

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 follow 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
 To avoid fire, explosion or injury, do not operate the unit when flammable gases (e.g. flammable or corrosive) are detected near the unit.
 Do not use flammable spray near 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 damage may result due to contact with the air conditioner's high-speed fan blades.
 Do not attempt to repair, dismantle, reassemble or modify the air conditioner yourself as this may result in water leakage, electric shock or fire hazards.
 Do not use a refrigerator other than the one indicated on the outdoor unit (RSD) when installing, moving or repairing. Using other refrigerants may cause toxic or damage to the unit, and personal injury.
 To avoid electric shock, do not operate with wet hands.

Be aware of the risk of refrigerant leakage if the air conditioner is not operating correctly, is not operating correctly or negligent leakage could be the cause. Consult your service centre for assistance. The refrigerant with the air conditioner is safe and normally does not leak. However, in the event of a leakage, contact with a naked flame, heater or other heat may result in generation of toxic gases. 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 shock or fire hazards. Please contact your local service centre or qualified personnel for installation and maintenance work.
 If the air conditioner is malfunctioning (igning of a burner, noise, etc.), turn off power to the unit and contact your local service centre. Continued operation under such circumstances may result in a future, electric shock or fire hazards.
 Do not use a power tool to install the earth leakage circuit breaker. Failure to install the earth leakage circuit breaker may result in electric shock or fire.
 Be sure to earth the unit. Do not earth the unit to a utility pole, lightning conductor or telephone cable lead.
 Incorrect earthing may result in electric shock.

Operation
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]** and select an operation mode.
 Each pressing of the button changes the mode setting in sequence.
 DRY · COOL · FAN
 - Press **[ON]** is displayed on the LCD.
 The OPERATION lamp lights green.
- To stop operation**
- Press **[ON/OFF]** again.
 "OFF" disappears from the LCD.
 Then OPERATION lamp goes off.
- To change the temperature setting**
- Press **[TEMP.]** to raise the temperature and press **[DOWN]** to lower the temperature.
- | | |
|----------------|--|
| COOL operation | DRY or FAN operation |
| 18-32°C | The temperature setting cannot be changed. |

- 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 useful for fan only.
 - Recommended temperature setting**
 For cooling: 26-28°C

Operation
ECONO / TIMER Operation

- 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 GOOD SLEEP 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.
- Once GOOD SLEEP OFF TIMER operation starts, the set temperature will increase gradually by 2°C in the next 2 hours to prevent excessive cooling during sleeping hours.
- 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.
 - Note on ECONO operation**
 ECONO operation can only be set when the unit is running. Pressing **[ECONO]** causes the settings to be cancelled, and "OFF" disappears from the LCD.
 - ECONO operation functions 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.

Troubleshooting
Troubleshooting

These cases are not problems.

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

| Case | Explanation |
|---|---|
| Operation does not start soon. When ON/OFF button was pressed soon after operation was stopped. When the mode was reselected. | This is to protect the air conditioner. You should wait for about 3 minutes. |
| Air does not come out. | If the operation is started when the airflow setting is "Auto", the SMELL PROOF operation starts running to prevent unpleasant odour inside the indoor unit. Wait for about 1 minute. (Except when POWER CHILL operation is set.) Refer to "Adjusting the Airflow Rate / SMELL PROOF Operation". |
| The flaps do not start swinging immediately. | The air conditioner is adjusting the position of the flaps. The flaps will start moving soon. |
| Operation stopped suddenly. (OPERATION lamp is on.) | 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: 160V-265V |
| A sound is heard. | <ul style="list-style-type: none"> A sound like flowing water This sound is generated because the refrigerant in the air conditioner is flowing. This is a pumping sound of the water in the air conditioner and can be heard when the fan is running. This sound is heard when the air conditioner during COOL or DRY operation. Blowing sound This sound is generated when the flow of the refrigerant in the air conditioner is switched over. Ticking sound This sound is generated when the cabinet and frame of the air conditioner slightly expand or shrink as a result of temperature change. Clopping sound This sound is heard from the inside of the air conditioner when the exhaust fan is activated while the room doors are closed. Open the window or turn off the exhaust fan. |
| The outdoor unit emits water or steam. | In COOL or DRY operation Moisture in the air condenses into water on the cool surface of the outdoor unit piping and drips. |
| Mist comes out of the indoor unit. | This happens when the air in the room is cooled into mist by the cold airflow during COOL operation. |

