

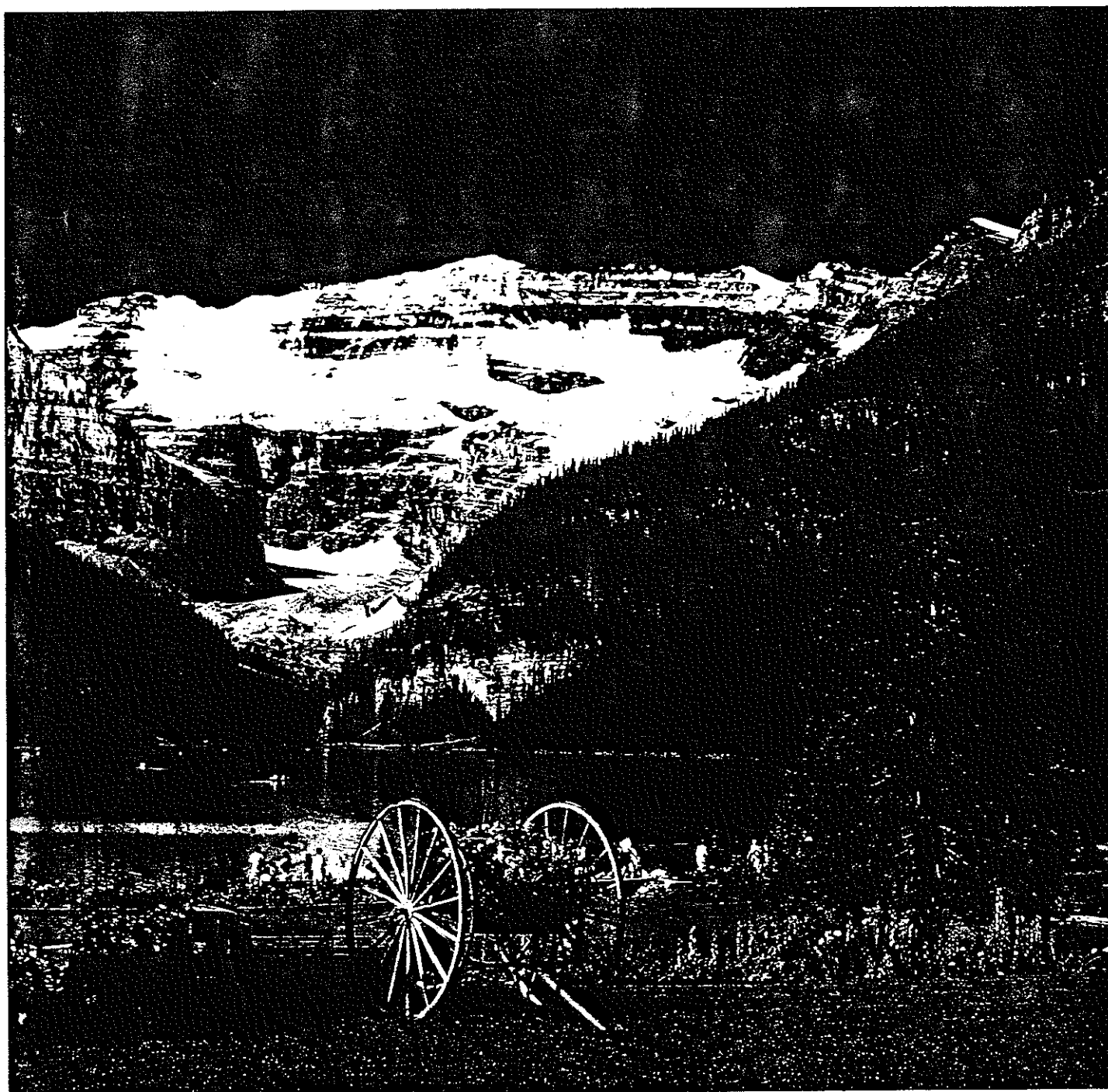
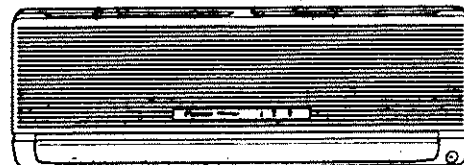
DAIKIN

DAIKIN ROOM AIR CONDITIONER

Operation Manual



MODEL **FTX50HV4N**



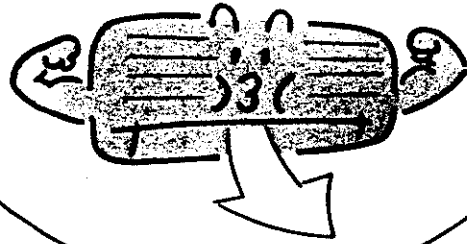
SYSTEM FEATURES

Take full advantage of useful features to enjoy comfort.

