

OPERATING MANUAL

AIR CONDITIONER

CASSETTE TYPE

Indoor Unit

AUG18AW

AUG25AW

AUG25AW(3)

AUG30AW

AUG36AW(3)

AUG45AW(3)

Outdoor Unit

AOG18AZ

AOG25AZ

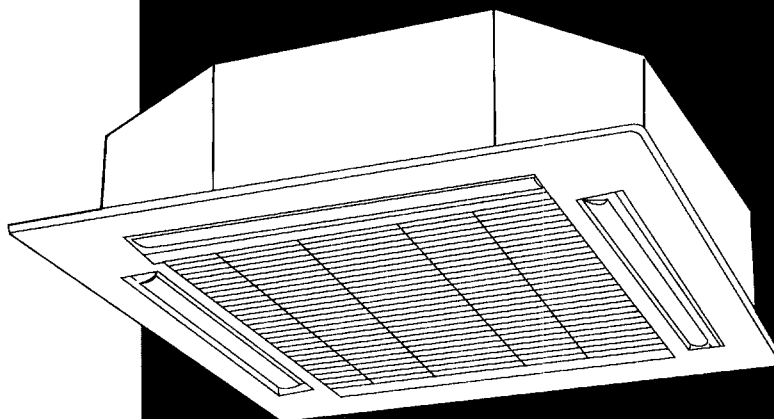
AOG25AC(3)

AOG30AB

AOG36AC(3)

AOG45AC(3)

COOLING MODEL



English

Español

中國語

KEEP THIS OPERATION MANUAL
FOR FUTURE REFERENCE

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PRECAUTIONS

- Before using the appliance, read these "PRECAUTIONS" thoroughly and operate in the correct way.
- The instructions in this section all relate to safety; be sure to maintain safe operating conditions.
- "CAUTION" and "WARNING" have the following meanings in these instructions:

 WARNING!	This mark indicates procedures which, if improperly performed, might lead to the death of serious injury of the user.
 CAUTION!	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.

Safety Symbols



△ The triangular symbol indicates WARNING and CAUTION items.



⊘ This symbol indicates prohibited operations. The prohibited action is indicated both within the symbol, and in nearby explanations.



● This symbol indicates instructions regarding operations which are to be performed by the user.



DANGER

Do not attempt to install this air conditioner by yourself.

- Consult authorized service personnel for all installations.



Consult authorized service personnel for any repairs.

- Do not attempt to remove parts, or service the unit yourself, since you may be exposed to dangerous electrical shock. This appliance contains no user-serviceable parts.



When moving, consult authorized service personnel for disconnection and installation of the unit.



PRECAUTIONS



DANGER

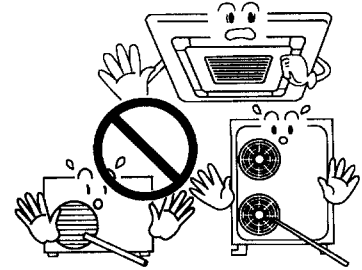
Do not stay in direct cooling airflow for long periods.

- Excessive direct exposure to chilled air could be bad for your health.
- Be especially careful when going to bed, and in rooms where infants, aged, or sick people are staying.

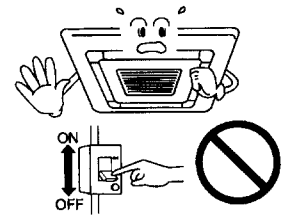


Do not insert fingers or objects into the outlet port or intake grilles.

- A fan operates at high speed inside the unit, and personal injury could result.
- Be particularly careful regarding small children.



Do not start and stop air conditioner operation by turning off the electrical breaker and so on.



In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.

- Continuing to operate the unit under such conditions could lead to hazard of fire or electrical shock.



PRECAUTIONS



CAUTION

Provide occasional ventilation during use.

- Be careful to provide adequate ventilation particularly when using the unit in combination with other heating apparatus.
- Insufficient ventilation could lead to oxygen starvation.

Do not direct air flow at fireplaces or heating apparatuses.

- Direct air blowing on fires could result in improper combustion or fire.

Do not climb on, or place objects on, the air conditioner.

- Personal injury could result from a falling object, or if the unit tips over.
- Do not hang on or cover the air conditioner.

Do not set flower vases or water containers on top of air conditioners.

- Water leaking inside the unit could damage electrical insulation, leading to danger of electrical shock.

Do not expose the air conditioner directly to water.

- Electrical insulation could be damaged, resulting in electrical shock.

Do not operate the air conditioner with wet hands.

- Electrical shock could result.

Turn off power source when not using the unit for extended periods.

Always turn off the electrical breaker whenever cleaning the air conditioner or changing the air filter.

- A fan operates at high speed inside the unit, and personal injury could result.

Take precautions to prevent infants from accidentally swallowing batteries.

- A battery can be very harmful if swallowed. If an infant accidentally swallows a battery, make the infant eject it, and consult your physician.

Check the condition of the installation for damage.

- After lengthy use, arrange for visit by authorized service personnel to check installation condition.

Do not place animals or plants in the direct path of the air flow.

- Lengthy exposure to direct Cooling airflow could have adverse influence on plants or animals.



CAUTION

Do not drink the water drained from the air conditioner.

Do not use in applications involving the storage of foods, plants or animals, precision equipment, or art works.

- The quality of the stored items may deteriorate.

Take out the batteries from the remote control unit when not using for a long time.

- Take out the batteries to prevent troubles caused by battery liquid leakage.
- If leaking battery fluid comes in contact with your skin, eyes, or mouth, immediately wash with copious amounts of water, and consult your physician.

Do not touch the heat exchanger radiator fins.

- Personal injury could result.
- Be particularly careful when cleaning.
- Bending or damage to the fins will affect the efficiency of the unit.

Always operate with the air filter installed.

- Operating the unit without the air filter could cause excessive dirt to collect on internal parts, leading to malfunction.

Do not block or cover the intake grille and outlet port.

- Obstructing the ports will reduce operating efficiency, leading to improper operation and possible damage.

Install the indoor unit and remote control unit at least one meter from any television sets or radio.

- Signal radiation could be induced into the system to give erroneous operation.

Avoid installing the air conditioner near a fireplace or other heating apparatus.

- Exposure to excessive heat could result in deformation of the outer case.

When installing the indoor unit and outdoor unit, take precautions to prevent access by infants.