Read before Operation
Name of Parts

- Indoor Unit**
- Front panel
 - Air inlet
 - Air filter
 - Model name
 - Indoor temperature sensor:
 Detects the air temperature around the unit.
 - Display
 - Air outlet
 - Louvers (horizontal blades):
 The louvers are inside of the air outlet.
 - Flaps (horizontal blades)
 - Signal receiver:
 Receives signals from the remote controller.
 When the unit receives a signal, you will hear a beep sound.
- | Operation | Sound type |
|------------------|------------|
| Start operation | beep-beep |
| Settings changed | beep |
| Operation stop | long beep |
- Outdoor Unit**
- Refrigerant pipes and inter-unit wire
 - Drain hose
 - Earth terminal (inside)
 - Model name
 - Air outlet
- Appearance of the indoor/outdoor unit may differ between different models.

Operation
Adjusting the Airflow Rate / SMELL PROOF Operation

- Adjusting the airflow rate**
 You can adjust the airflow rate to increase your comfort.
- To change the airflow rate setting**
- Press **[FAN]**.
- Each pressing of **[FAN]** advances the airflow rate setting in sequence.
- Auto → Low → Middle → High
- In DRY operation, the airflow rate setting is not variable.

- SMELL PROOF operation**
 The SMELL PROOF operation prevents unpleasant odour inside the indoor unit. This function is available in both DRY and COOL operation.
- To use SMELL PROOF operation**
- Before starting the operation, press **[FAN]** to set to Auto.
 - Press **[MODE]** to select the DRY or COOL operation.
 - Press **[ON/OFF]**.
 Air starts circulating about 1 minute after the operation is started. However, if the POWER CHILL operation is started, air starts circulating immediately.
- NOTE**
- Note on airflow rate setting**
 At smaller airflow rates, the cooling effect is also smaller.
 - Note on SMELL PROOF operation**
 SMELL PROOF operation can prevent some odours, but not all.
 - 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 | Outdoor temperature 19.4-40°C | A safety device may work to stop the operation. Condensation may occur on the indoor unit and drip. |
| DRY | Indoor temperature 18 - 32°C | |
| | Indoor humidity 80% max. | |

Care
Care and 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.
- Units**
- Indoor unit and remote controller**
- 1. Wipe unit with a dry soft cloth.**
- Front panel**
- Hold the front panel.
 Open the front panel by the indentations in the unit and open the front panel.
 - Remove the front panel.
 1) Slide the front panel to either the left or right and pull it toward you to disengage one of the front panel shafts.
 2) Disengage the front panel shaft on the other side in the same manner.
 3) After disengaging both front panel shafts, pull the front panel toward yourself and remove it.
 - Clean the front panel.
 Wipe it with a soft damp cloth.
 Only neutral detergent may be used.
 In case of washing the panel with water, wipe it with a dry soft cloth, and let it dry in the shade after washing.
 - Attach the front panel.
 1) Align the front panel shaft on the left and right of the front panel with the grooves, then push them all the way in.
 2) Close the front panel slowly.
 3) Close the front panel at both sides and the centre.
 After cleaning, make sure that the front panel is securely fixed.
- NOTE**
- For cleaning, do not use any of the following:
 Water hotter than 40°C
 Volatile liquid such as benzine, petrol and thinner
 Polishing compounds
 Rough materials such as a scrubbing brush

Troubleshooting
Troubleshooting

| Case | Explanation |
|---|---|
| The indoor unit gives out odour. Remote controller does not work properly. | <ul style="list-style-type: none"> 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. No remote controller signals are displayed. The remote controller sensitivity is low. The display is low in contrast or blanked out. The display runs out of control. The batteries are dying and the remote controller is malfunctioning. Replace both batteries with new, dry batteries (AAA). For details, refer to "To insert the batteries" of this manual. |
| The room does not cool down. | <ul style="list-style-type: none"> Is the airflow rate setting appropriate? Is the airflow 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. (OPERATION lamp is blinking.) | <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 control. If the OPERATION lamp is still blinking, check the error code and consult your service centre. Is the lamps 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 lightning or radio waves. Turn off the circuit breaker, turn it on again and try operating the air conditioner with the remote controller. |

Check again.

