this key, Compressor will turn ON instantly bypassing delay time (only once after power on) if room temperature > Preset temperature. Fan will run at high speed in cool mode & auto speed in dry mode. If Powerchill key will press again, only fan speed will get changed. Powerchill can be cancelled by the following actions:
 - By pressing POWERCHILL key again.
 - By pressing ON/OFF key.
 - BY pressing ENERGY SAVER key.

Troubleshooting

- 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.
 - As splashing sound indicating condensation in 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.

Troubleshooting

- Case 5. If the unit does not cool properly.**
 - The room is too big for the unit's cooling capacity.
 - The air circulation is impeded by curtains or furniture.
 - 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.
- To call Daikin Authorized Service Centre, IMMEDIATELY turn off the power and contact Daikin Authorized Service Centre as soon as any of following events occur.

 - The Circuit breaker frequently trips or the fuse blows regularly.
 - If water or foreign objects have accidentally entered the air conditioner.
 - If there is abnormal sound during operation.
- NOTE**
 - The enclosure opposing the room side is splash proof.
 - Do not install this appliance in laundry room or other locations where water may drip from the ceiling, etc.
 - If the supply cord is damaged or need to be replaced, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid any hazard.

DAIKIN 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.
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- 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

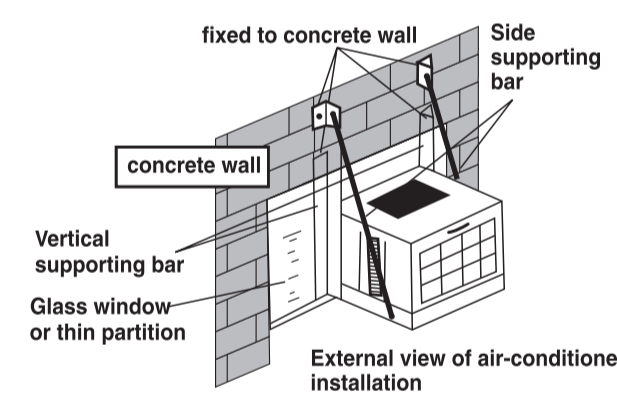
- Do not install the air conditioner at any place where there is a danger of flammable gas leakage. In the event of a gas leakage, build-up of gas near the air conditioner may cause a fire to break out.
- Do not splash or direct water at the unit.
- Do not block the air intake and outlet vanes.
- Do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



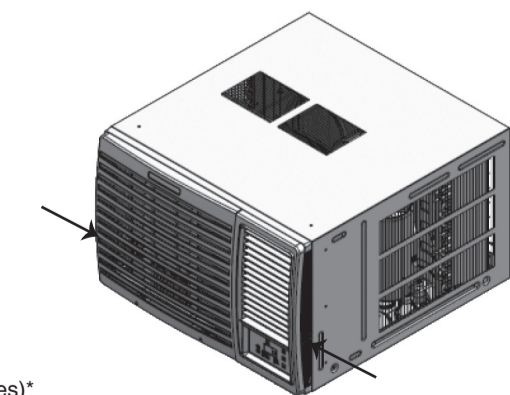
INSTALLATION PROCEDURES

- Remove the cabinet screws.
- Slide the chassis out from the cabinet.
- Place cabinet into the installation hole.
- Slide the chassis into the cabinet.
- Lock the chassis to the cabinet with screws.
- Depending upon the location of the AC outlet, route the AC cord to either left or right side while installing the front grille.
- Attach the front grille to the cabinet and fasten it with screws.



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

- Attach the front grille to the cabinet and fasten it with screws.



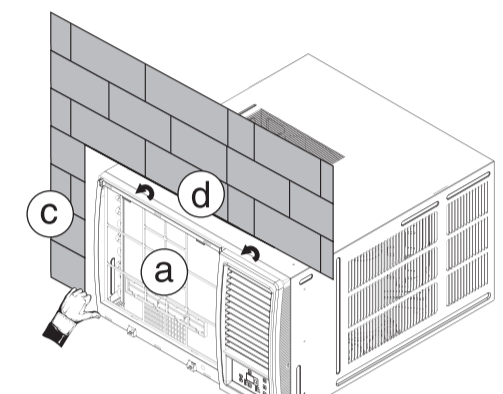
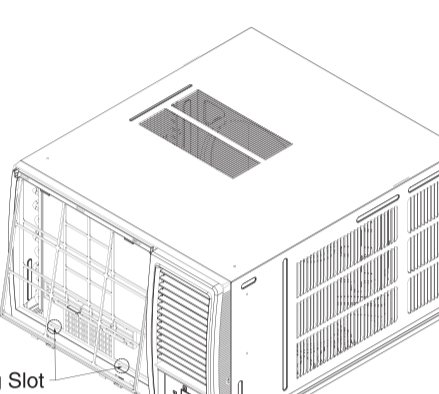
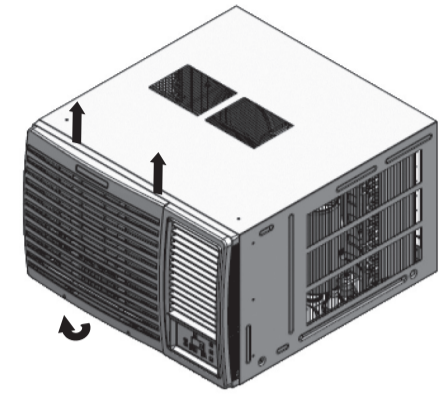
*Unit to be screwed either from back side or from left & right side as per screwing provision availability.