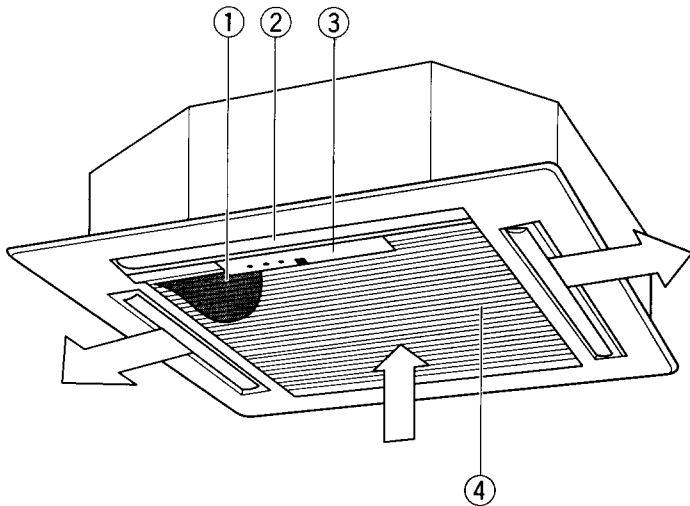
- Unexpected accidents could occur.

Do not use inflammable gases near the air conditioner.

NAME AND FUNCTION OF PARTS

For details of operation, see the pages indicated by the  mark.

Indoor Unit



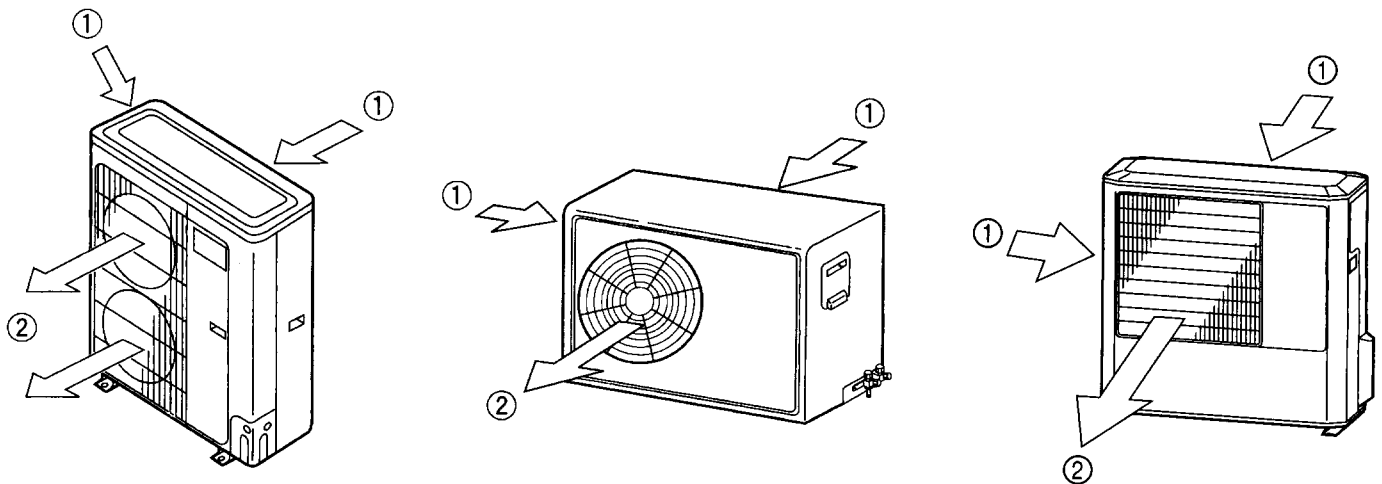
- ① **Air Filter**
Removes all the dirt and dust from the air.
- ② **Horizontal Louvers** ( P. 17)
Varies the air direction to the front and downward.
- ③ **Indicator Lamps** ( P. 7)
- ④ **Air Intake Grille**
Air is taken in here.

Electrical Breaker



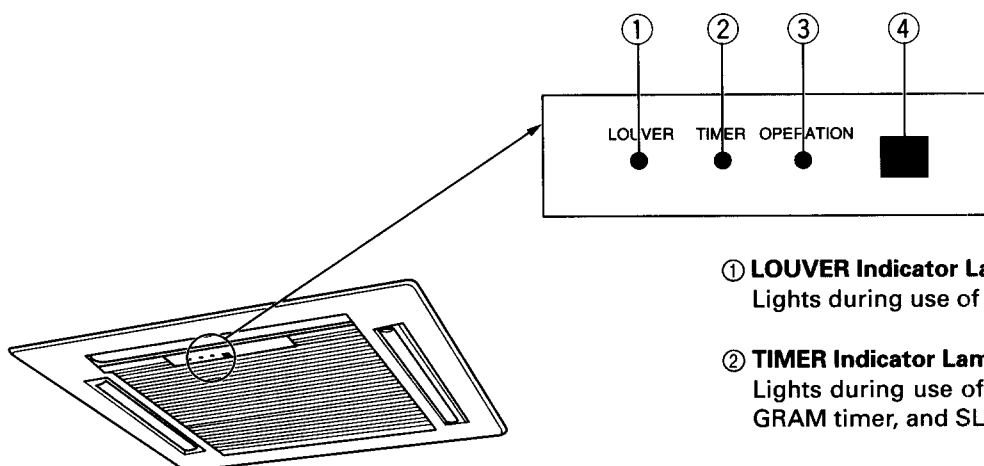
This switch is installed during the electrical installation.

Outdoor Unit



- ① **Air inlet**
Outside air is taken in.
- ② **Air outlet**
Warm air is blown out.

Indicator Lamps

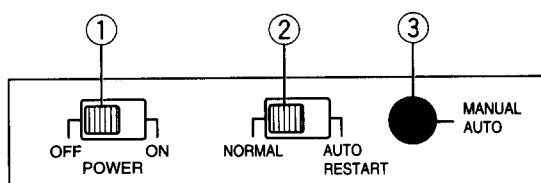


- ① **LOUVER Indicator Lamp (orange)**
Lights during use of the AUTO LOUVER.
- ② **TIMER Indicator Lamp (green)**
Lights during use of the ON timer, OFF timer, and PROGRAM timer, and SLEEP timer (see P. 13 to 15).
- ③ **OPERATION Indicator Lamp (red)**
 - Lights when unit is in operation.
 - Flashes quickly for about one second when a signal is received from the remote control unit.

