

Компания Полель - официальный  
дистрибьютор **SANYO**

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Кондиционеры  
Сплит-системы  
Полупромышленные кондиционеры  
Мультizonальные **VRF** системы кондиционирования  
Чиллеры

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# Contents

|                                      | Page |
|--------------------------------------|------|
| Product Information.....             | 2    |
| Alert Symbols.....                   | 2    |
| Installation Location.....           | 3    |
| Electrical Requirements.....         | 3    |
| Safety Instructions.....             | 3    |
| Names of Parts.....                  | 4    |
| Remote Control Unit.....             | 5    |
| Operation.....                       | 8    |
| Adjusting the Airflow Direction..... | 9    |
| Special Remarks.....                 | 11   |
| Setting the Timer.....               | 12   |
| Care and Cleaning.....               | 14   |
| Troubleshooting.....                 | 17   |
| Tips for Energy Saving.....          | 17   |

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## Product Information

If you have problems or questions concerning your Air Conditioner, you will need the following information. Model and serial numbers are on the nameplate on the bottom of the cabinet.

Model No. \_\_\_\_\_ Serial No. \_\_\_\_\_

Date of purchase \_\_\_\_\_

Dealer's address \_\_\_\_\_

Phone number \_\_\_\_\_

### DECLARATION OF CONFORMITY

This product is marked «**CE**» as it satisfies EEC Directive No. 89/336/EEC, 73/23/EEC and 93/68/EEC, and conforms with following standards. This declaration will become void in case of misuse and/or from non observance though partial of Manufacturer's installation and/or operating instructions.

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## Alert Symbols

The following symbols used in this manual, alert you to potentially dangerous conditions to users, service personnel or the appliance:



**WARNING**

This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.



**CAUTION**

This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

# Installation Location

- We recommend that this air conditioner be installed properly by qualified installation technicians in accordance with the Installation Instructions provided with the unit.
- Before installation, check that the voltage of the electric supply in your home or office is the same as the voltage shown on the nameplate.



## WARNING

- Do not install this air conditioner where there are fumes or flammable gases, or in an extremely humid space such as a greenhouse.
- Do not install the air conditioner where excessively high heat-generating objects are placed.

### Avoid:

To protect the air conditioner from heavy corrosion, avoid installing the outdoor unit where salty sea water can splash directly onto it or in sulphurous air near a spa.

# Electrical Requirements

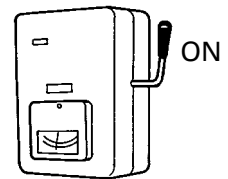
1. All wiring must conform to the local electrical codes. Consult your dealer or a qualified electrician for details.
2. Each unit must be properly grounded with a ground (or earth) wire or through the supply wiring.
3. Wiring must be done by a qualified electrician.



## CAUTION

To warm up the system, the power mains must be turned on at least five (5) hours before operation. Leave the power mains ON unless you will not be using this appliance for an extended period.

Power mains



# Safety Instructions

- Read this Instruction Manual carefully before using this air conditioner. If you still have any difficulties or problems, consult your dealer for help.
- This air conditioner is designed to give you comfortable room conditions. Use this only for its intended purpose as described in this Instruction Manual.



## WARNING

- Never touch the unit with wet hands.
- Never use or store gasoline or other flammable vapor or liquid near the air conditioner — it is very dangerous.
- This air conditioner has no ventilator for intaking fresh air from outdoors. You must open doors or windows frequently when you use gas or oil heating appliances in the same room, which consume a lot of oxygen from the air. Otherwise there is a risk of suffocation in an extreme case.



## CAUTION

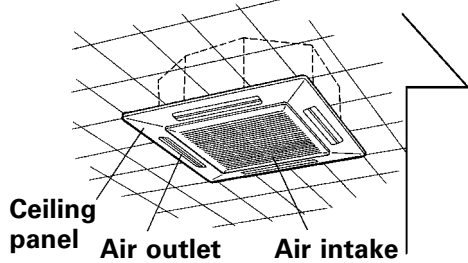
- Do not turn the air conditioner on and off from the power mains switch. Use the ON/OFF operation button.
- Do not stick anything into the air outlet of the outdoor unit. This is dangerous because the fan is rotating at high speed.
- Do not let children play with the air conditioner.
- Do not cool or heat the room too much if babies or invalids are present.

# Names of Parts

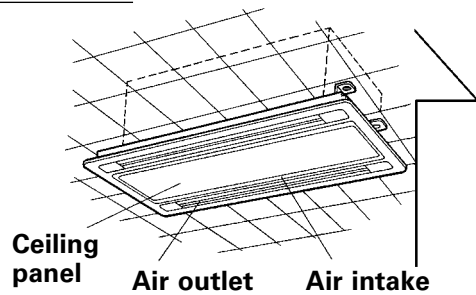
## INDOOR UNIT

### SEMI-CONCEALED

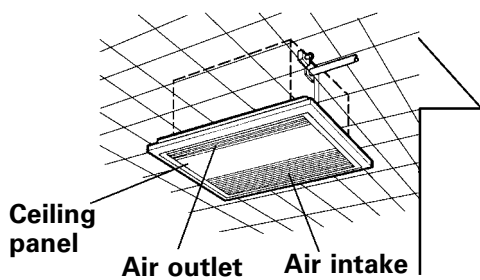
#### X type (4-WAY)