Please check again before requesting repairs.

| Case | Explanation |
|--|--|
| The air conditioner does not operate. (OPERATION lamp is off.) | <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? Is the water in the room too hot, 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. (OPERATION lamp is blinking.) | <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 control. If the OPERATION lamp is still blinking, check the error code and consult your service centre. Is the lamps 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 lightning or radio waves. Turn off the circuit breaker, turn it on again and try operating the air conditioner with the remote controller. |

Read before Operation
Name of Parts

- Remote Controller**
- Signal transmitter:
 It sends signals to the indoor unit.
 - Display (LCD):
 It displays the current settings. (In this illustration, each section is shown with its displays on for the purpose of explanation.)
 - ON/OFF button:
 Press this button once to start operation. Press once again to stop it.
 - TEMPERATURE adjustment button:
 It changes the temperature setting.
 - FAN setting button:
 It selects the airflow rate setting.
 - SWING button:
 Adjusting the airflow direction.
 - POWER CHILL button:
 POWER CHILL operation
 - MODE selector button:
 It selects the operation mode. (DRY/COOL/FAN)
 - ECONO button:
 Adjusting the airflow direction.
 - TIMER CANCEL button:
 It cancels the timer setting.
 - ON/OFF button:
 It cancels the timer setting.
 - GOOD SLEEP OFF TIMER button
 - COANDA button:
 COANDA operation
- NOTE**
- Notes on remote controller**
 Never operate 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-start-type fluorescent lamp (such as inverter-type lamps) 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.

Operation
Adjusting the Airflow Direction

- You can adjust the airflow direction to increase your comfort.
- CAUTION**
 Always use a remote controller to adjust the angles of the flaps. Moving the flaps forcibly by hand may cause a malfunction.
 Be careful when adjusting the louvers. Inside the air outlet, a fan is rotating at a high speed.
- Up and down airflow direction**
- To start auto swing**
- Press **[SWING]**.
 "S" is displayed on the LCD.
 The flaps (horizontal blades) will begin to swing.
- To set the flaps at desired position**
- This function is effective while the flaps are in auto swing mode.
 Press **[SWING]** when the flaps reach the desired position.
 The flaps will stop moving.
 "S" disappears from the LCD.
- Right and left airflow direction**
- To adjust the louvres at desired position**
- Hold the knobs and move the louvres (vertical blades).
- Knobs
- When the unit is installed in the corner of a room, the direction of the louvres should be facing away from the wall.
 If they face the wall, the wall will block off the wind, causing the cooling efficiency to drop.

Care
Care and Cleaning

- Air filter**
- Pull out the air filters.
 Open the front panel.
 Push the filter tab at the centre of each air filter a little upwards, then pull it down.
 - Wash the air filters 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 filters every 2 weeks.
 - Reinsert the filters and close the front panel.
 Insert the filters into slots of the front grille. Close the front panel slowly and push the panel at the 3 points.
- Accessory filter**
- [Maintenance]** Filter type: Ag - ion filter (vacuum cleaner: 5 · 01)
 The filter can be renewed by cleaning it with a vacuum cleaner. We recommend replacing it once every 6.5 years.
- 1. Take off the accessory filters.**
- Open the front panel and pull out the air filters.
 - Take off the accessory filters.
 Remove the accessory filters from the tabs.
- 2. Vacuum dust.**
 Do not wash the accessory filters as this will reduce their efficiency.
- [Replacement]**
- 1. Replace the old accessory filters with new accessory filters.**

Troubleshooting
Troubleshooting

Call your service centre immediately.

WARNING
 When an abnormality (such as a remote 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.

- An abnormal cord is abnormally hot or damaged.
- The power 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 the operation in about 3 minutes. You should just wait for a while.

Lighting
 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.