[When the OPERATION indicator and TIMER indicator flash alternately, it means that the power has been interrupted due to a power failure, etc.]

- ④ **Remote Control Signal Receiver**
Signals from the remote control unit are received here.

Operating Control Panel



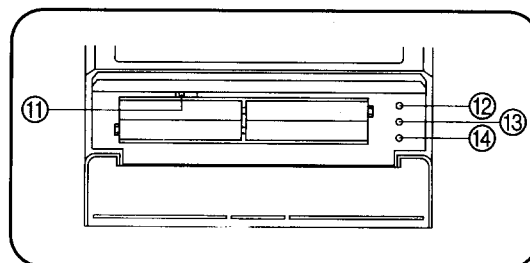
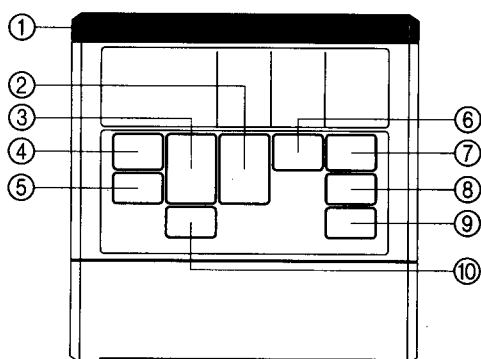
- ① **POWER Switch**
ON: Set to this position when using the unit.
OFF: Set to this position when not using the unit for an extended period of time.
- ② **MODE Switch**
NORMAL: During normal operation, leave in this position.
AUTO RESTART: Set to this position when the air conditioner power was temporarily turned off by a power failure, etc., it will restart automatically after the power recovers.

- Operated by settings before the power failure.
- If a power failure occurs during timer operation, the timer will be reset and the unit will begin (or stop) operating at the new time setting. In the event that this kind of timer fault occurs, the TIMER indicator will flash.

- ③ **MANUAL AUTO Button**
 Use this button for temporary manual operation in the event that the remote control unit's batteries die, or the remote control unit is lost.
 - Fan speed will be set to "AUTO" and the thermostat will be set about 23°C.
 - To stop operation, either press the MANUAL AUTO button once again, or set the power switch to OFF.

NAME AND FUNCTION OF PARTS

Remote Control Unit



① Signal Transmitter

Transmits control signals to the air conditioner.

② SET TEMP. Buttons (▼/▲)

Use to set the desired room temperature.

③ SET TIME Buttons (▼/▲)

Use to make timer settings, to change the time, and to set the clock to the current time (see P. 10 and 13 to 15).

④ TIMER Button

Use to select the various timer modes (OFF timer, ON timer, PROGRAM timer, SLEEP timer).

⑤ SLEEP Button

Press to select SLEEP timer.

⑥ FAN CONTROL Button

Use to select the fan speed (AUTO, LOW, MED, HIGH).

⑦ MASTER CONTROL Button

Use to select the various operating modes (AUTO, COOL, DRY, FAN).

⑧ ENERGY SAVE Button

Turns the energy efficient mode on and off.

⑨ START/STOP Button

Press to start and stop operation.

⑩ LOUVER Button (see P. 17)

Press it start and stop auto louver operation. Press it to turn on and press again to turn off.

⑪ CODE CHANGE Switch

- Switching the remote control unit code.
- Use remote control unit code A (on the leftmost side) to operate the unit using the remote control unit.
- When it is necessary to switch the remote control unit code, contact a service technician since the PCB remote control unit code of the indoor unit must also be switched.

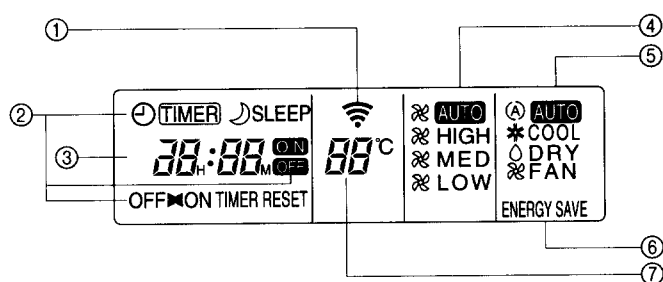
⑫ TIME ADJUST Button (see P. 10)

⑬ TEST RUN Button

- This button is used when installing the air conditioner, and should not be used under normal conditions, since it will cause the air conditioner's thermostat function to stop operating properly.
- If this button is pressed during normal operation, the unit will switch to test operation mode, and the room unit's operation lamp and timer lamp will begin to flash simultaneously.
- To stop the test operation mode, press the Operation Stop button to stop the air conditioner.

⑭ ACL Button (see P. 10)

Remote Control Unit Display



① Transmit Indicator

This indicator is displayed when a signal is sent to the air conditioner.

② Timer Mode Display

③ Clock Display

④ Fan Speed Display

⑤ Operating Mode Display

⑥ Energy Save Display

⑦ Temperature Set Display

- * When the remote control unit's batteries run low, the display (especially the transmit indicator) will become faint. Use this as a guide to indicate when batteries should be replaced.
- * To facilitate explanation, the accompanying illustration has been drawn to show all possible indicators; in actual operation, however, the display will only show those indicators appropriate to the current operation.

- Signals will not be transmitted properly if a wall, curtain, or other object is between the air conditioner and the remote control unit.
- The air conditioner may fail to operate properly if strong direct light is allowed to strike the signal receiver. Use a curtain to shade strong sunlight from windows, and place strong lamps at a distance away from the signal receiver.
- If another electric appliance is operated by the remote control unit move the appliance away or consult with authorized service personnel.

- Do not place the remote control unit in locations where it may be subjected to heat from direct sunlight or from heating apparatus.
- Do not subject the remote control unit to strong impacts, and do not allow water or other liquids to splash on it.
- When the remote control unit is used in rooms furnished with instant-lighting type fluorescent lamps, the air conditioner may fail to receive control signals correctly. Consult with authorized service personnel when purchasing a new fluorescent lamp.

PREPARATION

Prepare the Remote Control Unit

Load batteries in the remote control unit and set the clock to the current time.

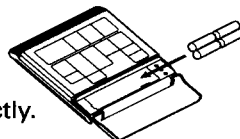
Load Batteries (R03/LR03 × 4)

1 Open the battery compartment lid.

2 Insert batteries.

Be sure to align the battery polarities ($\oplus/\ominus$) correctly.