#### S type (2-WAY)

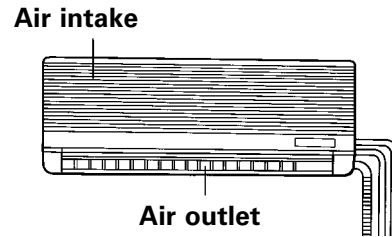


#### AS type (1-WAY)



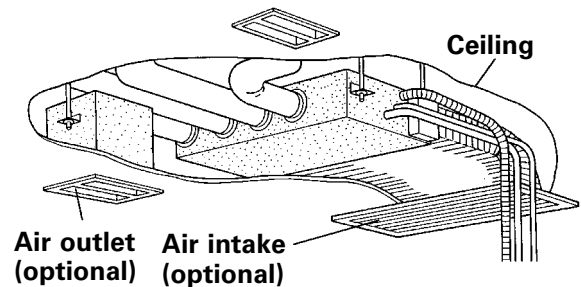
### WALL-MOUNTED

#### K type

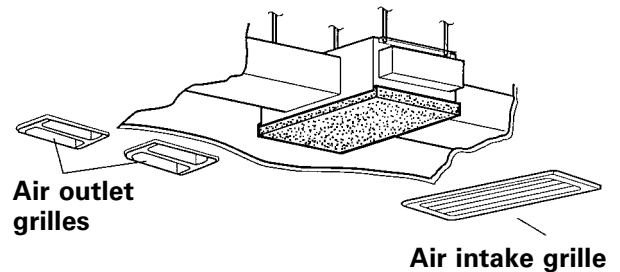


### CONCEALED DUCT

#### U type (standard static pressure)

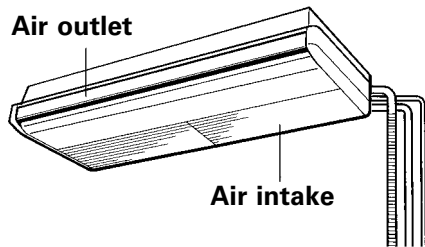


#### D type (high static pressure)

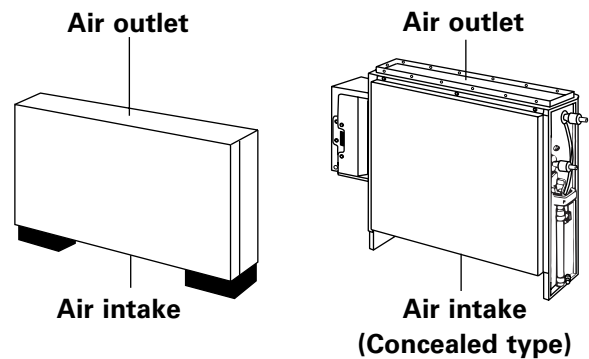


### CEILING-MOUNTED

#### T type

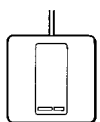


### FLOOR STANDING TYPE

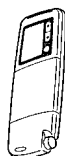


### REMOTE CONTROL UNITS (optional)

(Wired type: available for all indoor units)



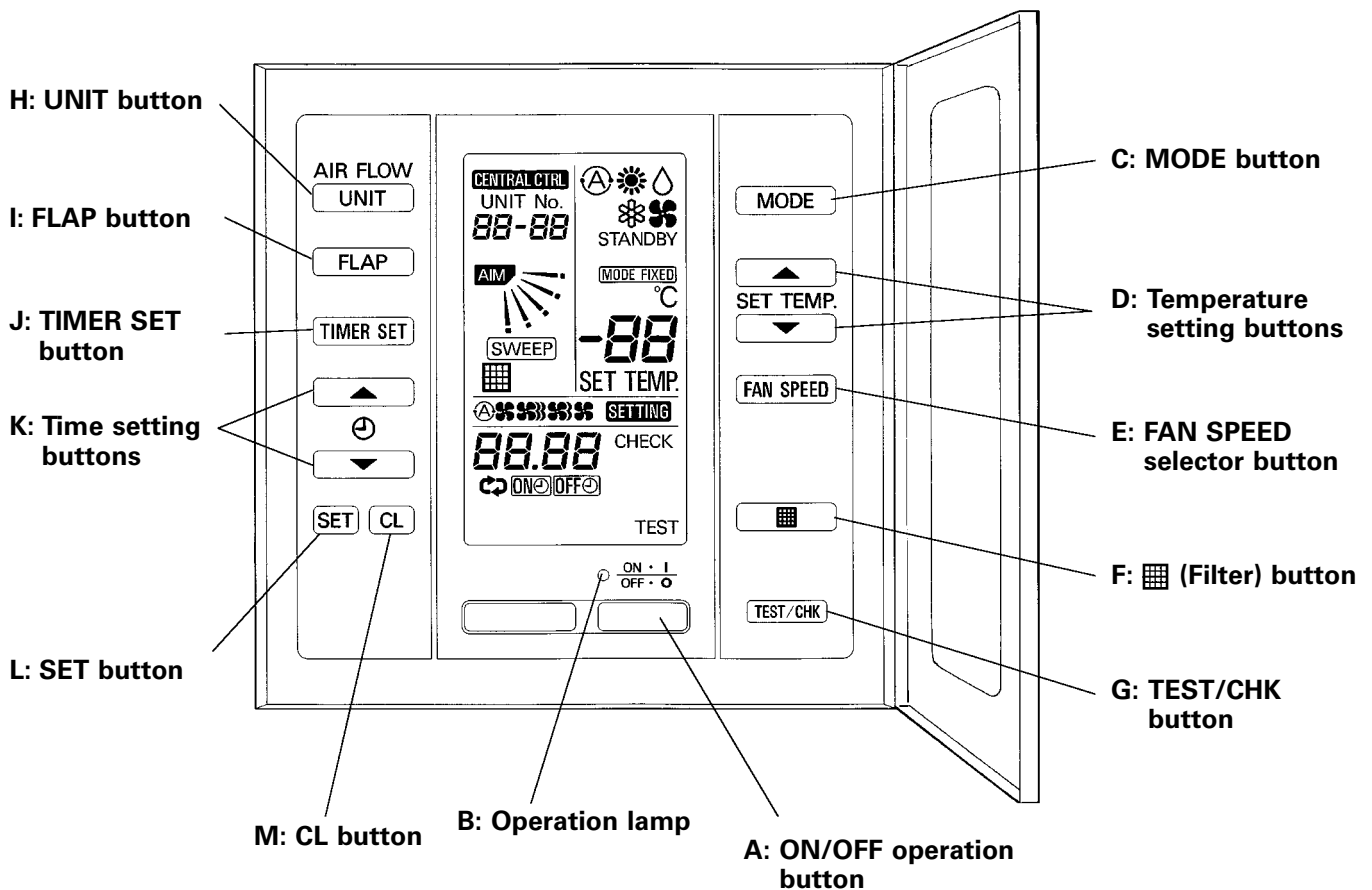
(Wireless type: available only for X and T.)



### NOTE

This illustration is based on the external appearance of a standard model. Consequently, the appearance may differ from that of the air conditioner you have selected.



