Thank you very much for purchasing this Mitsubishi room air conditioner.

- To use this unit correctly and safely, be sure to read this operating instructions before use. Keep this manual carefully for later reference.
- Be sure to receive a guarantee card from your dealer and check that the purchased date and shop name, etc. are entered correctly.
- This air conditioner should not be installed by the customer. (Safety and performance functions cannot be assured.)
SAFETY PRECAUTIONS

- Since rotating parts and parts which could cause an electric shock are used in this product, be sure to read these "Safety Precautions" before use.
- Since the cautionary items shown here are important for safety, be sure to observe them. Marks and their meanings are as shown below.

**WARNING**

Incorrect handling could cause a serious hazard, such as death, serious injury, etc. with a high probability.

**CAUTION**

Incorrect handling could cause a serious hazard depending on the conditions.

Meanings of symbols used in this manual are as shown below.

- ☑️ Be sure not to do.
- 🔴 Be sure to follow the instruction.
- 🔴 Blue
  - Never insert your finger or stick, etc.
  - Never step onto the indoor/outdoor unit and do not put anything on them.
  - Danger of electric shock, be careful.
  - Be sure to shut off the power.

- After reading this manual, keep it together with the installation manual in a handy place for easy reference.

---

**WARNING**

- This air conditioner is NOT intended for use by children or infirm persons without supervision.

- Do not turn the breaker off/on during operation.
  - This may cause a fire due to spark, etc.
  - Be sure to turn off the breaker absolutely after switching the indoor unit off with the remote controller.

- Do not expose your skin directly to cool air for a long time.
  - This could damage your health.

- Repair or relocation should not be done by the customer.
  - If this is done incorrectly, it may cause a fire, an electric shock, or injury from the unit falling, water leaking, etc. Consult your dealer.

- The customer should not install this unit.
  - If this is done incorrectly, it may cause a fire, an electric shock, or injury from the unit falling, water leaking, etc. Consult your dealer.

---

Front Panel

ENCLOSURE

Air Outlet
When the air filter is to be removed, do not touch the metal parts of the indoor unit.
- This may cause an injury.

Do not clean the air conditioner with water.
- Water may enter the unit and degrade the insulation. This may cause an electric shock.

Ventilate well in using the unit with a stove, etc.
- An oxygen shortage may occur.

When the unit is not going to be used for a long time, turn off the breaker.
- Otherwise, dirt may collect and this may cause a fire.

Do not operate the unit for a long time in high humidity, e.g. leaving a door or window open.
- In the cooling mode, if the unit is operated in a room with high humidity (80% RH or more) for a long time, water condensed in the air conditioner may drop and wet or damage furniture, etc.

Do not charge or disassemble the batteries and do not throw them into a fire.
- This may result in leakage, fire or an explosion.

When the unit is to be cleaned, switch it off and turn off the breaker.
- Since the fan rotates at high speed during operation, this may cause an injury.

Do not put a pet or houseplant where it will be exposed to direct airflow.
- This could injure the pet or plant.

Do not use the unit for special purposes.
- Do not use this air conditioner to preserve precision devices, food, animals, plants and art objects. This may cause deterioration of quality, etc.

Do not step or put anything on the indoor/outdoor unit.
- This may cause an injury, etc. if you fall down.

If liquid from the alkaline batteries gets onto your skin or clothes, wash it well with clean water.
- If liquid from the alkaline batteries gets into your eyes, wash them well with clean water and consult a doctor at once.

Do not operate switches with wet hands.
- This may cause an electric shock.

Do not use an insecticide or flammable spray.
- This may cause a fire or deformation of the cabinet.

Do not put a stove, etc. where they are exposed to direct airflow.
- This may cause imperfect combustion.

Do not leave the unit on an installation stand which is damaged.
- The unit may fall and this may cause an injury.