3 Close the battery compartment lid.



Set the Current time

1 Press the TIME ADJUST button.

Use the tip of a ball-point pen or other small object to press the button.

2 Use the ($\blacktriangle$ / $\blacktriangledown$) SET TIME buttons to adjust the clock to the current time.

$\blacktriangle$ button: Press to advance the time.

$\blacktriangledown$ button: Press to reverse the time.

(Each time the buttons are pressed, the time will be advanced/reversed in one-minute increments; hold the buttons depressed to change the time quickly in ten-minute increments.)

3 Press the TIME ADJUST button again.

This completes the time setting and starts the clock.

⚠ CAUTION!

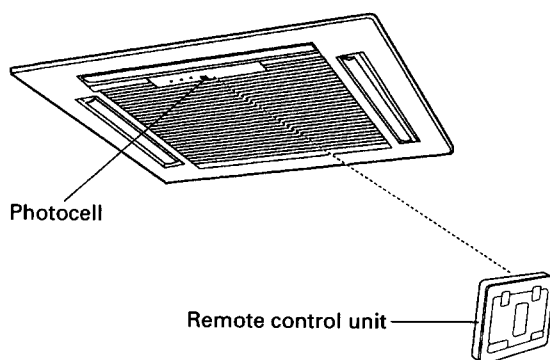
- Take care to prevent infants from accidentally swallowing batteries.
- When not using the remote control unit for an extended period, remove the batteries to avoid possible leakage and damage to the unit.
- If leaking battery fluid comes in contact with your skin, eyes, or mouth, immediately wash with copious amounts of water, and consult your physician.
- Dead batteries should be removed quickly and disposed of properly, either by placing in a public battery collection receptacle, or by returning to appropriate authority.
- Do not attempt to recharge dry batteries.

Never mix new and used batteries, or batteries of different types. Batteries should last about one year under normal use. If the remote control unit's operating range becomes appreciably reduced, replace the batteries and press the ACL button with the tip of a ballpoint pen or other small object.

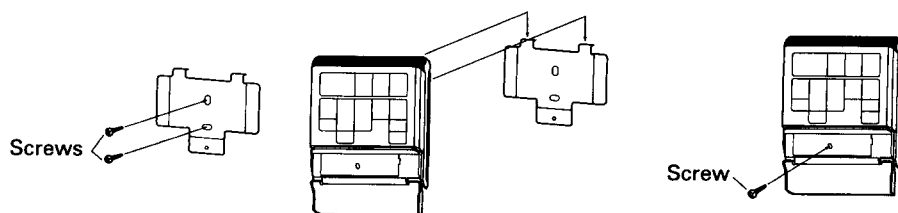
To Use the Remote Control Unit

- Install the remote control so that the front is facing the photocell.
- Install the remote control with a distance of 7 m between the remote control and the grille photocell as the criteria.

However, when installing the remote control, check that it operates positively.



Remote Control Unit Holder



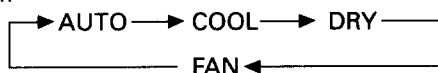
- ① Mount the Holder. ② Set the Remote Control Unit. ③ Mount the Remote Control Unit.

OPERATION

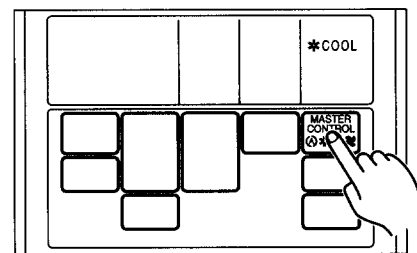
To Select Mode Operation

1 Press the START/STOP button.
The Indoor Unit's OPERATION Indicator lamp (red) will light.
The air conditioner will start operation.

2 Press the MASTER CONTROL button to select the desired mode.
Each time the button is pressed, the mode will change in the following order.



About three seconds later, the entire display will reappear.



Example: When set to COOL.

To Set the Thermostat

Press the SET TEMP. buttons.

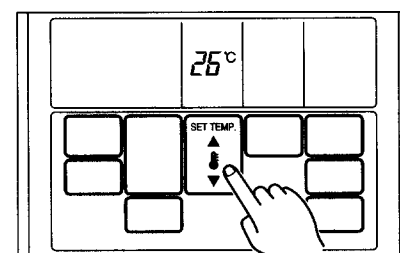
- ▲ button: Press to raise the thermostat setting.
- ▼ button: Press to lower the thermostat setting.

●Thermostat setting range: 18 to 30°C

The thermostat cannot be used to set room temperature during the FAN mode (the temperature will not appear on the remote control unit's display).

About three seconds later, the entire display will reappear.

The thermostat setting should be considered a standard value, and may differ somewhat from the actual room temperature.

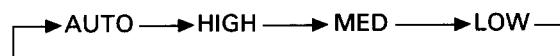


Example: When set to 26°C.

To Set the Fan Speed

Press the FAN CONTROL button.

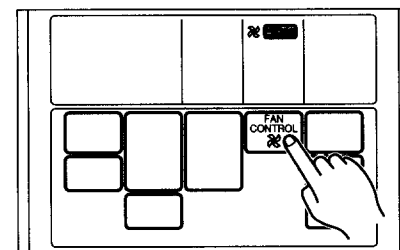
Each time the button is pressed, the fan speed changes in the following order:



About three seconds later, the entire display will reappear.

When set to AUTO:

- Cooling :** As the room temperature approaches that of the thermostat setting, the fan speed becomes slower.
- Dry :** During the dry mode, fan speed is set automatically and cannot be changed.
- Fan :** The fan alternately turns on and off; when on, the fan runs at the low fan speed.



Example: When set to AUTO.

To Stop Operation

Press the START/STOP button.

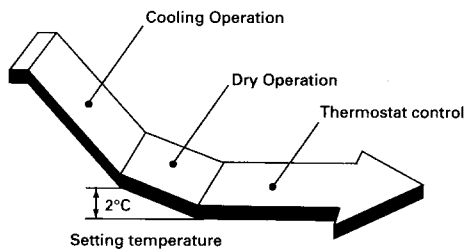
The OPERATION Indicator Lamp (red) will go out.