# Remote Control Unit



|                                       |   |
|---------------------------------------|---|
| <b>A: ON/OFF operation button</b>     | This button is for turning the air conditioner on and off.  |
| <b>B: Operation lamp</b>              | This lamp lights when the air conditioner is turned on.   |
| <b>C: MODE button</b>                 | Use this button to select one of the following five operating modes.<br>(AUTO) ☼ : Used to automatically set cooling or heating operation.<br>Only for single heat pump type (temperature range: 17 ~ 27°C)<br>(HEAT) ☀ : Used for normal heating operation.<br>Only for heat pump type (temperature range: 16 ~ 26°C)<br>(DRY) ♀ : Used for dehumidifying without changing the room temperature.<br>(temperature range: 18 ~ 30°C)<br>(COOL) ☼ : Used for normal cooling operation.<br>(temperature range: 18 ~ 30°C)<br>(FAN) ☼ : Used to run the fan only, without heating or cooling operation. |
| <b>D: Temperature setting buttons</b> | ▲ : Press this button to increase the temperature setting.<br>▼ : Press this button to decrease the temperature setting.  |
| <b>E: FAN SPEED selector button</b>   | ☼☼ : The air conditioner automatically decides the fan speed.<br>☼☼☼ : High fan speed<br>☼☼☼☼ : Medium fan speed<br>☼☼☼☼☼ : Low fan speed   |
| <b>F: ☼ button (Filter)</b>           | Use this button to reset the filter sign ☼ (timer). The air conditioner has a timer for the filter and informs you when the filter needs cleaning.  |

**EG**

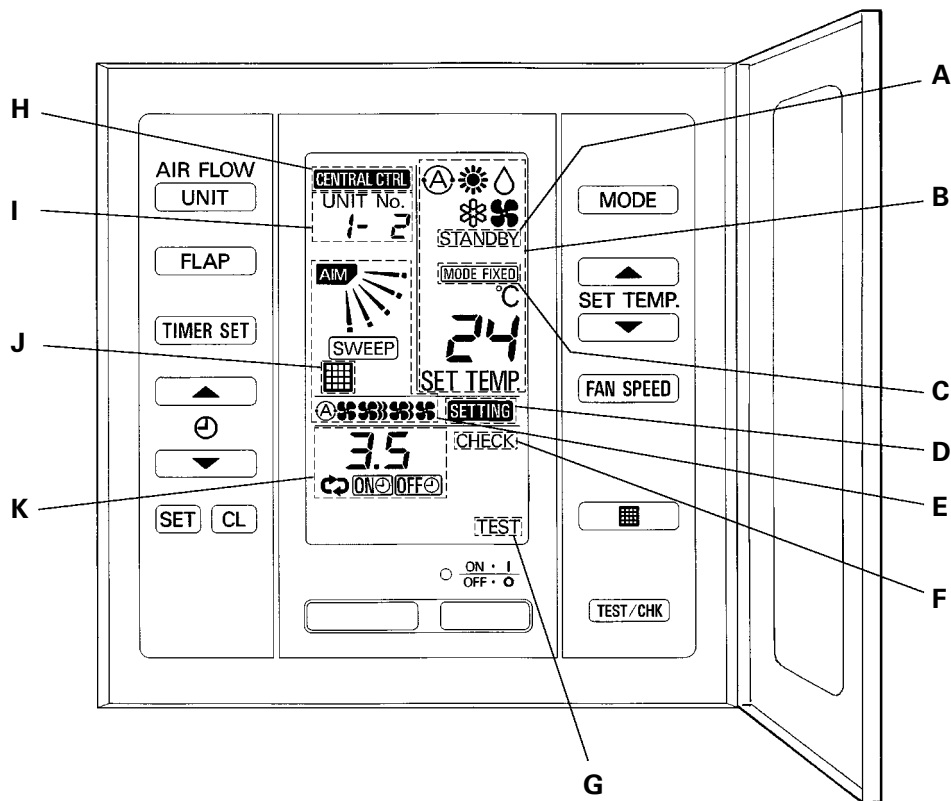
## Remote Control Unit (continued)

| <p><b>G: TEST/CHK button</b></p>  <p><b>CAUTION</b></p>   | <p>This button is used only when servicing the air conditioner.</p> <p><b>Do not use the TEST/CHK button for normal operation.</b></p>   |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
|--|--|----------------|--------------------------------------|----------------------|---|----------------------|---|----------|--|---------------|---|---------------|---|
| <p><b>H: UNIT button</b></p>   | <p>When more than one indoor unit is connected, this button is used to select a unit when adjusting the airflow direction.<br/>If no unit is selected, the airflow direction of all units can be adjusted concurrently using the FLAP button.</p>  |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| <p><b>I: FLAP button (AIM)</b></p>  <p><b>CAUTION</b></p> <p><b>NOTE</b></p> <p><b>(SWEEP)</b></p> <p><b>NOTE</b></p> | <p>1. Use this button to set the airflow direction to a specific angle. The airflow direction is displayed on the remote control unit.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: left;">Operation mode</th> <th style="text-align: left;">Number of airflow direction settings</th> </tr> </thead> <tbody> <tr> <td>❄️ (COOL) or ◊ (DRY)</td> <td>3</td> </tr> <tr> <td>☀️ (HEAT) or 🌀 (FAN)</td> <td>5</td> </tr> <tr> <td>Ⓐ (AUTO)</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">Cooling mode:</td> <td>3</td> </tr> <tr> <td style="padding-left: 20px;">Heating mode:</td> <td>5</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• In the cool mode and dry mode, if the flaps are set in a downward position, condensation may form and drip around the vent.</li> <li>• Do not move the flap with your hands.</li> </ul> <p>This function is available only for models X, S and T.</p> <p>2. Use this button to make the airflow direction sweep up and down automatically. Press this button several times until the <b>[SWEEP]</b> symbol appears on the display.</p> <p>This function is available only for models X, S, T and K.</p> | Operation mode | Number of airflow direction settings | ❄️ (COOL) or ◊ (DRY) | 3 | ☀️ (HEAT) or 🌀 (FAN) | 5 | Ⓐ (AUTO) |  | Cooling mode: | 3 | Heating mode: | 5 |
| Operation mode   | Number of airflow direction settings   |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| ❄️ (COOL) or ◊ (DRY)   | 3  |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| ☀️ (HEAT) or 🌀 (FAN)   | 5  |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| Ⓐ (AUTO)   |  |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| Cooling mode:  | 3  |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| Heating mode:  | 5  |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| <p><b>J: TIMER SET button</b></p> <p><b>(OFF Timer)</b><br/><b>(OFF Cycle Timer)</b><br/><b>(ON Timer)</b></p>   | <p>Use this button while the unit is operating to switch between timer settings.</p> <p><b>[OFF]</b> : The air conditioner stops after the length of time set.<br/> <b>[OFF]</b> : The air conditioner stops after the same set time every time.<br/> <b>[ON]</b> : The air conditioner starts after the length of time set.</p>   |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| <p><b>K: Time setting buttons</b></p>  | <p><b>[▲]</b> : Press this button to increase the time.<br/> <b>[▼]</b> : Press this button to decrease the time.</p>  |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| <p><b>L: SET button</b></p>  | <p>Use this button to set the timer.</p>   |                |                                      |                      |   |                      |   |          |  |               |   |               |   |
| <p><b>M: CL button</b></p>   | <p>Use this button to clear the timer setting.</p>   |                |                                      |                      |   |                      |   |          |  |               |   |               |   |