POWERFUL operation

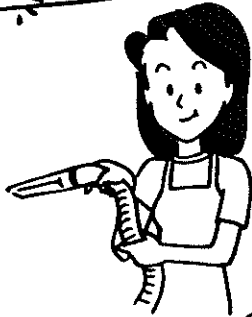
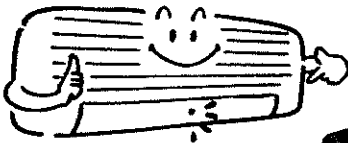
Hot air or quick-cooled air is discharged intensively under the mode.

(See page 20.)



CLEANING lamp

Tells you when it is time to clean the air filters.
(See page 21.)



Easy-to-remove front grille

Cleaning is easy with an easy-to-remove front grille. You can even wash it.
(See page 23.)



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TROUBLE
SHOOTING



Safety Precautions

- Read the following warnings and cautions carefully before operating the system and use it correctly.
- This manual classifies the precautions to the user into the following two categories. Be sure to follow all as they are all important to ensure safety.
- The following symbols are used in this manual.

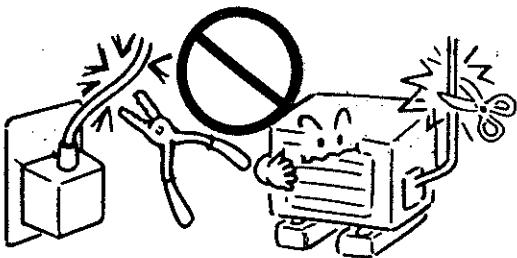
	WARNING	Failure to follow a warning is very likely to result in such grave consequences as death or serious injury.
	CAUTION	Failure to follow a caution may result in serious injury or property damage, and in certain conditions, may result in a grave consequence.

	Never do.		Be sure to follow the instructions.
	Be sure to earth the air conditioner.		Be sure to disconnect the power plug from the socket.
	Never touch the air conditioner (including the remote controller) with a wet hand.		Never cause the air conditioner (including the remote controller) to get wet.

- After reading this manual, keep it in a place easily accessible to the user for future reference.

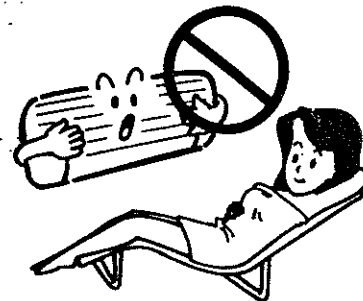
WARNING

Do not damage or attempt to modify the power cord. Do not use the cord in a damaged state or tied in a bundle.



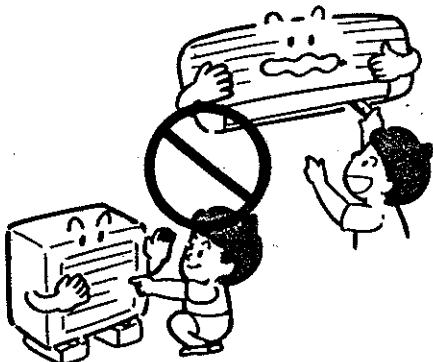
Applying a heavy weight, heat or tension on the power cord will damage it, causing electric shocks or fire.

Do not expose your body to the cool (or hot) air for a long time, do not cool (or heat) the room too much.



It will affect your physical conditions and cause health problems.

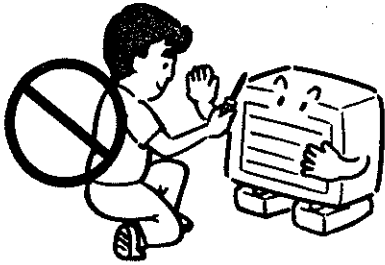
Do not put a finger, a rod or other objects into the air outlet or inlet.



As the fan is rotating at a high speed, it will cause injury.

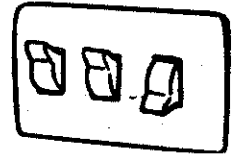
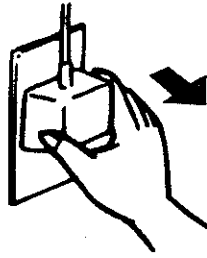
⚠ WARNING

Do not attempt to repair, relocate, modify or reinstall the air conditioner by yourself.



Incorrect work will cause electric shocks, fire etc. For repairs and reinstallation, consult the shop where you bought the air conditioner.

If anything abnormal such as a burning smell occurs, stop the operation immediately.



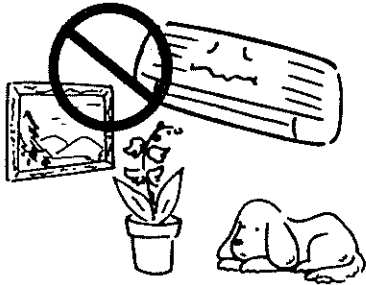
Continued abnormal operation will cause troubles, electric shocks, fire etc. If anything is abnormal, consult the shop where you bought the air conditioner.