Read before Operation
Preparation before Operation

- CAUTION**
 Incorrect handling of batteries can result in injury from battery leakage, rupturing or heating, or lead to equipment failure. Please observe the following precautions and use safely.
- If the solution from the batteries should get in the eyes, do not rub the eyes. Instead, immediately flush the eyes with tap water and seek the attention of a medical professional.
 - Keep batteries out of reach of children. In the event that batteries are swallowed, seek the immediate attention of a medical professional.
 - Do not expose batteries to heat or fire. Do not disassemble or modify batteries. The insulation or gas release vent inside the battery may be damaged, resulting in battery leakage, rupturing, or heating.
 - Do not damage or peel off labels on the batteries.
- To insert the batteries**
- Remove the back cover by sliding and then slightly lifting it.
 - Insert 2 dry batteries (AAA).
 - Replace the back cover.
- To operate the remote controller**
- To use the remote controller, aim the transmitter at the indoor unit. If there is anything blocking the 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 transmission distance is about 7m.
- To attach the accessory filters**
 Set the accessory filters under the tabs of the filter frame on the indoor unit.
 When attaching the accessory filters, refer to "Care and Cleaning", and pull out the air filters.
- Turn on the circuit breaker**
 After the power is turned on, the flaps of the indoor unit open and close once to set the reference 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 outdoors 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.
 To avoid possible injury or damage from battery leakage or rupturing, remove the batteries when not using the product for long periods of time.
 The standard replacement time is about 1 year. Both batteries should be replaced at the same time.
 Be sure to replace them with new size AAA dry batteries.
 However, if the remote controller display begins to fade and the possible transmission range becomes shorter within a year, replace both batteries as specified above.
 The batteries supplied with the remote controller are for initial operation. The batteries may run out in less than 1 year.

Operation
COANDA / POWER CHILL Operation

- COANDA Operation**
 Directs airflow upward. This function prevents air from blowing directly at users.
- To start COANDA operation**
- Press **[COANDA]**.
 The flaps position will change, preventing air from blowing directly on the occupants of the room.
 "C" is displayed on the LCD. The flaps will go up.
- To cancel COANDA operation**
- Press **[COANDA]** again.
 The flaps will return to the memory position from before COANDA mode.
 "C" disappears from the LCD.
- POWER CHILL Operation**
 POWER CHILL operation quickly maximises the cooling effect in any operation mode. In this mode, the air conditioner operates at maximum capacity.
- To start POWER CHILL operation**
- Press **[POWER CHILL]**.
 POWER CHILL operation ends in 20 minutes. When the system automatically operates again with the previous settings which were used before POWER CHILL operation.
 "PC" is displayed on the LCD.
- To cancel POWER CHILL operation**
- Press **[POWER CHILL]** again.
 "PC" disappears from the LCD.

- NOTE**
- Notes on COANDA operation**
 The flaps position will change, preventing air from blowing directly on the occupants of the room.
 If the up and down airflow direction is selected, the COANDA operation will be cancelled.
 The airflow rate can be set to any level. However, a low airflow rate may result in the downward flow of cold air, and in air blowing at people.
 - 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.
 In COOL operation
 To maximise the cooling effect, the capacity of outdoor unit is increased and the airflow rate becomes fixed at the maximum setting. The temperature and airflow settings cannot be changed.
 In DRY operation
 The temperature setting is lowered by 2.5°C and the airflow rate is slightly increased.
 In FAN operation
 The airflow rate is fixed at the maximum setting.