Replace the 2 batteries with new ones of same type.
- Using an old battery together with a new one may result in heat generation, leakage or an explosion.
**SAFETY PRECAUTIONS**

**For Installation**

**WARNING**
- Consult your dealer for installation of the air conditioner.

**CAUTION**

**Earth the unit.**
- Do not connect the earth to a gas pipe, water pipe, lightning rod or the earth of a telephone. If the earthing is incorrect, it may cause an electric shock.

**Do not install the unit where flammable gas could leak.**
- If gas leak and collect around the unit, it may cause an explosion.

**Install an earth leakage breaker depending on the place where the air conditioner is to be installed (humid places, etc.).**
- If the earth leakage breaker is not installed, it may cause an electric shock.

**Drain should be fully drained.**
- If the drainage route is incomplete, water may drop from the unit. This may wet and damage the furniture.

---

**Indoor unit**

- Air cleaning filter (white bellows type)
- Deodorizing filter (gray sponge type)
- Remote control receiving section
- Display section
- Operation section (when the front panel is opened)
- Emergency operation switch

**Outdoor unit**

- Air inlet (back and side)
- Piping
- Drainage hose
- Air outlet
- Drain outlet
Auto restart function

This model is equipped with the auto restart function, but this function is OFF when the units are shipped from the factory. If you want to use the auto restart function, please consult the service representative because the setting of the unit needs to be changed.

Auto restart function is...

When the indoor unit is controlled with the remote controller, the operation mode, the set temperature and the fan speed are memorized by the memory. If a power failure occurs or the main power is turned off during operation, "Auto restart function" sets automatically to start operating in the same mode as set with the remote controller right before the shut-off or main power.

Breaker for the air conditioner

Turn the breaker on.

Remote controller (How to set the current time)

1. Remove the front lid and insert batteries. Then reattach the front lid.

Insert the minus pole of the batteries first. Check if the polarity of the batteries is correct.

2. Press the RESET button.

Press using a thin stick.

3. Press the CLOCK set button.

Press using a thin stick.

4. Press the [H] and [M] button (TIME SET button) to set the current time.

5. Press the CLOCK set button again and close the front lid.

Handling of the remote controller

- The range that the signal can reach is about 6 m when pointed at the front of the indoor unit.
- When a button is pressed, one or two beeps will be heard from the indoor unit. If no sound is heard, operate again.
- Use the remote controller carefully. If it is dropped, thrown or it gets wet, the remote controller may not operate.

When installing on a wall, etc.

- Install the remote controller holder in a position where the signal reception sound (beep) can be heard from the indoor unit when the [OFF] button is pressed.

How to install/remove the remote controller

Insert the remote controller downward.

Pull it up.

Remote controller holder

Dry-cell batteries

When the batteries of the remote controller run out or the remote controller malfunctions, the emergency operation can be done using the EMERGENCY OPERATION switch.

1. Press the EMERGENCY OPERATION switch.

Details of EMERGENCY MODE are as shown below. However, the temperature control does not work for 30 minutes in test run and the unit is set to continuous operation. The fan speed is set to High in test run and shifts to Medium after 30 minutes.

<table>
<thead>
<tr>
<th>Operation mode</th>
<th>COOL</th>
<th>HEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set temperature</td>
<td>24 °C</td>
<td>24 °C</td>
</tr>
<tr>
<td>Fan speed</td>
<td>Medium</td>
<td>Medium</td>
</tr>
<tr>
<td>Horizontal vane</td>
<td>Auto</td>
<td>Auto</td>
</tr>
<tr>
<td>Vertical vane</td>
<td>Front</td>
<td>Front</td>
</tr>
</tbody>
</table>

The operation mode is indicated by the Operation Indicator lamp on the indoor unit as follows.

EMERGENCY COOL — EMERGENCY HEAT — STOP

To stop the emergency operation, press the EMERGENCY OPERATION switch once (in case of EMERGENCY COOL MODE) or twice (in case of EMERGENCY HEAT MODE).
With the "C (I FEEL..." auto operation mode, the optimum room condition can be set automatically with a one-touch operation.

**To start operation:**
- Press the button.

When the "C (I FEEL..."") mode is selected, the air conditioner is automatically controlled at the optimum temperature.