READ BEFORE
OPERATION

Safety Precautions

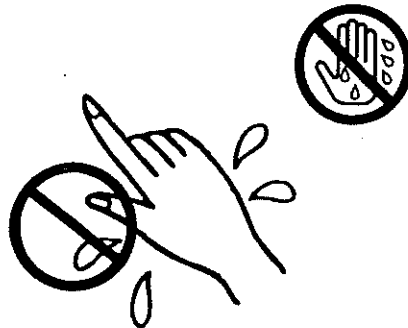
⚠ CAUTION

Do not use the air conditioner for purposes other than comfort.



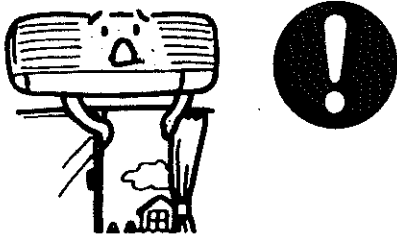
Do not use it for preserving precision instruments, foods, plants, animals, works of fine arts etc. Performance or quality may deteriorate.

Do not operate the air conditioner with a wet hand.



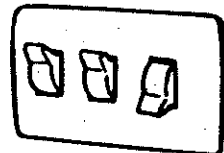
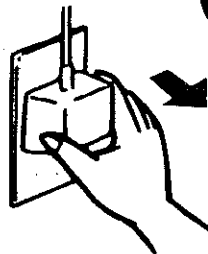
It may cause an electric shock.

Ventilate the room from time to time.



Be careful especially when using a burning appliance in the same room. Insufficient ventilation may cause shortage of oxygen.

Before cleaning, be sure to stop the operation.



As a fan is rotating at a high speed, cleaning during operation may cause injury.

Safety Precautions

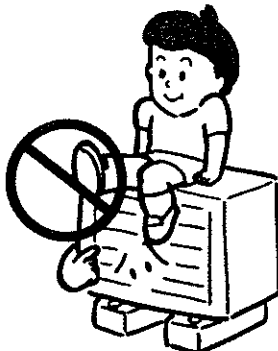
⚠ CAUTION

After a long use, check the unit stand and fittings for damage.



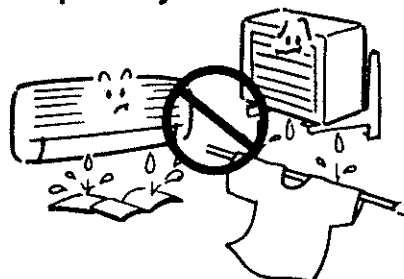
The unit may drop and cause injury if damage is left unrepaired.

Do not stand or sit on the outdoor unit. Do not place any object on the unit.



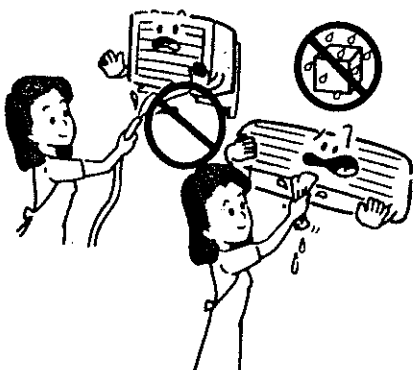
The object or the person may fall down or drop, causing injury.

Do not place under the indoor or outdoor unit anything which must be kept away from moisture.



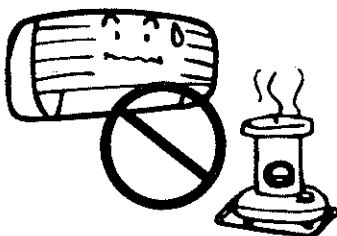
Indoor unit: moisture in the air may condense and drip in certain conditions.
Outdoor unit: the unit drains some water in heating operation. In cooling, condensation may drip from the piping connections.

Do not wash the unit with water.



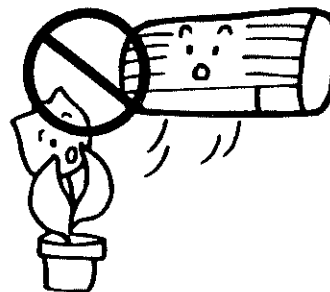
Water may penetrate into the unit and degrade electrical insulations, resulting in an electric shock.

Do not place a burning appliance in places exposed to the air flow from the unit or under the indoor unit.



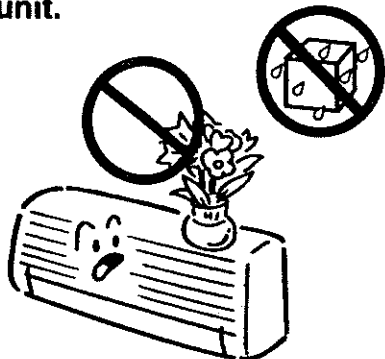
It may cause incomplete combustion or deformation of the unit from heat.