OPERATION

About Mode Operation

AUTO:

- Merely press the START/STOP button, and the unit will begin automatic operation in the Cooling or Dry mode as appropriate, in accordance with the thermostat setting and the actual temperature of the room.
- When the room temperature is 2°C higher than the set temperature, the mode will switch between Cooling and Drying.
- During Drying mode operation, FAN setting is switched to LOW gentle cooling effect, and the room fan may stop rotating temporarily.
- If the mode automatically selected by the unit is not what you wish, see page 11 and select one of the mode operation (COOL, DRY, FAN).



Cooling:

- Use to cool your room.

Dry:

- Use for gently cooling while dehumidifying your room.
- You cannot heat the room during Dry mode.
- During Dry mode, the unit will operate at low speed; in order to adjust room humidity, the indoor unit's fan may stop from time to time. Also, the fan may operate at very low speed when detecting room humidity.
- Then fan speed cannot be changed manually when Dry mode has been selected.

Fan:

- Use to circulate the air throughout your room.

During Cooling/Dry mode:

Set the thermostat to a temperature setting that is lower than the current room temperature. The Cooling and Dry modes will not operate if the thermostat is set higher than the actual room temperature (in Cooling mode, the fan alone will operate).

During Fan mode:

You can not use the unit to heat and cool your room.

TIMER OPERATION

Before using the timer function, be sure that the Remote Control Unit is set to the correct current time (See page 10).

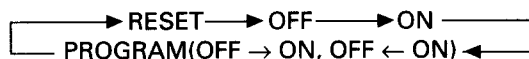
To Use the ON timer or OFF timer

1 Press the START/STOP button (if the unit is already operating, proceed to step 2).

The Indoor Unit's OPERATION Indicator lamp (red) will light.

2 Press the TIMER button to select the OFF timer or ON timer operation.

Each time the button is pressed the timer function changes in the following order:



The indoor unit's TIMER Indicator lamp (green) will light.

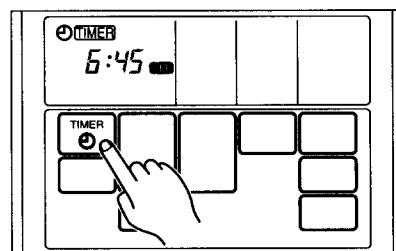
3 Use the SET TIME buttons to adjust the desired OFF time or ON time.

Set the time while the time display is flashing (the flashing will continue for about five seconds).

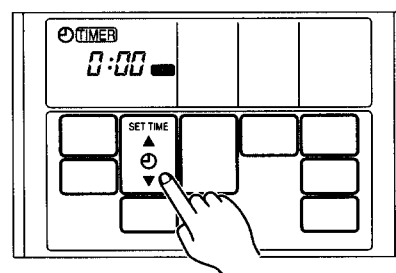
▲ button: Press to advance the time.

▼ button: Press to reverse the time.

About five seconds later, the entire display will reappear.



Example: To set for OFF timer.



Example: To set the OFF timer to turn the air conditioner off at 00:00

About the ON timer

- The timer function is designed to bring your room to a comfortable temperature by the set time; as a result, the unit automatically begins operation before the set time so that the room reaches the desired temperature by the time set on the timer ("Nice-Morning Timer").
- The hotter it is in summer, or the colder it is in winter, the earlier that operation will begin.

During Cooling/Dry Operation ... from 20 to 10 minutes before set time.

During Fan Operation at the set time.

To Control the Timer

Use the TIMER button to select "TIMER RESET."

The air conditioner will return to normal operation.

To Change the Timer Settings

Perform steps 2 and 3.

To Stop Air Conditioner Operation while the Timer is Operating

Press the START/STOP button.

To Change Operating Conditions

If you wish to change operating conditions (Mode, Fan Speed, Thermostat Setting), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

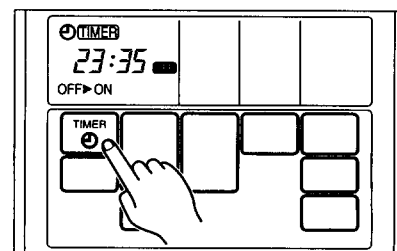
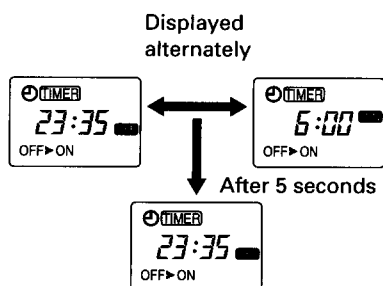
PROGRAM TIMER

Before using the timer function, be sure that the Remote Control Unit is set to the correct current time (See page 10).

To Use the PROGRAM timer

- 1 Press the START/STOP button**
(if the unit is already operating, proceed to step 2).
The Indoor Unit's OPERATION Indicator lamp (red) will light.
- 2 Set the desired times for OFF timer and ON timer.**
See the section "To Use the ON timer or OFF timer" to set the desired mode and times.
About three seconds later, the entire display will reappear.
The indoor unit's TIMER Indicator lamp (green) will light.
- 3 Press the TIMER button to select the PROGRAM timer operation (either OFF → ON or OFF ← ON will display).**
The display will alternately show "OFF timer" and "ON timer", then change to show the time setting for the operation to occur first.
 - The PROGRAM timer will begin operation. (If the ON timer has been selected to operate first, the unit will stop operating at this point.)About five seconds later, the entire display will reappear.

(Example: To set the OFF timer for 23:35 and the ON timer for 6:00)



About the PROGRAM timer

- The PROGRAM timer allows you to integrate OFF timer and ON timer operations in a single sequence. The sequence can involve one transition from OFF timer to ON timer, or from ON timer to OFF timer, within a twenty-four hour period.
- The first timer function to operate will be the one set nearest to the current time. The order of operation is indicated by the arrow in the Remote Control Unit's display (OFF → ON, or OFF ← ON).
- One example of PROGRAM timer use might be to have the air conditioner automatically stop (OFF timer) after you go to sleep, then start (ON timer) automatically in the morning before you arise.

To Cancel the Timer

Use the TIMER button to select "TIMER RESET."
The air conditioner will return to normal operation.

To Change the Timer Settings

1. Follow the instructions given in the section "To Use the ON Timer or OFF Timer" to select the timer setting you wish to change.
2. Press the TIMER button to select either OFF → ON or OFF ← ON.

To Stop Air Conditioner Operation while the Timer is Operating

Press the START/STOP button.