Care
Care and Cleaning

- Accessory filter** Filter type: Titanium apatite deodorizing air-purifying filter / Air-purifying filter / Anti microbial filter.
- [Maintenance]**
 The accessory filters can be renewed by washing them with water once every 6 months. We recommend replacing them once every 3 years.
- Take off the accessory filters.
 For removal procedures, refer to "Accessory filter" on the previous page.
 - Vacuum dust and soak in lukewarm water or water for about 10 to 15 minutes if very dirty.
 - After washing, shake off remaining water and dry in the shade.
 Do not wring out the accessory filters to remove water from them.
- [Replacement]**
- Replace the old accessory filters with new accessory filters.
- NOTE**
- Disposal of the old filter as non-flammable waste.
 - To order an accessory filter, contact the service centre where you bought the air conditioner.
- | Item | Part No. |
|---|-----------|
| Titanium apatite deodorizing air-purifying filter (1 set) | KAF970A45 |
| Ag-ion filter (1 set) | KAF057A41 |
| Anti Microbial filter (1 set) | KAF500A04 |
| Micro-filter - PM2.5 (1 set) | KAF250A02 |
| Micro-filter - PM0.1 (1 set) | KAF010A03 |
- Operation with dirty filters: (1) cannot deodorise the air. (2) cannot clean the air. (3) results in poor cooling. (4) may cause odour.
- Prior to a long period of non-use**
- Press the FAN mode for several hours on the fine dry and dry the inside.
 - Operate ECONO and select FAN operation. 2) Press **[ON/OFF]** to start the operation.
 - After operation stops, turn off the circuit breaker for the room air conditioner.
 - Replace the air filters and set them again.
 - To prevent battery leakage, take out the batteries from the remote controller.
- We recommend periodic 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.

Troubleshooting
Troubleshooting

Fault diagnosis by remote controller

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

- When **[CANCEL]** is held down for about 5 seconds, "E" blinks in the temperature display section.
- Press **[CANCEL]** repeatedly until a long beep is produced.
 The code indication changes as shown below, and notifies with a long beep.

| CODE | MEANING |
|------|--|
| 00 | NORMAL |
| 0A | INDOOR-OUTDOOR UNIT COMBINATION FAULT |
| 0B | REFRIGERANT SHORTAGE |
| 0C | DRIP VOLTAGE OR MAIN CIRCUIT OVERVOLTAGE |
| 0D | FAILURE OF TRANSMISSION BETWEEN INDOOR UNIT AND OUTDOOR UNIT |
| 0E | INDOOR PCB DEFECTIVENESS |
| 0F | FREZE-UP PROTECTOR |
| A1 | FAN MOTOR FAULT |
| C4 | FAULTY HEAT EXCHANGER TEMPERATURE SENSOR |
| C9 | FAULTY SUCTION AIR TEMPERATURE SENSOR |

NOTE

- A short beep indicates non-corresponding codes.
- To cancel the code display, hold down **[CANCEL]** for about 5 seconds.
- The code display also cancels itself if the button is not pressed for 1 minute.

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DAIKIN AIR CONDITIONER INSTALLATION MANUAL

R32 Split Series

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 follow 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 user how to operate the air conditioner and take care of it with the aid of the operation manual.

- ASK your dealer or qualified personnel to carry out installation work.**
- Install the air conditioner in accordance with the instructions in this installation manual. Improper installation may result in water leakage, electric shock or fire.
- Be sure to use only the specified accessories and parts for installation work. Failure to use the specified parts may result in air leaking, water leakage, electric shock or fire.
- Install the air conditioner on a foundation strong enough to hold 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 the instructions in this installation manual.
- Be sure to use a dedicated power supply circuit only. Insufficient power supply and improper wiring may result in electric shock or fire.
- Use a cable of suitable length. Do not use tappable wires or an extension lead. As this may cause overvoltage, electric shock or fire.
- Make sure that all wiring is secured, the specified wires are used, and that there is no strain on the terminal.
- When wiring the power supply and connecting the wiring between the indoor and outdoor units, position the wires so that the electrical wiring box cover can be securely fastened. Improper positioning of the electrical wiring box cover may result in electric shock, fire or overheating terminals.
- If refrigerant gas leaks during installation, ventilate the area immediately.
- Toxic gas may be produced if the refrigerant comes into contact with fire.
- After completing installation, check for refrigerant gas leakage. Toxic gas may be produced if the refrigerant gas leaks into the room and comes into contact with a source of fire, such as a fan heater, stove or cooker.
- When installing or relocating the air conditioner, do not let any other substances besides R32, such as air, enter the refrigerant circuit.
- The presence of air or foreign matter in the refrigerant circuit causes an abnormal pressure rise, which may result in equipment damage and even injury.
- During installation, attach the refrigerant piping securely before operating the compressor. If the refrigerant pipes are not attached and the stop valve is open when the compressor is operated, it may cause abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.
- During pump down, stop the compressor before removing the refrigerant piping. The compressor is still operating and the stop valve is open during pump down, which will be sucked when the refrigerant piping is removed, causing abnormal pressure in the refrigeration cycle, which may result in equipment damage and even injury.
- Be sure to earth the air conditioner.
- Connect the earth leakage circuit breaker (ELCB) to the power supply.
- Be sure to install an earth leakage circuit breaker. Failure to install an earth leakage circuit breaker may result in electric shock or fire.
- Do not pump down when the refrigerant has leaked, otherwise the compressor may be damaged.