Do not expose plants or animals directly to the air flow.



It may cause adverse effects on the plant or the animal.

Do not place a vessel containing water on the unit.



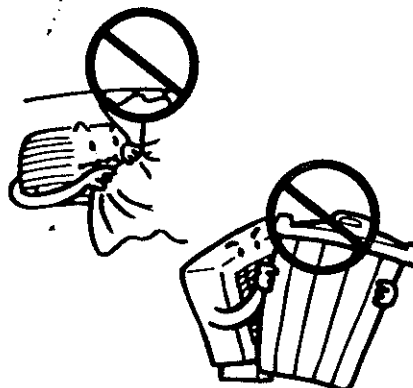
Water may penetrate into the unit and degrade electrical insulations, resulting in an electric shock.

Do not connect the air conditioner to a power supply different from the specification.



It may cause troubles or fire.

Do not block air inlets nor outlets.

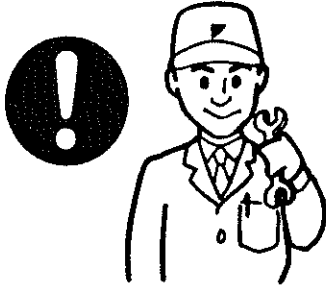


Impaired air flow may result in insufficient performance or troubles.

Installation

WARNING

Do not attempt to install the air conditioner by yourself.



Consult the shop or a qualified technician.

Incorrect work will result in water leakage, electric shocks or fire. For installation, consult the shop where you bought the unit or a qualified technician.

CAUTION

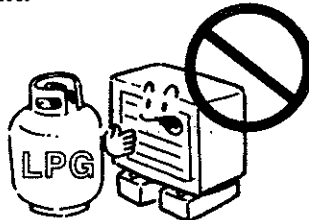
The air conditioner must be earthed.



Incomplete earthing may result in electric shocks.

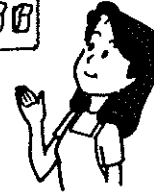
Do not connect the earth line to a gas pipe, water pipe, lightning rod, or a telephone earth line.

Do not install the air conditioner in places where flammable gas may leak.



If leaked gas should accumulate near the unit, fire may occur.

Depending on the environment, an earth leakage breaker must be installed.



Lack of an earth leakage breaker may result in electric shocks.

Arrange the drain hose to ensure smooth drainage.



Incomplete drainage may cause wetting of the building, furniture etc.

Installation site

To install the air conditioner in the following types of environments, consult the shop.

- Places with an oily ambient or where steam or soot occurs.
- Salty environment such as coastal areas.
- Places where sulfide gas occurs such as hot springs.
- Places where snow may block the outdoor unit.

The drain from the outdoor unit must be discharged to a place of good drainage.

Consider nuisance to your neighbors from noises.

For installation, choose a place as described below.

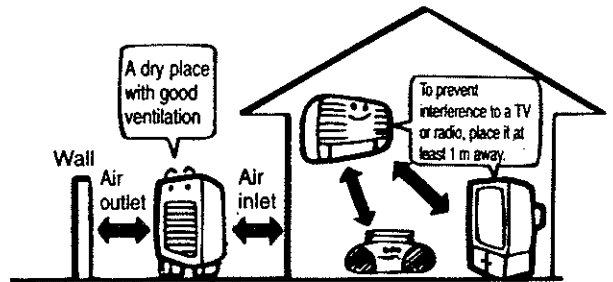
- A place solid enough to bear the weight of the unit which does not amplify the operation noise or vibration.
- A place from where the air discharged from the outdoor unit or the operation noise will not annoy your neighbors.

Electrical work

- For power supply, be sure to use a separate power circuit dedicated to the air conditioner.

System relocation

- Relocating the air conditioner requires specialized knowledge and skills. Please consult the shop where you bought the air conditioner if relocation is necessary for moving or remodeling.