**NOTE**

- 1) When two remote control units are being used in one group control\* system,
  - a) the most recent button that is pressed on any remote control unit is effective.
  - b) either a main-remote control unit or a sub-remote control can set the timer.
    - \* Group control means that maximum up to 8 indoor units can be concurrently controlled with a remote control unit.
- 2) If a power failure occurs in timer mode, the time counted up to that point will be stored in memory. After power is restored, the timer starts again counting up to the set time.

# Display (Remote Control Unit)



## Description

- A:** When the unit is in the heating standby mode, the STANDBY indicator appears. (Refer to the description of the special remarks)
- B:** The currently selected operation mode is displayed.
- C:** This is displayed if a different operation mode was selected already by another remote control unit and indicates that the mode cannot be changed.
- D:** When the TIMER SET button is pressed to set the timer, the **SETTING** indicator flashes.
- E:** The currently selected FAN SPEED, fan AIM and SWEEP status are displayed.
- F:** This is displayed only if an abnormality occurs within a unit.
- G:** When the TEST/CHK button is pressed, the TEST indicator appears.
- H:** This is displayed to indicate that the system controller is being used for control.  
When **CENTRAL CTRL** is flashing on the display, the operation is not accepted by the system controller.
- I:** This indicates the indoor unit address in case of group control.

Unit No.

1 - 2

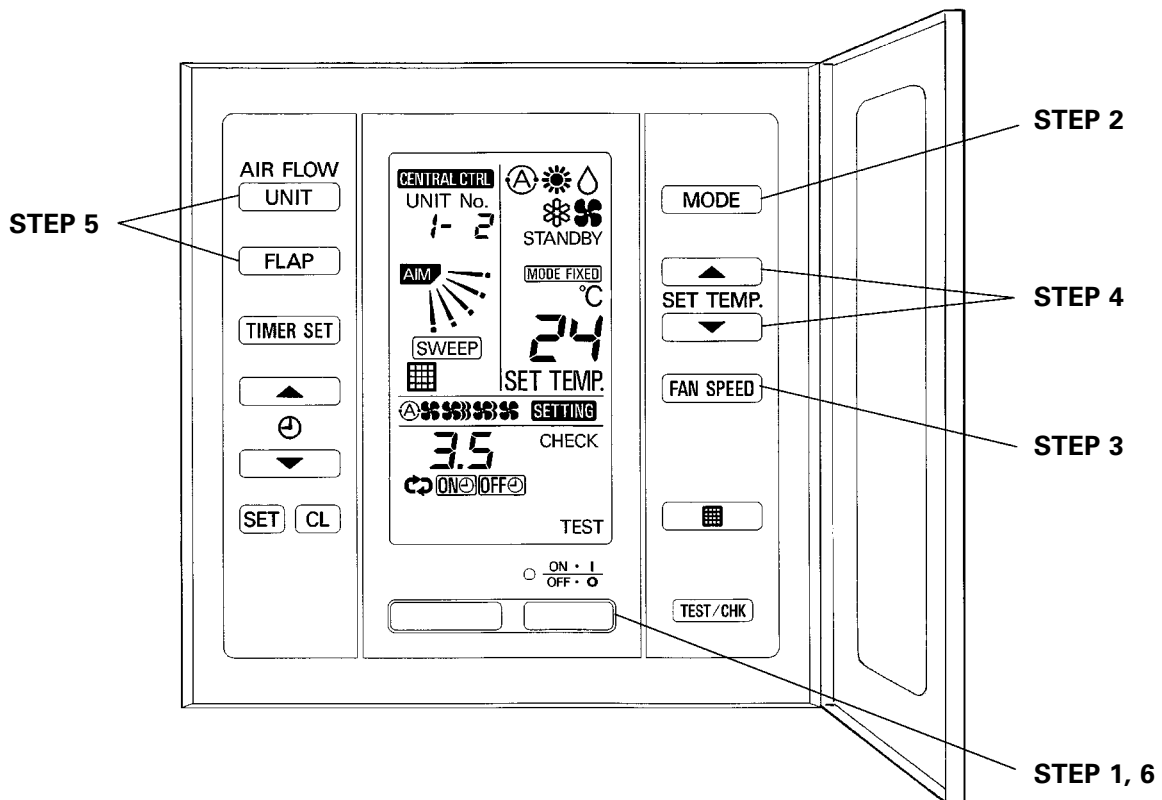
↑ Indoor unit No.

↑ Refrigerant circuit No.

- J:** This is displayed if it is time to clean the filter.
- K:** When setting the timer, the selected timer mode is displayed.

EG

# Operation



**NOTE**

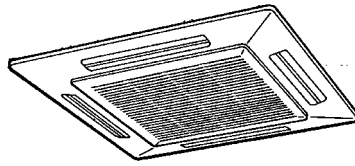
To warm up the system, the power mains must be turned on at least five (5) hours before operation.

- STEP 1 To start the air conditioner**  
Press the operation button (ON/OFF button).
- STEP 2 Setting the mode**  
Press the MODE button to select the mode of your choice.  
[△(AUTO), \* (HEAT), △ (DRY), \* (COOL) or \* (FAN)]
- STEP 3 Setting the fan speed**  
Press the FAN SPEED button to select the fan speed of your choice.  
[△\* (AUTO), \* (HI.), \* (MED.) or \* (LO.)]  
  