To Change Operating Conditions

If you wish to change operating conditions (Mode, Fan Speed, Thermostat Setting), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

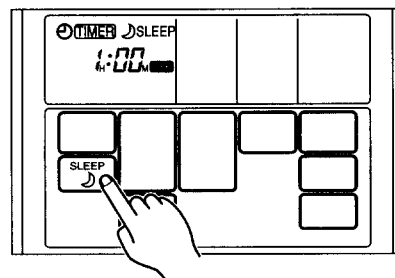
SLEEP TIMER OPERATION

Unlike other timer functions, the SLEEP timer is used to set the length of time until air conditioner operation is stopped.

To Use the SLEEP timer

While the air conditioner is operating or stopped, press the SLEEP button .

The indoor unit's OPERATION Indicator lamp (red) lights and the TIMER Indicator lamp (green) light.



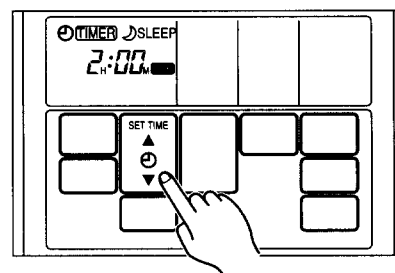
To Change the Timer Settings

Press the SLEEP button once again and set the time using the SET TIME buttons.

Set the time while the Timer Mode Display is flashing (the flashing will continue about five seconds).

▲ button: Press to advance the time.

▼ button: Press to reverse the time.



About five seconds later, the entire display will reappear.

Example: When set to 2 hours.

To Cancel the Timer:

Use the TIMER button to select "TIMER RESET"
The air conditioner will return to normal operation.

To Stop the Air Conditioner During Timer Operation:

Press the START/STOP button.

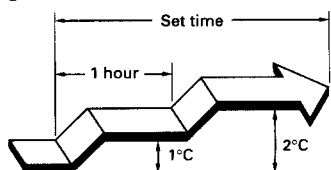
About the SLEEP timer

To prevent excessive warming or cooling during sleep, the SLEEP timer function automatically modifies the thermostat setting in accordance with the time setting. When the set time has elapsed, the air conditioner completely stops.

●During Cooling/Dry operation:

When the SLEEP timer is set, the thermostat setting is automatically raised 1°C every sixty minutes. When the thermostat has been raised a total of 2°C, the thermostat setting at that time is maintained until the set time has elapsed, at which time the air conditioner automatically turns off.

SLEEP timer setting

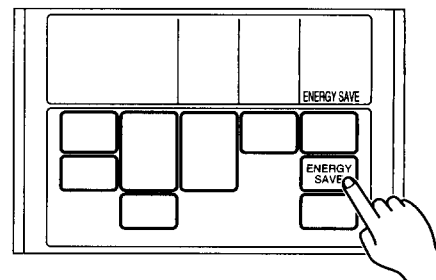


ENERGY SAVE OPERATION

The air conditioner can be operated while keeping energy consumption costs down.

How To Use the ENERGY SAVE OPERATION

- 1 Press the START/STOP button**
(if the unit is already operating, proceed to step 2).
The Indoor Unit's OPERATION Indicator lamp (red) will light.
- 2 Press the MASTER CONTROL button to select the COOL, DRY mode.**
- 3 Press the ENERGY SAVE button.**
 - ENERGY SAVE can only be used if the MASTER CONTROL button is used to select the "COOL", "DRY".



To Cancel the ENERGY SAVE:

Press the ENERGY SAVE button.

About the ENERGY SAVE

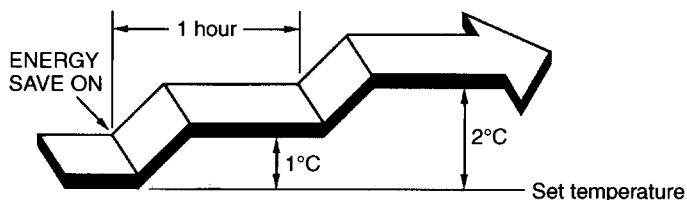
The air conditioner saves energy costs by controlling the thermostat temperature setting.

●During Cooling/Dry operation:

The thermostat temperature setting increases by 1°C as soon as the ENERGY SAVE button is pressed, and then increases by another 1°C after one hour has passed.

Afterwards, energy consumption is saved by continuing to cool or dry at a thermostat temperature of 2°C more than that set.

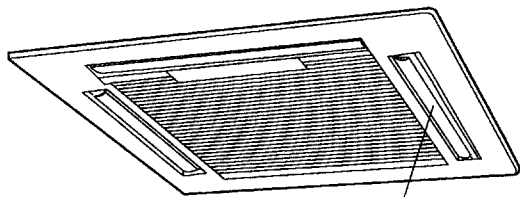
ENERGY SAVE setting



HOW TO CONTROL AIR DIRECTION

CAUTION!

- The power must be turned on in order to adjust the louver direction (attempting to move the louvers by hand could result in damage).
- During cooling operation, if the louvers are adjusted to blow air directly downward for extended periods of time, water may condense on the outlet port and louvers, and drip onto the floor.



Horizontal louvers

Horizontal AUTO LOUVER

When the remote control unit's LOUVER button is pressed, the automatic louver lamp lights and the direction of air flow changes automatically between up and down.

Louver can be stopped at any position when the switch is pressed to turn it off.

CARE AND MAINTENANCE

CAUTION!

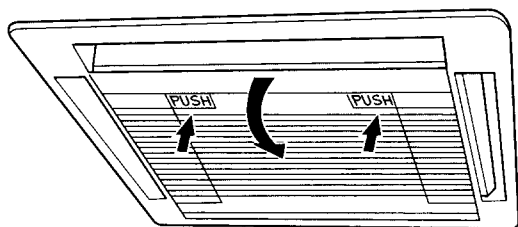
- Before cleaning the unit, be sure to stop the unit and disconnect the power supply.
- Turn off the electrical breaker.
 - A fan operates at high speed inside the unit, and personal injury could result.

Cleaning the Air Filter

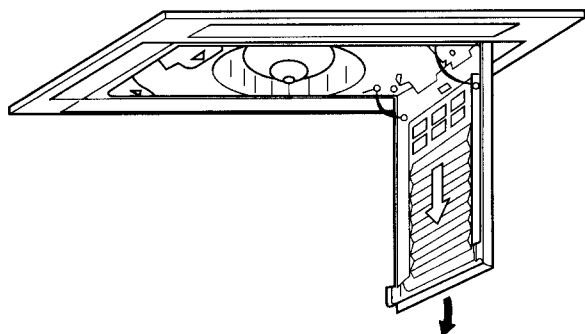
A clogged air filter reduces the airflow and weakens the cooling effect. If the air filter remains clogged, it may cause a defect.