**To stop operation:**
- Press the button.

**If you feel slightly warm:**
- Press the button to lower the temperature.
  One press lowers the temperature by about 1°C.

**If you feel slightly cool:**
- Press the button to raise the temperature.
  One press raises the temperature by about 1°C.

When "C (I FEEL...)" is not selected, press the button until it is set.

Each time the button is pressed, the operation mode is changed in sequence: C (I FEEL...) → C (COOL) → C (DRY) → C (HEAT).

---

**Description of "I FEEL..." mode**

**Details of operation**

According to the room temperature when the operation starts, the operation mode is automatically selected COOL, DRY or HEAT. However, when operation is started again within 2 hours after it is stopped, the same operation mode before the operation is stopped is selected. The operation mode selected first is not changed even if the room temperature changes. If the operation mode does not match the room condition, select the appropriate operation mode by pressing the button.

**Details of auto operation**

<table>
<thead>
<tr>
<th>Room temperature when started</th>
<th>Operation mode</th>
<th>Target temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>About 25 °C or higher</td>
<td>COOL</td>
<td>About 24 °C</td>
</tr>
<tr>
<td>About 25 °C - 23 °C</td>
<td>DRY</td>
<td></td>
</tr>
<tr>
<td>About 23 °C or lower</td>
<td>HEAT</td>
<td>About 26 °C</td>
</tr>
</tbody>
</table>

**NOTE**

COOL: When the room temperature is 2 °C higher than the set temperature, the set temperature may not be changed since the air conditioner is operating to reach the target (set) temperature. In this case, please wait until the room temperature drops to within 2 °C of the set temperature and then operate.

HEAT: When the room temperature is 2 °C lower than the set temperature, the set temperature may not be changed since the air conditioner is operating to reach the target (set) temperature. In this case, please wait until the room temperature rises to within 2 °C of set temperature and then operate.

**Details of display on the indoor unit**

The operation indicator at the right side of the indoor unit indicates the operation state.

<table>
<thead>
<tr>
<th>Operation Indicator</th>
<th>Lighted</th>
<th>Not Lighted</th>
</tr>
</thead>
</table>

**Operation indicator lamp**

<table>
<thead>
<tr>
<th>Indication</th>
<th>Operation state</th>
<th>Difference between target temperature and room temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This shows that the air conditioner is operating to reach the target temperature. Please wait until the target temperature is obtained.</td>
<td>About 2 °C or more</td>
</tr>
<tr>
<td>0</td>
<td>This shows that the room temperature is approaching the target temperature.</td>
<td>About 2 °C or less</td>
</tr>
</tbody>
</table>
MANUAL OPERATION (COOL, DRY, HEAT)

To operate the COOL, DRY or HEAT mode:

1. Press the COOL button.
2. Select the operation mode by pressing the DRY or HEAT button.
   Each time this button is pressed, the operation mode is changed in sequence: COOL (I FEEL...) -> DRY (DRY) -> HEAT (HEAT).

To stop operation:

- Press the button.

After the operation mode is set once, the operation starts in the mode set previously from the next time by simply pressing the button.

When the set temperature is to be changed:

- Press the COOL button to lower the temperature. One press lowers the temperature by about 1 °C.
- Press the button to raise the temperature. One press raises the temperature by about 1 °C.

In HEAT operation:

- If the air conditioner absorbs too much heat from the air, it may be overloaded. Following a judgement made by the microprocessor, the fan in the outdoor unit is automatically stopped to protect the air conditioner.
- When the outdoor unit's fan is stopped, frost may form on the outdoor unit, but this is not a problem.

In DRY operation:

- The temperature control (temperature setting) cannot be done.
- The room temperature is slightly lowered in this operation mode.

The details of the display on the indoor unit are explained on page 1.

NOTE:

- When the ambient temperature is too high, the room temperature may not reach the set temperature since the unit operates to cool under high load.