- CAUTION** Do not install the air conditioner at any place where there is a danger of flammable gas leakage.
- While following the instructions in this installation manual, install drain piping to ensure proper drainage and insulate the piping to prevent condensation. Improper drain piping may result in indoor water leakage and property damage.
- Tighten the flare nut as specified, such as with a torque wrench. If the flare nut is too tight, it may crack after prolonged use, causing refrigerant leakage.
- Take adequate steps to prevent the outdoor unit being used as a shelter by small animals.
- Install animals or pets close to contact with electrical parts. This can cause a fall, electric shock, fire, or damage to the equipment.
- The refrigerant circuit temperature will be high, therefore the inter-unit wire must be kept away from copper pipes that are not thermally insulated.

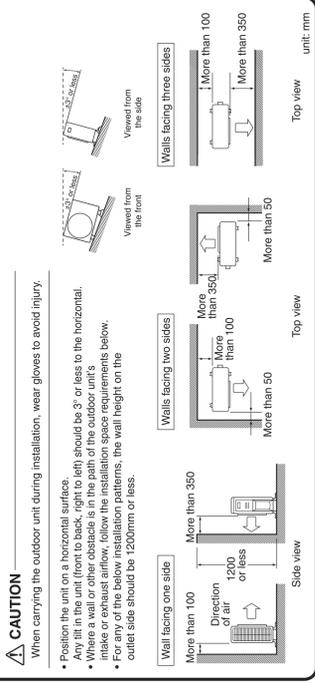
ACCESSORIES

| | | | | | |
|---|---|-----------------------------------|---|-------------------------|---|
| (A) Mounting plate | 1 | (F) Operation/Installation manual | 1 | (L) 4-Core Wire - 4.2 M | 1 |
| (B) Mounting plate fixing screw M4 × 2.5L | 7 | (G) The Wrap | 6 | | |
| (C) Wireless remote controller | 1 | (H) Product warranty | 1 | | |
| (D) Dry battery (AAA) | 2 | (J) Gas Pipe - 3.5 M | 1 | | |
| (E) Indoor unit fixing screw M4 × 12L | 2 | (K) Liquid Pipe - 3.5 M | 1 | | |

Precautions for Selecting a Location

- Before choosing the installation site, obtain user approval.
- The indoor unit should be positioned in a place where:
 - the restrictions on the installation requirements specified in "Outdoor Unit Installation Diagram" are met,
 - "Indoor/Outdoor Installation Diagram" are met,
 - both air inlet and air outlet are unobstructed,
 - the unit is not exposed to direct sunlight,
 - the unit is away from sources of heat or steam,
 - there is no source of moisture or vapour (this may shorten the indoor unit service life),
 - cool air is circulated throughout the room,
 - the unit is away from electronic ignition type household lamps (inverter or rapid start type) as they may cause arcing,
 - the unit is at least 1m away from any television or radio set (the unit may cause interference with the picture or sound),
 - the unit can be installed at the recommended height (1.8m),
 - no laundry equipment is nearby.

Outdoor Unit Installation Space Requirements

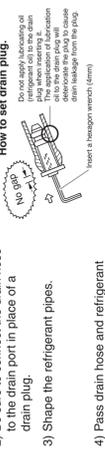


Indoor Unit

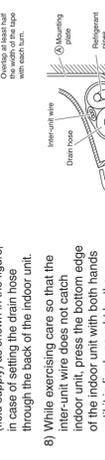
- Pass the inter-unit wire from the outdoor unit through the feed-through wall plate and then through the back of the indoor unit. Pull them through the front panel of the indoor unit. If the inter-unit wire ends are to be stripped first, bundle the wire lead ends with adhesive tape.
- Strip the bottom frame of the indoor unit with both hands to set on the (A) mounting plate hooks. Make sure the bottom frame catches on the edge of the indoor unit.