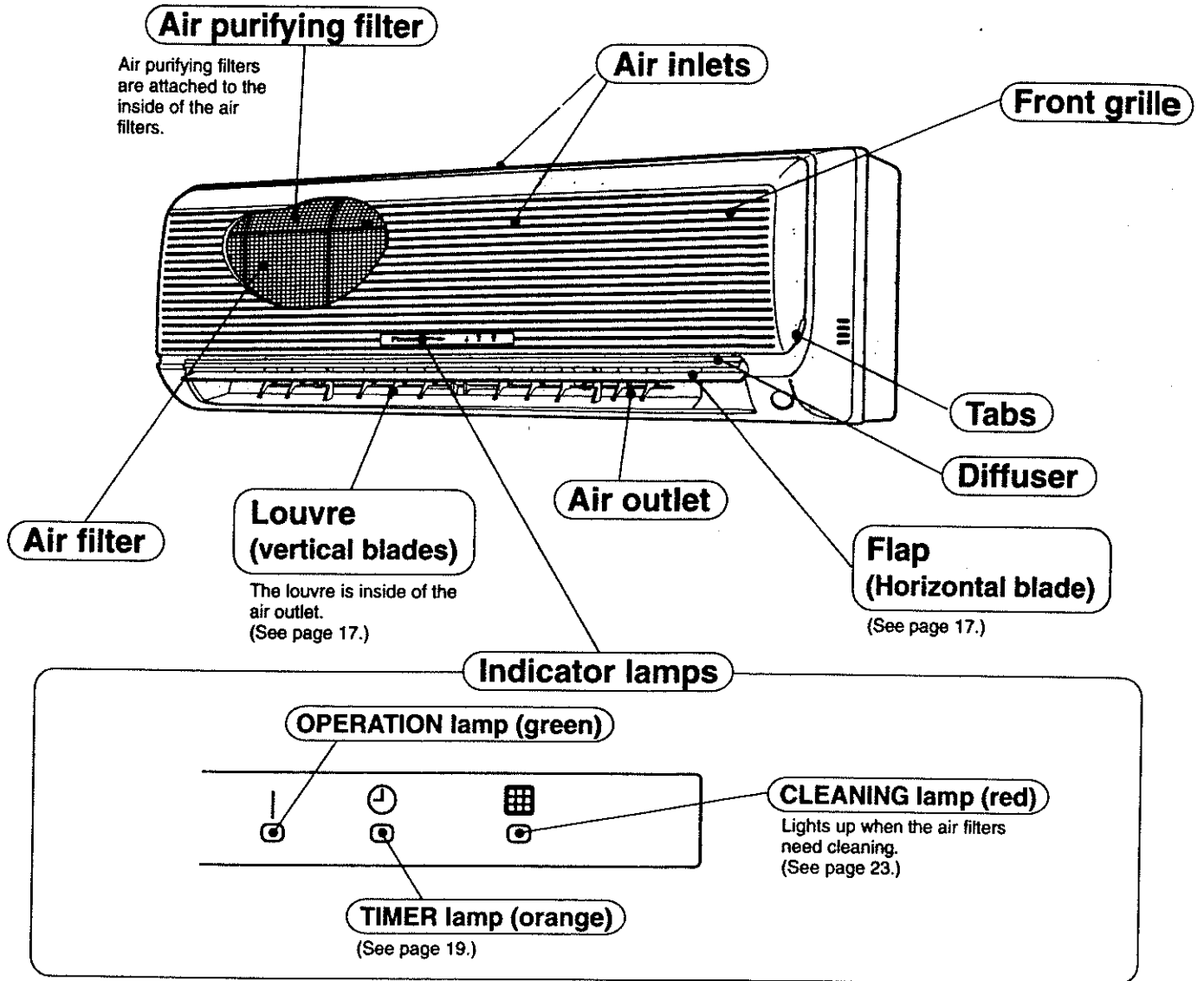
- For efficient operation, take as large spaces around the unit as site allows.