CONVENIENT INFORMATION

COOL

For effective cooling:

1. Close the windows and pull down blinds. Sunshine is reduced and cooling efficiency increases.
2. Paste a heat shield film (generally available) on the window. Heat entering the room is reduced.
3. Block the outdoor unit from direct sunlight. This saves energy.

HEAT

Comfortable warmth depends on the temperature difference between the indoor and the outdoor.

It is recommended that the set temperature in the heating operation does not differ from the external temperature too much. Though there is a regional difference, as a reference, a set temperature between about 22 °C and 24 °C is most suitable.

DRY

The humidity at which people feel comfortable

When air contains too much moisture, people feel uncomfortable. Humidity is related to temperature and wind. The humidity at which people feel comfortable is 60% ~ 75% RH in summer, 25% ~ 70% RH in winter.
AIR FLOW VELOCITY AND DIRECTION ADJUSTMENT

To change the AIR FLOW velocity, press the FAN button.
Each time the button is pressed, the fan speed is changed in sequence: Low → Med. → High → AUTO.

- Use the High notch to cool the room more.
- If the operating sound of the air conditioner disturbs your sleep, use the Low notch.

To change the AIR FLOW blowing direction vertically, press the VANE button.
Each time the button is pressed, the angle of the HORIZONTAL VANE is changed in sequence: (1) → (2) → (3) → (4) → (5) → (SWING) → AUTO.

SWING OPERATION
Use the swing operation for the air flow to reach all corners of the room.

Recommended HORIZONTAL VANE range
Use the AUTO position usually.
Use position (1) or (2) in COOL or DRY mode and use positions (3) to (5) in HEAT mode when adjusting to your requirements.

NOTE
- In the cooling operation, when the air conditioner is operated with setting the HORIZONTAL VANE to (4) or (5) for 1 hour, the AIR FLOW direction is automatically set to horizontal to prevent condensed water from dropping.
- Adjust the vertical AIR FLOW direction using the remote controller. If the HORIZONTAL VANE is moved manually, it may cause trouble.
- In the heating operation, if the air flow temperature is too low or when defrosting is done, the HORIZONTAL VANE position is set to (1).

Auto air flow direction control operation
- When the AUTO mode is selected with the button, the position of the HORIZONTAL VANE is automatically set to correspond to the operation mode for effective operation.

(1) HEAT
When the air flow temperature is too low, the air is blown out horizontally.

(2) COOL, DRY
The air is blown out horizontally when the air flow temperature rises, the air is blown out downwards.

To change the AIR FLOW blowing direction horizontally, press the VANE button.
Each time the button is pressed, the angle of the VERTICAL VANE is changed in sequence:

SWING OPERATION
Use the swing operation for the air flow to reach all corners of the room.

Horizontal AIR FLOW blowing range

NOTE
- Adjust the horizontal AIR FLOW direction using the remote controller. If the VERTICAL VANE is moved manually, it may cause trouble.
Use this operation when you want the air flow to reach a long distance.

Press the button.

The fan speed increases.
When the fan speed is set to \( \text{AUTO} \), the fan speed is higher than a fan speed determined by the room temperature and the set temperature.
In addition, the horizontal vane moves to the position for LONG mode.

In the following example, the VERTICAL VANE is set to \( \text{F} \) (front).

Fan speed: Higher
Solid arrow: When the LONG mode is used
Dotted arrow: When the LONG mode is not used

To release the LONG mode:

Press the button again.

- LONG mode is also released in the following ways.
  - By pressing the button
  - By pressing the button (only during COOL mode)
- Even when the LONG mode is being used, the air may not reach a long distance due to the installation location of the air conditioner.
In this case, press the button to set the fan speed to High, and then press the button.

The \( \text{O} \), \( \text{S} \), and \( \text{A} \) buttons, temperature buttons and the ON/OFF timer (page 11) are available.
**TIMER OPERATION (ON/OFF TIMER)**

It is convenient to set the timer when you go to bed, when you get home, when you get up, etc.

1. **Press the button during operation.**
   - Each time the button is pressed, the ON timer mode alternates between ON and OFF.