If AUTO is selected, the fan speed switches automatically.
- STEP 4 Setting the temperature**  
Use the ▼ or ▲ button as appropriate to change the temperature setting as desired.  
(▼ reduces the temperature, and ▲ increases the temperature.)
- STEP 5 Setting the airflow direction**  
When more than one indoor unit is connected, the UNIT button is used first to select a unit. Then use the FLAP button to set the airflow direction to a specific angle or to sweep. (Refer to the description of the remote control unit.)
- STEP 6 To stop the air conditioner**  
Press the operation button (ON/OFF button) again.

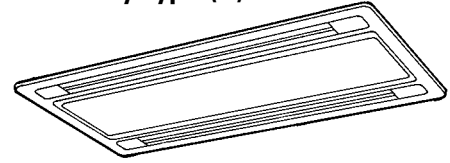
# Adjusting the Airflow Direction

## ■ Semi-concealed type

4-way type (X)



2-way type (S)



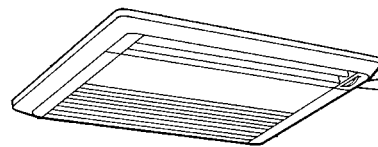
This air conditioner is equipped with auto flaps. You can set the airflow direction to a specific angle or to the sweep mode using the remote control unit. (Refer to the description of the remote control unit.)



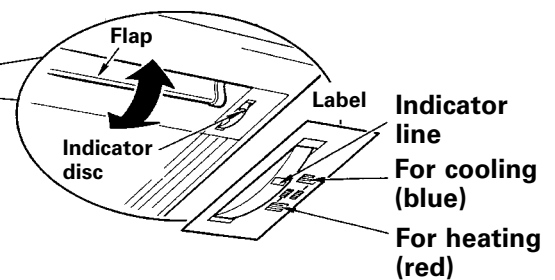
**CAUTION**

**Do not move the flap with your hands.**

1-way type (AS)



**This air conditioner is not equipped with an auto flap. (Manual adjusting only)**



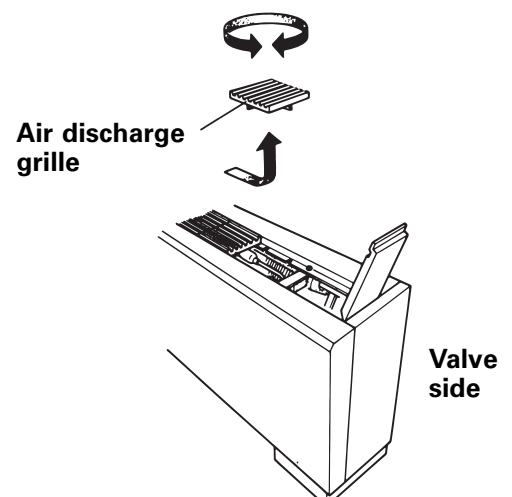
Hold the flap and move it up and down to adjust the direction of the airflow. When the flap moves, the line engraved on the rim of the disc will move up and down.

In the cool mode, manually adjust the angle of the flap so that the indicator is in line with the blue rectangular mark on the label. Otherwise, condensation may drip onto the floor.

In the heat mode, adjust the flap so that the indicator is in line with the red rectangular mark.

## ■ Floor standing type (F)

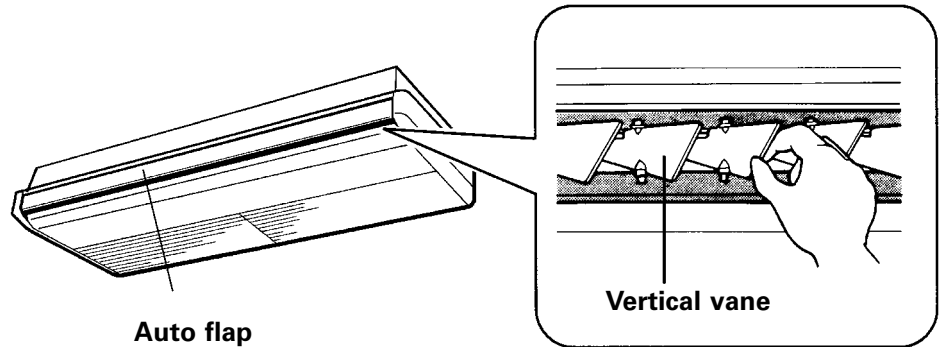
It is possible to change the airflow direction. Remove the air discharge grille by sliding it to the right and then lifting it out. Turn the grille as desired (90, 180, or 270 degrees) and then replace it.



**EG**

## Adjusting the Airflow Direction (continued)

### ■ Ceiling mounted type (T)



#### A. Vertical directions (automatic)

This air conditioner is equipped with an auto flap. You can set the airflow direction to a specific angle or to the sweep mode using the remote control unit. (Refer to the description of the remote control unit.)



**CAUTION**

**Do not move the flap with your hands.**

#### B. Horizontal directions (manual)

The horizontal airflow direction can be adjusted manually by moving the vertical vanes to the left or right.

### ■ Wall mounted type (K)

#### A. Vertical directions (automatic)

Confirm that the remote control unit has been turned on. Press the FLAP button to start the flap moving up and down. If you want to stop the flap movement and to direct the air in the desired direction, press the FLAP button again. In the cool mode, don't direct the flap down more than 30°, otherwise, condensation may drip on to the floor. Zone "A" is the recommended flap position for cooling.

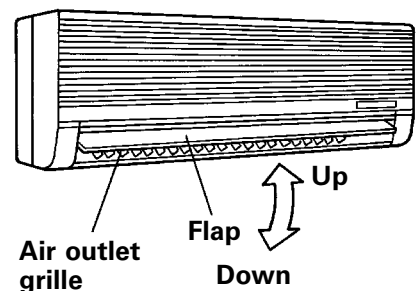
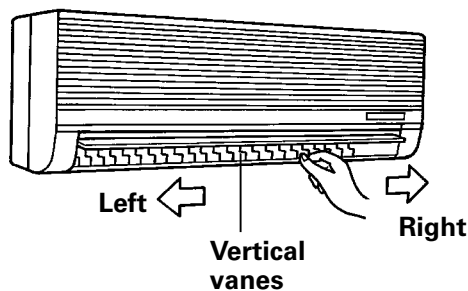
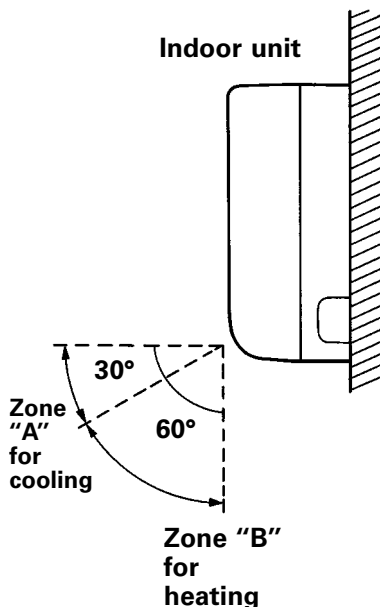


**CAUTION**

**Do not move the flap with your hands.**

#### B. Horizontal directions (manual)

The horizontal airflow can be adjusted manually by moving the vertical vanes to the left or right.