ACCESSORIES

(A) Fixing Screw M4x10	4	(E) Product warranty	1
(B) Wireless remote controller	1	(F) Nylon Washer M4	2
(C) Operation/Installation manual	1		
(D) E-waste (guidelines)	1		

REMOVAL OF FRONT GRILLE

- Please hold the grille from top side and pull it up-ward direction from bottom lock to open the grille and take out filter.
- Remove the air filter. Tilt up and pull out the air filter by the holder.
- Remove the front grille.
 - Remove air filter then remove the screw on the front.
 - At bottom right side of the front grille, press inward on cabinet near the power cord, and pull the grille outward to the right until right tab released.
 - At the bottom left side, push inward on cabinet and pull the grille outward to the left to release the left tab. Do not pull the bottom edge toward you more than 3 inches to prevent the two top tabs from damage.
 - Slide the front grille upwards to loosen the two top tabs from slots at the top of the cabinet.

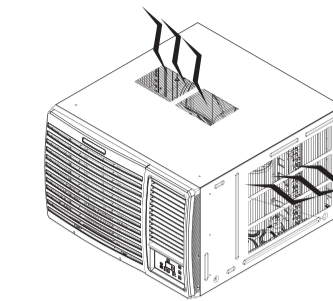


- Always use at the rated voltage and with a specific air conditioning circuit.
- This equipment must be earthed and strongly recommended to be installed with Earth Leakage Circuit Breaker (ELCB) or Residential Current Device (RCD). Otherwise, it may cause electric shock or fire in case of malfunction.
- A 16 ampere time delay fuse or circuit breaker is required.
- Nominal cross sectional area of power supply wire must be 3 core x 1.5mm².
- 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.

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.

CARE & CLEANING



Always turn off the air conditioner and the main power supply before cleaning the unit. Switch off the power supply if the unit is not going to be used for a long period of time.



- Clean the cabinet, front grille with a mild soap or detergent and lukewarm water.
- The front intake grille can be easily removed for cleaning purpose (refer to Remove the front intake grille 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 6% of the electricity used to operate the air conditioner will be wasted.

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.

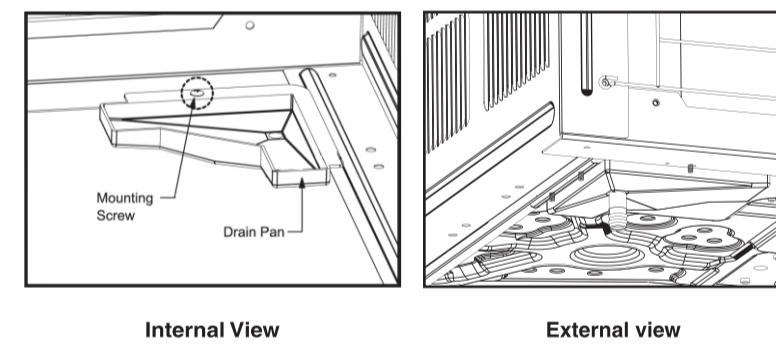
CONDENSED WATER DRAINAGE

DRAIN WATER

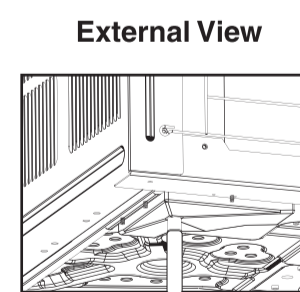
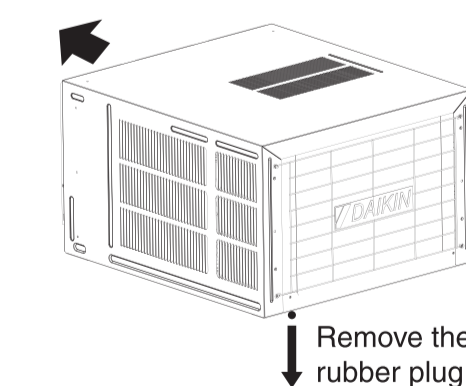
To achieve maximum cooling efficiency, the air conditioner is designed to splash the condensation water on the condenser coil.

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.

- Slide out the chassis from the cabinet.
- Remove the rubber plug from the body base plate.
- Install the drain pan at the corner of the cabinet with two screws.
- Connect the drain hose to the outlet on the bottom of the drain pan.
- Slide the chassis into its original place in the cabinet.

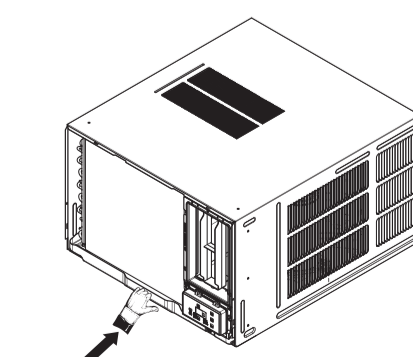
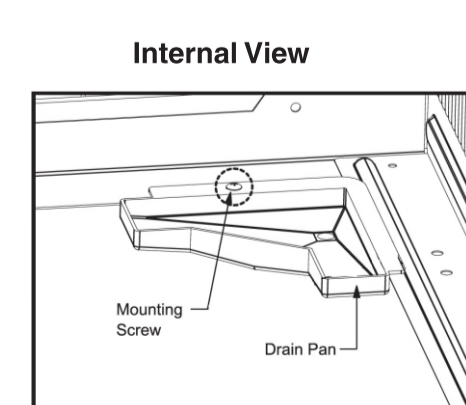


- Slide out the chassis from the cabinet. Remove the rubber plug from the body base plate.
- Connect a drain hose. Fit the drain hose to the drain pan.



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

- Install the drain pan.
- Slide the chassis back into the cabinet. Lock the chassis to the cabinet. Then reinstall the cabinet to the chassis.



DAIKIN AIRCONDITIONING INDIA PVT. LTD.
210, 1st FLOOR, OKHLA INDUSTRIAL AREA, PHASE 3, DELHI-110020

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