2. **Set the time of the timer using the and buttons.**
   - Each time the button is pressed, the set time increases by 1 hour; each time the button is pressed, the set time increases by 10 minutes.

To release the ON timer:
- Press the button.

---

**How to set the OFF timer**

1. **Press the button during operation.**
   - Each time the button is pressed, the OFF timer mode alternates between ON and OFF.

2. **Set the time of the timer using the and buttons.**
   - Each time the button is pressed, the set time increases by 1 hour; each time the button is pressed, the set time increases by 10 minutes.

To release the OFF timer:
- Press the button.

---

**Programming timer operation**

The ON timer and the OFF timer can be used in combination. The timer of the set time that is reached first will operate first. (*" mark indicates the order of timer operations.)

- If the current time has not been set, the timer operation cannot be used.

---

**When it is not going to be used for a long time:**

1. Perform the FAN operation for 3 or 4 hours to dry the inside of the air conditioner.
   - To perform FAN operation, set to the highest temperature in the MANUAL COOL OPERATION mode.
   - (Refer to page 63.)

2. Turn off the breaker.

3. Remove the batteries from the remote controller.

---

**When the air conditioner is to be used again:**

1. Clean the air filter and install it in the indoor unit.
   - (Refer to page 12 for cleaning instructions.)

2. Check that the air inlet and outlet of the indoor/outdoor units are not blocked.

3. Check that the earth is connected correctly.

---

**CAUTION**

- Turn off the breaker when the air conditioner is not going to be used for a long time.
- Dirt may collect and this may cause a fire.

---

**CAUTION**

- Earth the unit.
- Do not connect the earth to a gas pipe, water pipe, lightning rod or the earth of a telephone. If the earthing is incorrect, it may cause an electric shock.

---

**CAUTION**

- To prevent liquid leakage, take out all batteries when the remote controller is not going to be used for a long time.
Before starting maintenance
- Turn off the breaker.

Cleaning the indoor unit
- Clean the unit using a soft dry cloth.

CAUTION
When the unit is to be cleaned, switch it off and turn off the breaker. Since the fan rotates at high speed during operation, it may cause an injury.

Do not use gasoline, benzine, polishing powder, detergent and insecticide. The unit may be damaged.

CAUTION
Do not open the front panel up past the level position. The panel may come off in order to prevent it from being damaged.
- The front panel may also come off if the upper part of the front panel is pulled down.

If the front panel comes off, attach it as explained below.
Keeping the front panel level with one hand, insert the hinges one by one with the other hand into the notches at the left, right and center of the top of the indoor unit until they click into place. (① Then, close the front panel. ②)

Do not exceed
Movable range

Do not step onto an unstable bench when maintaining the unit, etc. This may cause an injury, etc. if you fall down.

Cleaning the air filter
(about every 2 weeks)

1 Remove the air filter.
   Open the front panel, then remove the filter.

2 Remove dirt from the air filter using a vacuum cleaner or by washing the filter with water.
   - If dirt is conspicuous, wash the filter with a solution of detergent in lukewarm water.
   - If hot water (50 °C or more) is used, the filter may be deformed.

3 After washing with water/lukewarm water, dry the air filter well in the shade.
   - Do not expose the air filter to direct sunlight or heat from a fire when drying it.

4 Install the air filter.

Cleaning the deodorizing filter
(about once every 2 weeks)

1 Remove the air filter, and then remove the deodorizing filter (gray sponge type).
   - The deodorizing filter is harmless to people. However, to keep its effectiveness, be sure to hold the frame and not to touch the surface of the filter with your hand.

2 Soak the filter together with its frame in lukewarm water for about 15 minutes.
   - If the filter is conspicuous, use a solution of detergent in lukewarm water.
   - If hot water (50 °C or more) is used, the filter may be deformed.
   - Do not use a scrubbing brush or sponge. This may damage the surface of the filter.
   - Do not use a chlorine detergent.

3 After washing with water/lukewarm water, dry the deodorizing filter well in the shade.
   - Do not expose the deodorizing filter to direct sunlight or heat from a fire when drying it.