### ■ Concealed duct type (U or D)

This air conditioner is not equipped with air outlet parts. These must be obtained locally. Please refer to the manual of the locally adopted air outlet parts.

# Special Remarks

## **"DRY" Operation**

### **How it works?**

- Once the room temperature reaches the level that was set, the unit repeats the cycle of turning on and off automatically.
- In order to prevent the humidity in the room from rising again, the indoor fan also turns off when the unit stops operating.
- The fan speed is set to "LO." automatically, and cannot be adjusted.
- "DRY" operation is not possible if the outdoor temperature is 15 °C or less.

## **Heating Operation**

### **Heating performance**

- Because this appliance heats a room by utilizing the heat of the outside air (heat pump system), the heating efficiency will fall off when the outdoor temperature is very low. If sufficient heat cannot be obtained with this heat pump, use another heating appliance in conjunction with this unit.

### **Defrosting**

- When the outdoor temperature is low, frost or ice may form on the outdoor heat exchanger coil, reducing the heating performance. When this happens, a microcomputer-controlled defrosting system operates. At the same time, the fan on the indoor unit stops (or runs at very low speed in some cases) and the "STANDBY" indicator appears on the display until defrosting is completed. Heating operation then restarts after several minutes. (This interval will vary slightly depending upon the outdoor temperature and the way in which frost forms.)

### **"STANDBY" on the display**

- For several minutes after the start of heating operation, the indoor fan will not start running (or it will run at very low speed in some cases) until the indoor heat exchanger coil has warmed up sufficiently. This is because a cold draft prevention system is operating. During this period, the "STANDBY" indicator remains displayed.
- "STANDBY" remains displayed during defrosting or when the compressor has been turned off (or when the unit is running at very low speed) by the thermostat when the system is in the heating mode.
- Upon completion of defrosting and when the compressor is turned on again, "STANDBY" will turn off automatically as heating operation resumes.

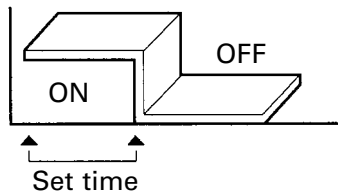
## **NOTE**

### **Should the power fail while the unit is running**

If the power supply for this unit is temporarily interrupted the unit will automatically resume operation (once the power is restored) with the same settings that were in effect before the power was interrupted.

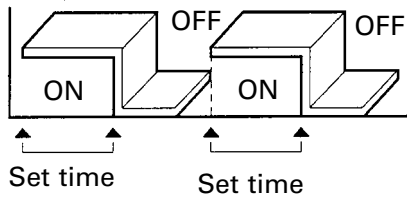
# Setting the Timer

 **OFF timer**



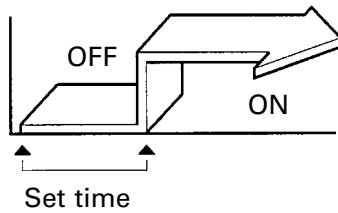
Use this mode to turn off the appliance automatically after the length of time set.

 **OFF cycle timer**



Use this mode to turn the appliance off automatically after the same set time every time.

 **ON timer**



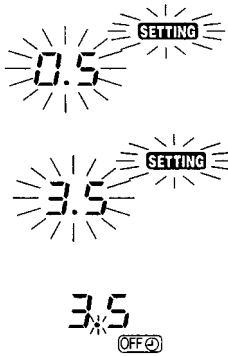
Use this mode to start the appliance automatically after the length of time set.

**NOTE**

When two remote control units are being used either a main-remote control unit or a sub-remote control unit can be used for timer operations. (Refer to the description of the remote control unit.)

## How to set the OFF timer ( OFF )

(Example) To stop the air conditioner after 3.5 hours



- Operation**
1. Press the **ON/OFF** button to start the air conditioner.
  2. Press the **TIMER SET** button to select the **OFF** mode.
  3.
    - Press the **▲** button until 3.5 is displayed.
    - Press the **▼** button if the set time is exceeded.
  4. Press the **SET** button to set the OFF timer.



**Indication**

The **SETTING** and time indications (hour) flash.

## How to set the OFF cycle timer ( OFF )

(Example) To stop the air conditioner after 3.5 hours every time



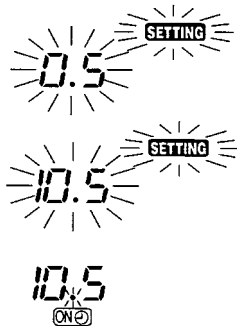
- Operation**
1. Press the **ON/OFF** button to start the air conditioner.
  2. Press the **TIMER SET** button to select the **OFF** mode.
  3. Set the time using the **▲** or **▼** button.
  4. Press the **SET** button to set the OFF cycle timer ( **OFF** ).

**NOTE**

When the OFF cycle timer is set, the unit will stop after 3.5 hours every operation.

## How to set the ON timer ( ON )

(Example) To start the air conditioner after 10.5 hours



- Operation**
1. Press the **ON/OFF** button to start the air conditioner.
  2. Press the **TIMER SET** button to select **ON** mode.
  3.
    - Press the **▲** button until 10.5 is displayed.
    - Press the **▼** button if the set time is exceeded.
  4. Press the **SET** button to set the ON timer.



**Indication**

The **SETTING** and time indications (hour) flash.

**NOTE**

When the ON timer is set, the unit enters the paused state.

# Care and Cleaning



## WARNING

1. For safety, be sure to turn the air conditioner off and also to disconnect the power before cleaning.
2. Do not pour water on the indoor unit to clean it. This will damage the internal components and cause an electric shock hazard.

### Air Intake and outlet side (Indoor Unit)

Clean the air intake and outlet side of the indoor unit with a vacuum cleaner brush, or wipe them with a clean soft cloth.