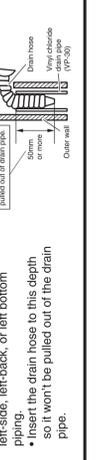
- Attach the drain hose to the underside of the refrigerant pipes with adhesive vinyl tape.
 - Caulk the gap between the pipe and the front grille with putty.
- Be sure to connect the drain hose to the drain port in place of a drain plug.
- Shape the refrigerant pipes.



- Pass drain hose and refrigerant pipes through the wall hole, then position the indoor unit on the (A) mounting plate hooks.
- Pull in the inter-unit wire.
- Connect the refrigerant pipes.
- Wrap the refrigerant pipes and drain pipes together with insulation pipe (lead supply) as shown in the figure.
- Caulk the gap between the pipe through the back of the indoor unit.



- While exercising care so that the inter-unit wire does not catch indoor unit, press the bottom edge of the indoor unit with both hands out to the front panel of the indoor unit.
- Mounting plate hooks. Secure the indoor unit to the (A) mounting plate with the (B) indoor unit fixing screws (M4 × 12L).



- Drill a feed-through hole with a 65mm diameter through the wall at a downward angle toward the outside.
- Insert a wall embedded pipe into the hole.
- Remove the cap of the wall embedded pipe.
- After completing refrigerant piping, wiring, and drain piping, caulk pipe hole gap with putty.



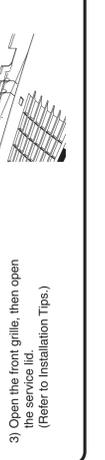
- Install the indoor unit.
 - Attach the drain hose to the underside of the refrigerant pipes with adhesive vinyl tape.
 - Caulk the gap between the pipe and the front grille with putty.
- Pass the drain hose and refrigerant pipes through the wall hole and set the indoor unit on the (A) mounting plate hooks.
- Open the front grille, then open the service lid.



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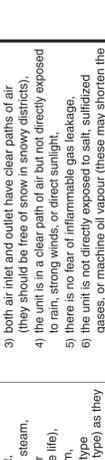
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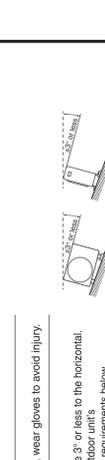
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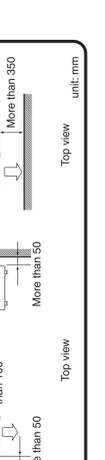
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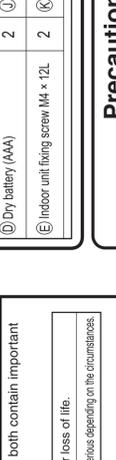
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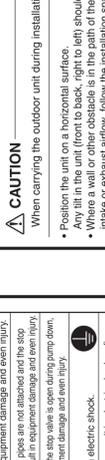
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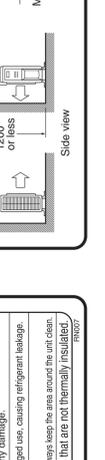
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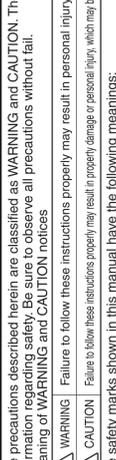
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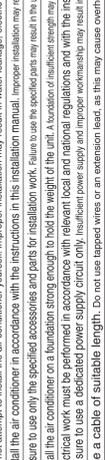
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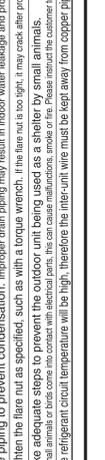
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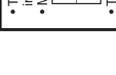
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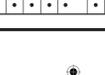
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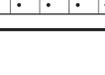
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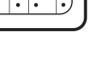
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