4 Install the deodorizing filter, and then install the air filter.
REPLACEMENT OF THE DEODORIZING FILTER/ AIR CLEANING FILTER:

When the capacity is lowered because of dirt, etc., it is necessary to replace the deodorizing filter/air cleaning filter.

Deodorizing filter replacement (about once a year)
1. Remove the air filter.
2. Remove the deodorizing filter (gray sponge type).
3. Install a new deodorizing filter.
4. Install the air filter and securely close the front panel.

Air cleaning filter replacement (about once every 4 months)
1. Remove the air filter.
2. Remove the air cleaning filter (white below type).
3. Install a new air cleaning filter.
4. Install the air filter and securely close the front panel.

The air conditioner cannot be operated.
Check the following:
1. Is the breaker turned on?
2. Isn't the fuse blown?
3. Isn't the filter dirty?
4. Isn't the outlet of the outdoor unit blocked?

Cannot be cooled or heated sufficiently.
Check the following:
1. Is the temperature setting correct?
2. Isn't the ON-timer set?
3. Isn't the outdoor unit blocked?

Display of the remote controller does not appear (1)
The remote control signal cannot be received if the remote controller is not operated near the air conditioner (2). Check the following.
1. Aren't the batteries exhausted?
2. Is the polarity (+, -) of the batteries correct?

When a power failure occurs.
To restart the unit, press the ON/OFF button on the remote controller again after the restoration of the power.

Optional parts are available from your local dealer.

<table>
<thead>
<tr>
<th>Name of parts</th>
<th>Type name</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEODORIZING FILTER</td>
<td>MAC-2200DF</td>
</tr>
<tr>
<td>AIR CLEANING FILTER</td>
<td>MAC-1700FT</td>
</tr>
</tbody>
</table>
WHEN YOU THINK THAT TROUBLE HAS OCCURRED

**Question:**
The air conditioner cannot be operated for about 3 minutes when restarted.

**Answer:**
- This protects the air conditioner according to instructions from the microprocessor. Please wait.

**Question:**
Cracking sound is heard.

**Answer:**
- This sound is generated by the expansion/contraction of the front panel, etc. due to change in temperature.

**Question:**
The room smells strange.

**Answer:**
- The air conditioner sucks in an odor adhering to the wall, carpet, furniture, cloth, etc. and blows it out with the air.

**Question:**
The fan stops during the DRY operation.

**Answer:**
- In DRY operation, the unit operates using the same refrigerant circuit as in COOL operation. DRY operation time has to be reduced in order to lower humidity without much room temperature decreasing. So the indoor fan stops. This prevents water condensed on the heat exchanger from evaporating again.

**Question:**
The sound of water flowing is heard.

**Answer:**
- This is the sound of refrigerant flowing inside the air conditioner.
- This is the sound of condensed water flowing in the heat exchanger.
- This is the sound of the heat exchanger defrosting.

**Question:**
The air flow direction changes during operation.

**Answer:**
- When the air conditioner is operated in COOL or DRY mode, if the operation continues with air blowing down for 1 hour, the direction of the air flow is automatically set to horizontal to prevent condensed water from dropping.
- In the heating operation, if the air flow temperature is too low or when defrosting is done, the HORIZONTAL VANE position is automatically set to horizontal.
- Mechanical sound is heard from the indoor unit.

**Answer:**
- This is the switching sound in turning on/off the fan or compressor.

**Question:**
Water leak from the outdoor unit.

**Answer:**
- The sound as bubbling is heard.

**Question:**
Air does not blow out soon in the heating operation.

**Answer:**
- The operation is stopped for about 10 minutes in the heating operation.

**Question:**
Hissing sound is sometimes heard.

**Answer:**
- The room cannot be cooled sufficiently.

**Question:**
The swing operation of the vertical vane is suspended for about 15 seconds, then restarted.

**Answer:**
- This is for the swing operation of the vertical vane to be performed normally.

**Question:**
During COOL and DRY operations, pipe or pipe connecting sections are cool and this causes water to condense.
- In the heating operation, the defrosting operation makes water frozen on the outdoor unit melt and drip down.
- In the heating operation, water condensed on the heat exchanger drips down.