How to remove the air filter

1. Push the intake grille pushbuttons two places until you hear a "click".
Open the intake grille.

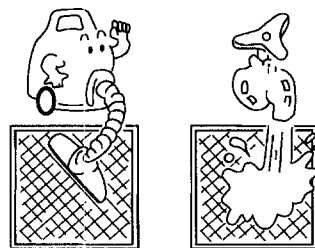


2. Pull the air filter once downward.
The air filter then comes out.



How to clean the air filter

Clean the dust from the air filter by washing the filter with water or blow it away with a vacuum cleaner. If the air filter is very dirty, rinse the filter with warm or cool water mixed with synthetic detergent and then wash the detergent solution away with clean water and dry it.

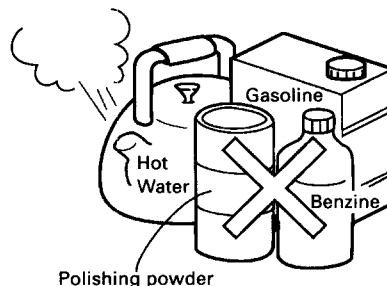


- Do not dry the air filter by exposing it to direct sunlight or fire. This may damage the filter.
- Avoid using hot water (40°C or higher) to wash the filter. This may damage the filter.

Cleaning the Indoor Unit

Wipe the cabinet with a dry soft cloth or clean with a cloth dipped in hot water.

Use of a synthetic detergent is effective for cleaning.



Do not use gasoline, thinner, alcohol, benzine, chemicals, polishing powder, etc. to clean the cabinet.

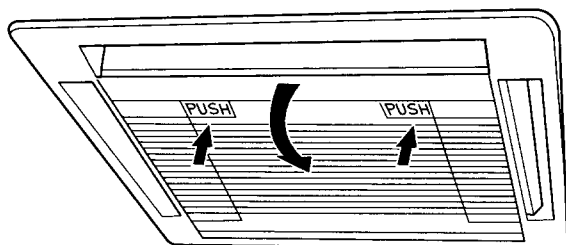
CARE AND MAINTENANCE

REMOVING/INSTALLING THE INTAKE GRILLE

Removing the intake grille

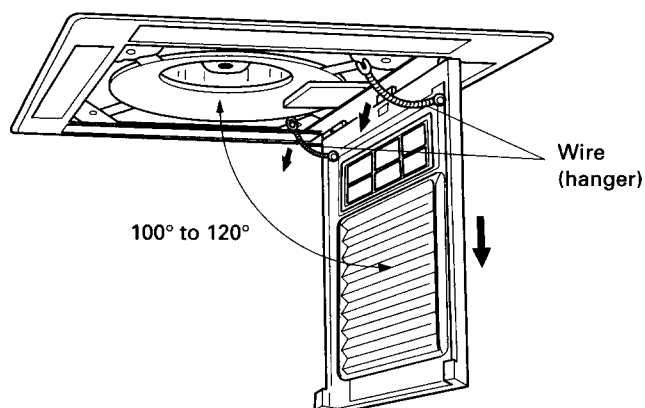
1. Push the intake grille pushbuttons (two places) until you hear a "click".

Open the intake grille.



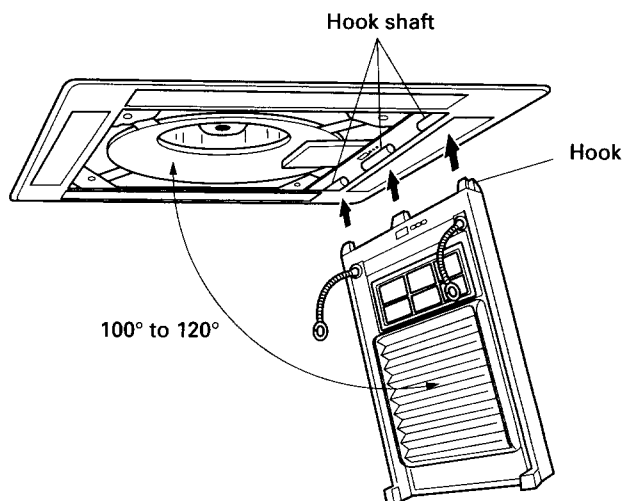
2. Remove the wire (hanger).

Removing the intake grille by opening it 100° to 120°.

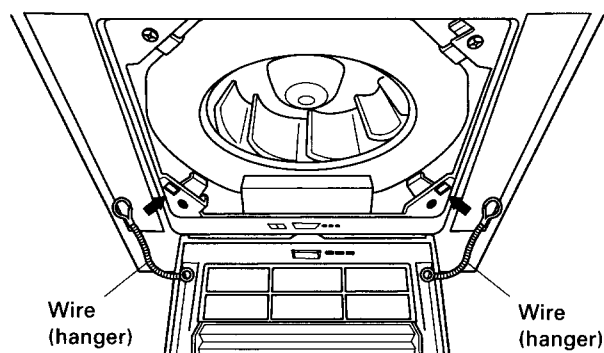


Installing the intake grille

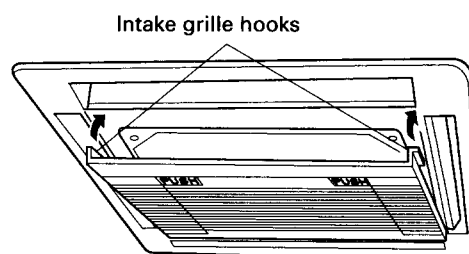
1. Tilt the intake grille 100° to 120° and hook the three hooks to the intake grille hook shaft.



2. Install the wire (hanger).



3. Push the intake grille push buttons (two places) until you hear a "click".



4. Hook the intake grille hooks to the grille assembly.

ERRORS AND SELF DIAGNOSIS

Operation can be checked by lighting and flashing of the grille display section OPERATION and TIMER lamps. Perform judgment in accordance with the following:



Power ON

When the power is turned on, the grille display section OPERATION and TIMER lamps flash quickly and alternately. When operation starts thereafter, flashing stops.

Test running

When the air conditioner is run by pressing the remote control unit test running button, the OPERATION and TIMER lamps flash slowly at the same time.