READ BEFORE OPERATION

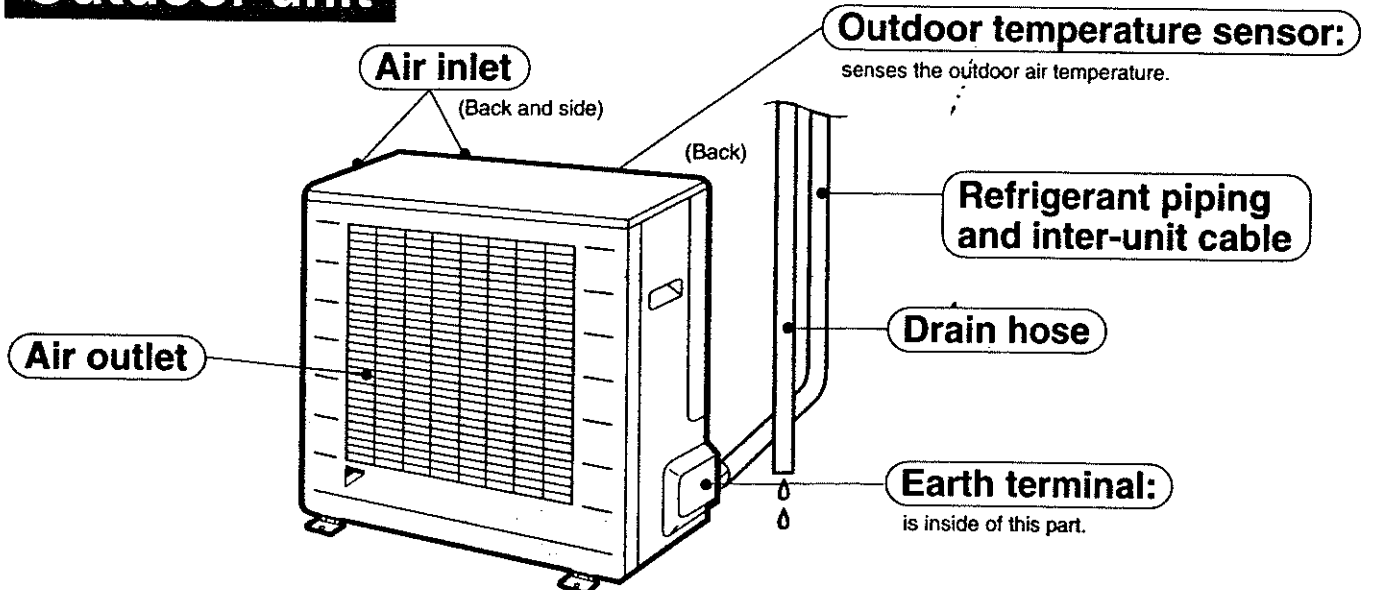
Safety Precautions

Names of Parts

Indoor unit



Outdoor unit

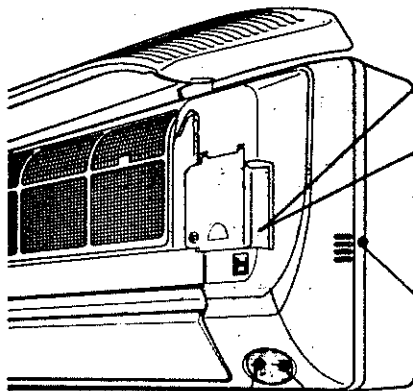


Opening the front grille

How to open the front grille: (See page 21.)

CAUTION

Before opening the grille, be sure to stop the operation and turn the breaker OFF. If the power is on, the fan may rotate inside and may cause injury.



ON/OFF switch

- Push once to start operation. Push once again to stop it.
- The operation mode and the air flow rate are automatically set to AUTO. (See page 13.)
- This switch is useful when you can not find the remote controller.

Control grille

CAUTION!

←
WIRING BETWEEN INDOOR UNIT AND OUTDOOR UNIT SHOULD BE CONNECTED TO SAME NUMBER ON THE TERMINAL BLOCK

CLEANING LAMP



RESET

CLEANING lamp reset button

- Push this button to switch the CLEANING lamp off.

Room temperature sensor:

- senses the air temperature around the unit.

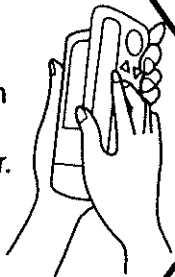
Receiver:

- receives signals from the remote controller.
- When a remote control signal is received, OPERATION lamp flashes and a peep sound is heard.
 - Switch ON: two short peeps.
 - Change in setting: a short peep.
 - Switch OFF: a long peep.

Names of Parts

Remote Controller

Open the cover.



Display:

displays the current settings.
(In this illustration, each section is shown with all its displays ON for the purpose of explanation.)

OFF TIMER button

ON TIMER button

(See page 19.)

MODE selector button:

selects the operation mode.
(AUTO/DRY/COOL/HEAT)

FLAP SWING button

(See page 17.)

Transmitter:

sends signals to the indoor unit.

ON/OFF button

Press it once to start operation.
To stop it, press it once again.

TEMPERATURE adjustment buttons:

changes the temperature setting.

CLOCK button

(See page 11.)

TIMER CANCEL button:

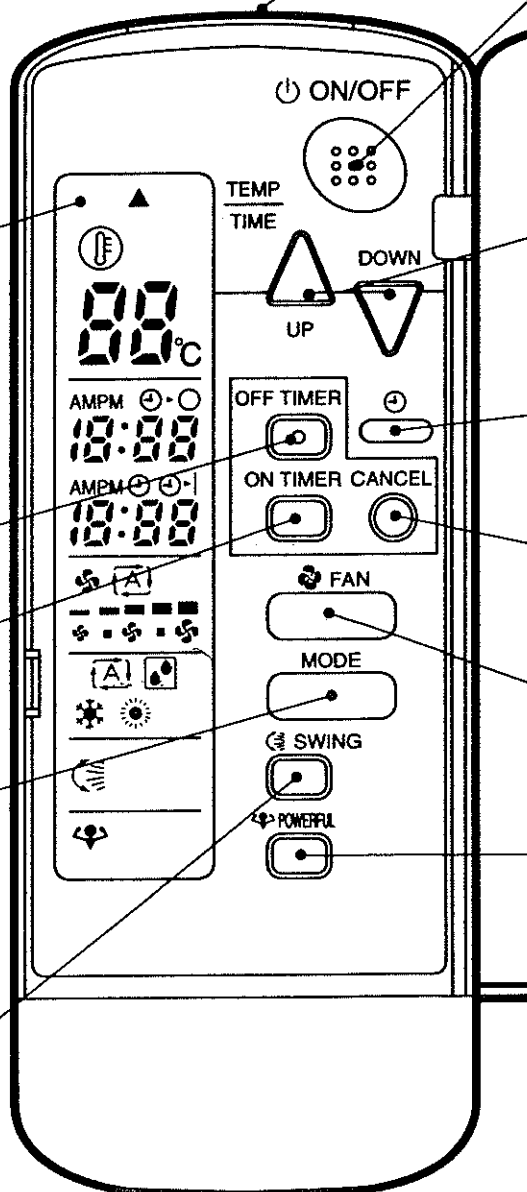
cancels the timer setting.