**Answer:**
- This sound is heard when the outside air is absorbed from the drain hose in turning on the range hood or the ventilation fan and that makes water flowing in the drain hose spout out. This sound is also heard when the outside air blows into the drain hose in case the outside wind is strong.

**Question:**
Please wait as the air conditioner is preparing to blow out warm air.

**Answer:**
- Defrosting of the outdoor unit is being done (Defrosting operation).

**Question:**
This is the sound when the flow of refrigerant inside the air conditioner is switched.

**Answer:**
- When a ventilation fan or a gas cooker is used in a room, the cooling load increases, resulting in an insufficient cooling effect.
- When the outside air temperature is high, the cooling effect may not be sufficient.
Installation place

Avoid installing the air conditioner in the following places.

- Where flammable gas could leak.

⚠️ CAUTION

Do not install the unit where flammable gas could leak.
If gas leak and collect around the unit, it may cause an explosion.

- Where there is much machine oil.
- Salty places such as the seaside.
- Where sulfide gas is generated such as a hot spring.
- Where oil is splashed or where the area is filled with oily smoke.

Electrical work

- Provide an exclusive circuit for the power supply of the air conditioner.
- Be sure to observe the breaker capacity.

⚠️ WARNING

The customer should not install this unit.
If installation is done incorrectly, it may cause a fire, an electric shock, or injury from the unit falling, water leaking, etc.

⚠️ CAUTION

- Earth the unit.
  Do not connect the earth to a gas pipe, water pipe, lightning rod or the earth of a telephone.
  If the earthing is incorrect, it may cause an electric shock.
- Install an earth leakage breaker depending on the place where the air conditioner is to be installed (humid places, etc.).
  If the earth leakage breaker is not installed, it may cause an electric shock.

Inspection and maintenance

- When the air conditioner is used for several seasons, the capacity may be lowered due to dirt inside the unit.
- Depending on the condition, an odor may be generated or dehumidified water may not drain out smoothly due to dirt, dust, etc.
- It is recommended that the unit be inspected and maintained (charged) by a specialist in addition to normal maintenance. Consult your dealer.

Operating sound considerations

- Do not put an object around the air outlet of the outdoor unit. This may lower the capacity or increase the volume of the operating sound.
- If an abnormal sound is heard during operation, consult your dealer.

Relocation

- When the air conditioner is to be removed or re-installed because of rebuilding, moving, etc., special techniques and work are required.

⚠️ WARNING

Repairs or relocation should not be done by the customer.
If this is done incorrectly, it may cause a fire, an electric shock, or an injury from the unit falling, water leaking, etc. Consult your dealer.

Disposal

To dispose of this product, consult your dealer.

If you have any questions, consult your dealer.

Guaranteed operating range

<table>
<thead>
<tr>
<th></th>
<th>Indoor</th>
<th>Outdoor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper limit</td>
<td>32 °C DB</td>
<td>40 °C DB</td>
</tr>
<tr>
<td>Lower limit</td>
<td>21 °C DB</td>
<td>21 °C DB</td>
</tr>
<tr>
<td>Heating</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper limit</td>
<td>27 °C DB</td>
<td>24 °C DB</td>
</tr>
<tr>
<td>Lower limit</td>
<td>20 °C DB</td>
<td>-5.5 °C DB</td>
</tr>
</tbody>
</table>

⚠️ WARNING

If the air conditioner operates but does not cool or heat (depending on model) the room, consult your dealer since there may be a refrigerant leak. Be sure to ask the service representative whether there is refrigerant leakage or not when repairs are carried out.

The refrigerant charged in the air conditioner is safe. Refrigerant normally does not leak, however, if refrigerant gas leaks indoors, and comes into contact with the fire of a fan heater, space heater, stove, etc., harmful substances will be generated.