Error

The OPERATION and TIMER lamps operate as follows according to the error contents.

Error display	Error contents
OPERATION LAMP: Single quick flash repeated (ON 0.5 sec, OFF 5 sec) TIMER LAMP: 0.1 sec ON/ OFF repeated (ON 0.1 sec, OFF 0.1 sec)	Room temperature thermistor abnormal temperature detected
OPERATION LAMP: Two quick flashes repeated (ON 0.5 sec, OFF 5 sec) TIMER LAMP: 0.1 sec ON/ OFF repeated (ON 0.1 sec, OFF 0.1 sec)	Piping thermistor abnormal temperature detected
OPERATION LAMP: Six quick flashes repeated (ON 0.5 sec, OFF 5 sec) TIMER LAMP: 0.1 sec ON/ OFF repeated (ON 0.1 sec, OFF 0.1 sec)	Float switch ON for 3 minutes or longer

OPERATION DETAILS

Please read and understand the following details regarding this air conditioner.

Operation and Performance

Malfunction

Nearby lightning or use of a mobile radio (short wave, etc.) may result in malfunction. In this case, disconnect the power plug from its outlet and connect it again, then use the remote control unit to resume operation.

Low Ambient Cooling

When the outdoor temperature drops, the outdoor unit's fans may switch to low speed, or one of the fans may stop intermittently.

Temperature and Humidity Range

Permissible ranges of temperature and humidity are as follows:

Cooling and Drying Operation	Outdoor temperature: About 21°C to 52°C
	Indoor temperature: About 18°C to 32°C
	Indoor humidity: About 80% or less. If the unit is used for long periods under conditions of high humidity, water may condense on and drip from the surface of the unit.

If the unit is used under higher temperature conditions than those noted here, the automatic protection circuit may operate, interrupting the operation. If the unit is used under lower temperature conditions than those noted here, the heat exchanger may freeze, causing water leakage or other malfunction.

- Do not use the air conditioner for any purpose other than room cooling, room dry, or fan.

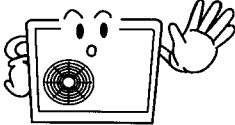
TROUBLESHOOTING



WARNING!

In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.
Merely turning off the unit's power switch will not completely disconnect the unit from the power source. Always be sure to turn off the electrical breaker to ensure that power is completely off.

Before requesting service, perform the following checks:

	Symptom	Problem	See Page
NORMAL FUNCTIONS	Doesn't operate immediately: 	● If the unit is stopped and then immediately started again, the compressor will not operate for about 3 minutes, in order to prevent fuse blowouts. ● Whenever the power switch is turned off then on again, the protection circuit will operate for about 3 minutes, preventing unit operation during that period.	—
	Makes noise: 	● During operation and immediately after stopping the unit, you may hear the sound of water flowing in the air conditioner's piping. Also, noise may be particularly noticeable for about 2 to 3 minutes after starting operation (This is the sound of coolant flowing). ● During operation, you may hear a slight squeaking sound. This is caused by minute expansion and contraction of the front cover resulting from change in temperature. ● After the air conditioner has been shutdown, you may hear the sound of water or a motor running. This is the sound of the pump draining water that condensed inside the unit.	—
	Smells:	● Some smell may be emitted from the indoor unit. This smell is the result of room odors (furniture, tobacco, etc.) which have been taken into the air conditioner.	—
	Mist or steam is emitted: 	● During the cooling or drying operation, a thin mist may be seen emitted from the indoor unit. This is a result of sudden cooling of room air by the air emitted from the air conditioner, resulting in condensation and misting.	—
CHECK ONCE MORE	Doesn't operate at all: 	● Has there been a power failure? ● Has a fuse blown out, or a circuit breaker been tripped? ● Is the main power switch set to the OFF position?	—
	Poor cooling performance: 	● Is the air filter dirty? ● Are the air conditioner's intake or outlet vents blocked? ● Did you adjust the room temperature settings (thermostat) correctly? ● Is there a window or door open? ● During the cooling operation, is a window allowing bright sunlight to enter? (Close the curtains.) ● During the cooling operation, is there a heat source operating inside the room, or are there too many people in the room?	—

SPECIFICATIONS

MODEL						
INDOOR UNIT	AUG18AW	AUG25AW	AUG25AW(3)	AUG30AW	AUG36AW(3)	AUG45AW(3)
OUTDOOR UNIT	AOG18AZ	AOG25AZ	AOG25AC(3)	AOG30AB	AOG36AC(3)	AOG45AC(3)
TYPE	COOLING MODEL					
POWER	1~220-240V 50Hz		3N~380-415V 50Hz	1~220-240V 50Hz	3N~380-415V 50Hz	
COOLING						
CAPACITY	5.25-5.40 kW	7.00-7.10 kW	7.00-7.10 kW	8.60-8.80 kW	10.3-10.5 kW	12.4-12.7 kW
POWER INPUT	2.05-2.15 kW	2.64-2.77 kW	2.54-2.64 kW	3.30-3.40 kW	3.73-3.80 kW	4.45-4.57 kW
CURRENT	9.4-9.2 A	12.8-13.2 A	4.4-4.6 A	15.8-16.3 A	6.4-6.4 A	7.5-7.5 A
ENERGY EFFICIENCY RATIO	2.56-2.51	2.65-2.56	2.76-2.69	2.61-2.59	2.76-2.76	2.79-2.78
MAX. PRESSURE	3,040 kPa	3,040 kPa	3,040 kPa	3,040 kPa	3,040 kPa	3,040 kPa
REFRIGERANT	R22 1,140 g	R22 1,950 g	R22 2,030 g	R22 2,650 g	R22 2,150 g	R22 3,150 g
DIMENSIONS & WEIGHT						
INDOOR UNIT						
Height	216 mm			302 mm		
Width	800 mm			800 mm		
Depth	800 mm			800 mm		
Weight	26 kg			38 kg		
OUTDOOR UNIT						
Height	643 mm		900 mm	1,152 mm		
Width	840 mm		900 mm	940 mm		
Depth	336 mm		350 mm	370 mm		
Weight	66 kg	67 kg	84 kg	94 kg	102 kg	
GRILLE						
Height	80 mm					
Width	950 mm					
Depth	950 mm					
Weight	6.5 kg					

- Acoustic Noise Information : The maximum sound pressure level is less than 70 dB (A) for both indoor unit and outdoor unit.
According to IEC 704-1 and ISO 3744.