FAN setting button:

selects the air flow rate setting.

POWERFUL button:

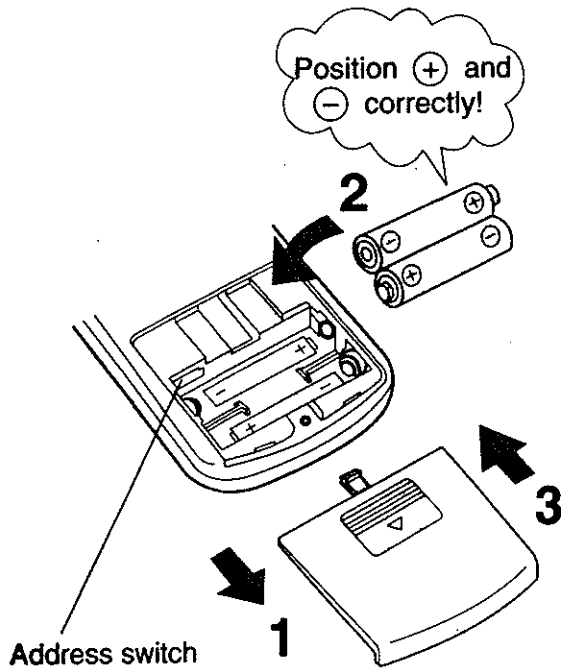
(See page 20.)




Preparation Before Operation

Remote Controller

■ Setting the batteries



1 Press  with a finger, slide the back cover and take it off.

2 Set two alkaline dry batteries (LR04 or AAA).

3 Set the back cover as before.

- The address switch is used when two indoor units are to be installed in a single room.
- If there is only one indoor unit in the room, it must be set to "1".
- To install two units in a single room, consult the shop where you bought the air conditioner.



ATTENTION

About batteries

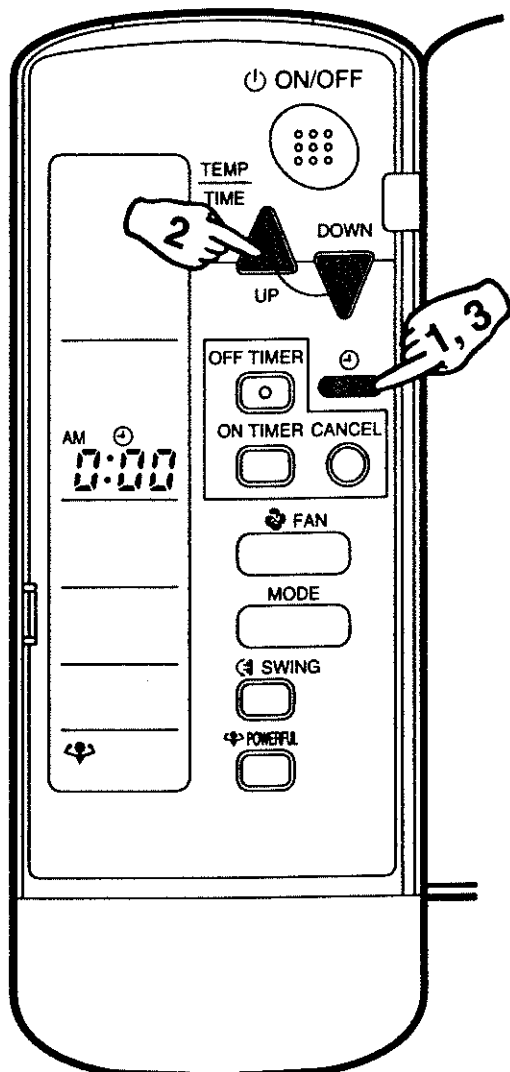
- Always replace two batteries at the same time. Replace them with new ones of an identical type.
- Do not use manganese dry batteries since their use may shorten the communication distance or product life.
- If you are not going to use the air conditioner for a long period, take out all the batteries.
- Batteries should last for about a year under normal conditions. When you find the displays unclear and signal communication often failing, replace them with new ones.
- Batteries may be exhausted even before the recommended date of consumption printed on them, if the air conditioner was manufactured many months ago.