If these parts are stained, use a clean cloth moistened with a mild liquid detergent. When cleaning the air outlet side, be careful not to force the vanes out of place.



## CAUTION

1. Never use solvents or harsh chemicals when cleaning the indoor unit. Do not wipe plastic parts using very hot water.
2. Some metal edges and the fins are sharp and may cause injury if handled improperly; be especially careful when you clean these parts.
3. The internal coil and other components of the outdoor unit must be cleaned every year. Consult your dealer or service center.

### Air filter

The air filter collects dust and other particles from the air and should be cleaned at regular intervals as indicated in the table below or when the filter indication (  ) on the display of the remote control unit (wired type) shows that the filter needs cleaning. If the filter gets blocked, the efficiency of the air conditioner drops greatly.

| Type   | X          | S          | AS        | T         | K         | U, D*                                | F, FM*    |
|--------|------------|------------|-----------|-----------|-----------|--------------------------------------|-----------|
| Period | Six months | Six months | Two weeks | Two weeks | Two weeks | (depending on filter specifications) | Two weeks |

#### \*Concealed duct type (U, D), Concealed floor standing type (FM):

An air filter is not provided with this air conditioner at the time of shipment. To get clean air and to extend the service life of the air conditioner, an air filter must be installed in the air intake. For installation and cleaning the air filter, consult your dealer or service center.

## NOTE

The frequency with which the filter should be cleaned depends on the environment in which the unit is used.

### How to clean the filter

1. Remove the air filter from the air intake grille.
2. Use a vacuum cleaner to remove light dust. If there is sticky dust on the filter, wash the filter in lukewarm, soapy water, rinse it in clean water, and dry it.

### How to remove the filter

#### 4-way semi-concealed type (X):

1. Remove the bolt screw on each side out of the latch using a screwdriver. (After cleaning, be sure to reattach the two bolt screws.)
2. Press on the two latches of the air intake grille with your thumbs in the direction of the arrow to open the grille.
3. Open the air intake grille downward.



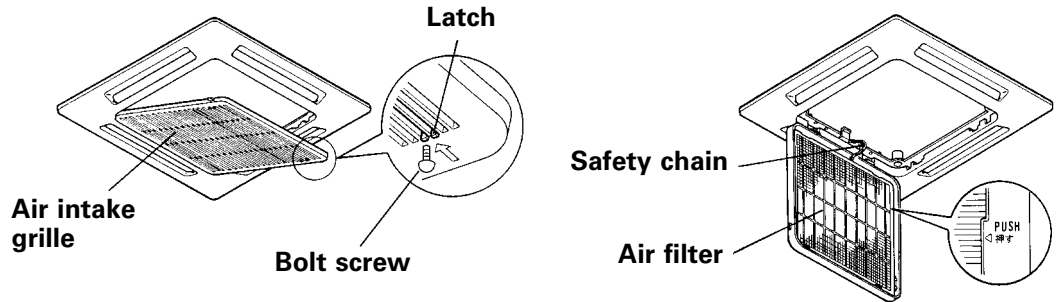
## CAUTION

**When cleaning the air filter, never remove the safety chain. If it is necessary to remove it for servicing and maintenance inside, be sure to reinstall the safety chain securely (hook on the grille side) after the work.**

## Care and Cleaning (continued)

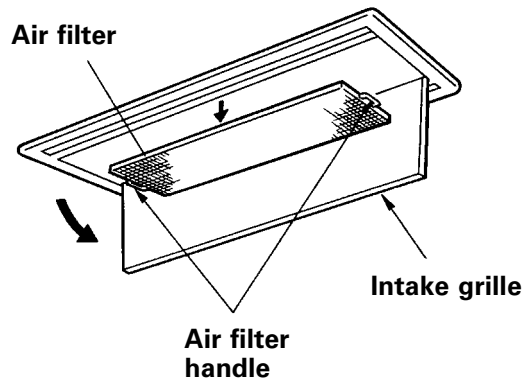
### How to remove the filter (continued)

4. Remove the air filter attached to the air intake grille.



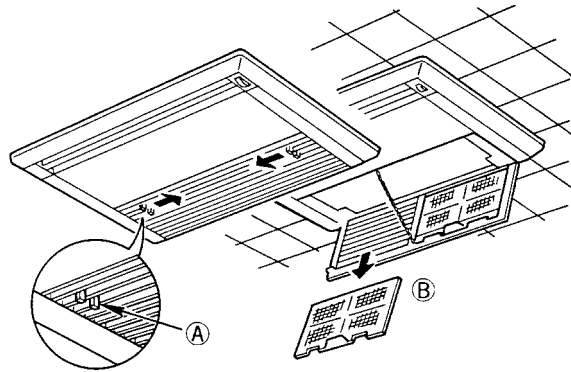
### 2-way semi-concealed type (S):

- Grasp the intake grille, then pull it forward and allow it to drop open. Grasp the handles and remove it.



### 1-way semi-concealed type (AS):

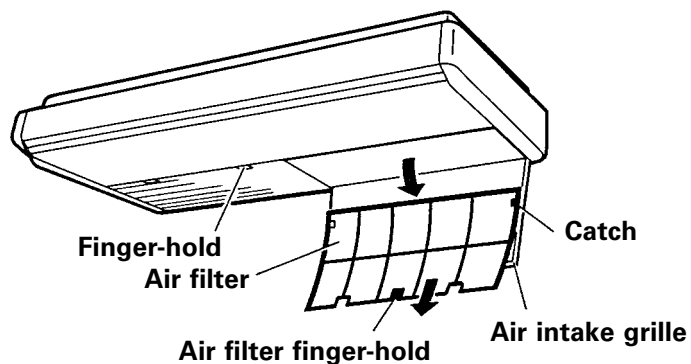
1. Slide the grille lock tabs in the direction of the arrow (A).
2. To remove the air filter, pull the filter tabs downward (B).



EG

### Ceiling-mounted type (T):

1. Take hold of the finger-hold on the air intake grille and press it to the rear, and the grille will open downward.
2. Take hold of the finger-hold on the air filter, first lift it and then pull it toward you to release it from the catch.

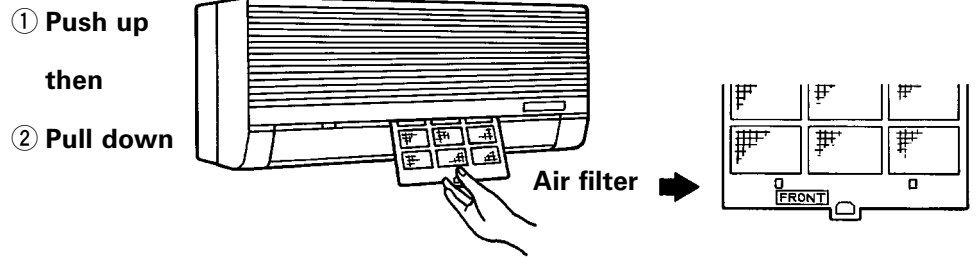


## Care and Cleaning (continued)

### How to remove the filter (continued)

#### Wall-mounted type (K):

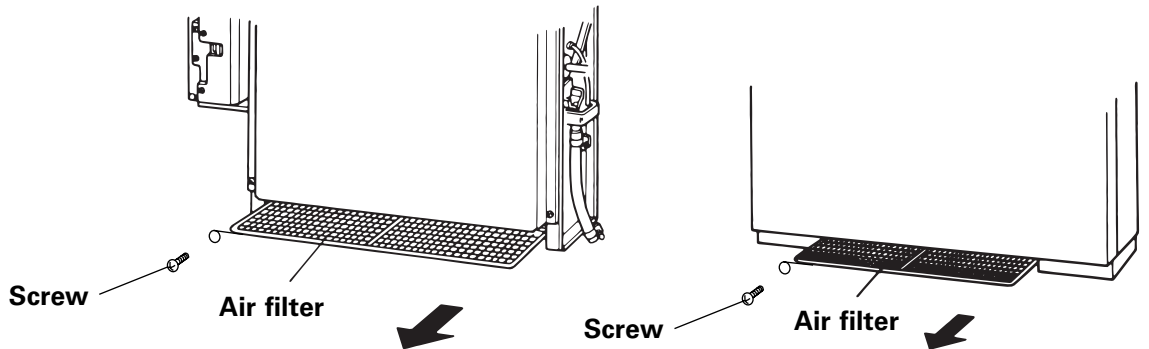
1. Move the flap on the air outlet grille to its lowest position with the remote control unit.
2. The filter is disengaged by pushing the tab up gently. Hold the air filter by the tab at the bottom, and pull downward.



When replacing the filter, make sure that the FRONT mark is facing you. Push it up until you hear it click back into position.

#### Floor standing type (F, FM):

1. Remove the screw at the bottom left of the front panel using a Phillips head screwdriver. (Be sure to replace the screw when cleaning is finished.)
2. Remove the filter by pulling it toward you.



#### Outdoor Unit



**CAUTION**

1. Certain metal edges and the condenser fins are sharp and may cause injury if handled improperly; special care should be taken when you clean these parts.
2. Periodically check the outdoor unit to see if the air outlet or air intake is clogged with dirt or soot.
3. The internal coil and other components of the outdoor unit must also be cleaned periodically. Consult your dealer or service center.

#### Care: After a Prolonged Idle Period

Check the indoor and outdoor unit air intakes and outlets for blockage; if there is a blockage, remove it.

#### Care: Before a Prolonged Idle Period

- Operate the fan for half a day to dry out the inside.
- Disconnect the power supply and also turn off the circuit breaker.
- Clean the air filter and replace it in its original position.
- Outdoor unit internal components must be checked and cleaned periodically. Contact your local dealer for this service.

# Troubleshooting

If your air conditioner does not work properly, first check the following points before requesting service. If it still does not work properly, contact your dealer or a service center.

| Trouble                               | Possible Cause  | Remedy  |
|---------------------------------------|---|---|
| Air conditioner does not run at all.  | <ol style="list-style-type: none"> <li>1. Power failure</li> <li>2. Leakage circuit breaker has tripped.</li> <li>3. Line voltage is too low.</li> <li>4. Operation button is turned off.</li> <li>5. The remote control unit or heat pump is malfunctioning. (ERROR and characters such as EI, PI, FI, etc., appear on the display.)</li> </ol>  | <ol style="list-style-type: none"> <li>1. Restore power.</li> <li>2. Contact service center.</li> <li>3. Consult your electrician or dealer.</li> <li>4. Press the button again.</li> <li>5. Consult your dealer.</li> </ol>  |
| Compressor runs but soon stops.       | <ol style="list-style-type: none"> <li>1. Obstruction in front of condenser coil</li> </ol>   | <ol style="list-style-type: none"> <li>1. Remove obstruction.</li> </ol>  |
| Poor cooling (or heating) performance | <ol style="list-style-type: none"> <li>1. Dirty or clogged air filter</li> <li>2. Heat source or many people in room</li> <li>3. Doors and/or windows are open.</li> <li>4. Obstacle near air intake or air discharge port</li> <li>5. Thermostat is set too high for cooling (or too low for heating).</li> <li>6. (Outdoor temperature is too low).</li> <li>7. (Defrosting system does not work.)</li> </ol> | <ol style="list-style-type: none"> <li>1. Clean the air filter to improve the airflow.</li> <li>2. Eliminate heat source if possible.</li> <li>3. Shut them to keep the heat (or cold) out.</li> <li>4. Remove it to ensure good airflow.</li> <li>5. Set the temperature lower (or higher).</li> <li>6. (Try to use a back-up heater.)</li> <li>7. (Consult your dealer.)</li> </ol> |
| "CHECK" is displayed.                 | <ol style="list-style-type: none"> <li>1. Trouble in the system</li> </ol>  | <ol style="list-style-type: none"> <li>1. Contact service center.</li> </ol>  |

## Tips for Energy Saving

- Avoid**
- **Do not block the air intake and outlet of the unit. If either is obstructed, the unit will not work well, and may be damaged.**
  - Do not let direct sunlight into the room. Use sunshades, blinds or curtains. If the walls and ceiling of the room are warmed by the sun, it will take longer to cool the room.
- Do**
- Always try to keep the air filter clean. (Refer to "Care and Cleaning.") A clogged filter will impair the performance of the unit.
  - To prevent conditioned air from escaping, keep windows, doors and any other openings closed.

### NOTE

#### Should the power fail while the unit is running

If the power supply for this unit is temporarily interrupted the unit will automatically resume operation (once the power is restored) with the same settings that were in effect before the power was interrupted.