About the remote controller.

- Signal communication may be disabled if an electronic-starter-type fluorescent lamp (such as inverter-type lamps) is in the room. Consult the shop if that is the case.
- If the remote control signals happen to operate another appliance, move that appliance to somewhere else, or consult the shop.

Preparation Before Operation

■ Setting the clock



- 1** Press .

AM 0:00 is displayed.
⌚ flashes.
- 2** Press to set the clock to the present time.

PM 3:30

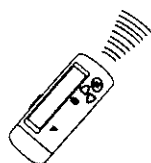
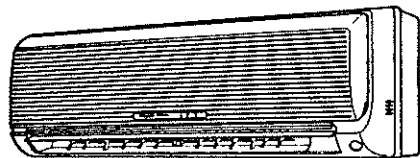
 - Holding down (or) button rapidly increases or decreases the time display.
- 3** Press .

: flashes.

(Now the clock is set.)

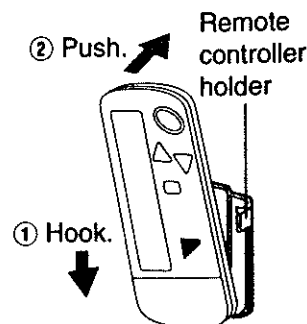
■ Operating the remote controller

- To use the remote controller, aim the transmitter at the indoor unit. If there is anything to block signals between the unit and the remote controller, such as a curtain, the unit will not operate.
- Do not drop the remote controller. Do not get it wet.
- The maximum distance for communication is about 7 m.



■ To fix the remote controller holder on the wall:

- 1** Choose a place from where the signals reach the unit.
- 2** Fix the holder to a wall, a pillar, etc. with the screws supplied with the holder.
- 3** Fit the hook of the holder into the catch at the remote controller bottom, and push the remote controller onto the wall.



- To remove, pull it upwards.

Indoor unit

■ Turn the breaker ON.

- Turning on the breaker opens the flap, then closes it again. (This is a normal procedure.)



ATTENTION

Tips for saving energy

- Be careful not to cool or heat the room too much. Keeping the temperature setting at a moderate level helps save energy.

Recommended temperature setting

For cooling: 26°C to 28°C
For heating: 20°C to 24°C

- Cover windows with a blind or a curtain. Blocking sunlight and air from outdoors increases the cooling or heating effect.
- Clogged air filters reduce the cooling or heating effect and waste energy. We recommend you to clean them once in every two weeks.

Please note:

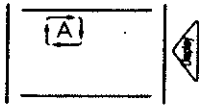
- The air conditioner always consumes some watts of electricity even when it is not operating.
- When the outdoor temperature is under about 5, the system automatically preheats the compressor consuming several dozen watts of electricity. (This is to minimize the warm-up time before heating operation.) The preheating automatically stops if the air conditioner is not operated within 48 hours.
- If you are not going to use the air conditioner for a long period, for example in spring or autumn, turn the breaker off.
- Use the air conditioner in the following conditions.

Mode	Operating conditions	If operation is continued outside of this:
COOL	Outdoor temperature: 10 to 46°C Indoor temperature: 21 to 32°C Indoor humidity: max. 80%	<ul style="list-style-type: none">• A safety device may work and stop the operation.• Condensation may occur on the indoor unit and drip.
HEAT	Outdoor temperature: -10 to 21°C Indoor temperature: max. 27°C	<ul style="list-style-type: none">• A safety device may work and stop the operation.
DRY	Outdoor temperature: 18 to 43°C Indoor temperature: 18 to 32°C Indoor humidity: max. 80%	<ul style="list-style-type: none">• A safety device may work and stop the operation.• Condensation may occur on the indoor unit and drip.

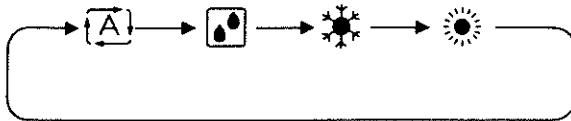
AUTOMATIC COOL/HEAT CHANGEOVER Mode Operation

In AUTO mode, the air conditioner automatically selects the most appropriate settings.

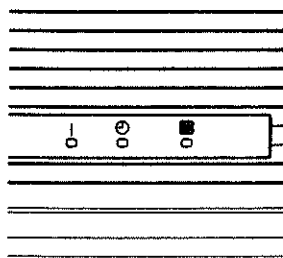
1 Press **MODE** and select "A".



- Every pressing of the button advances the mode setting in sequence.



2 Press **ON/OFF**.

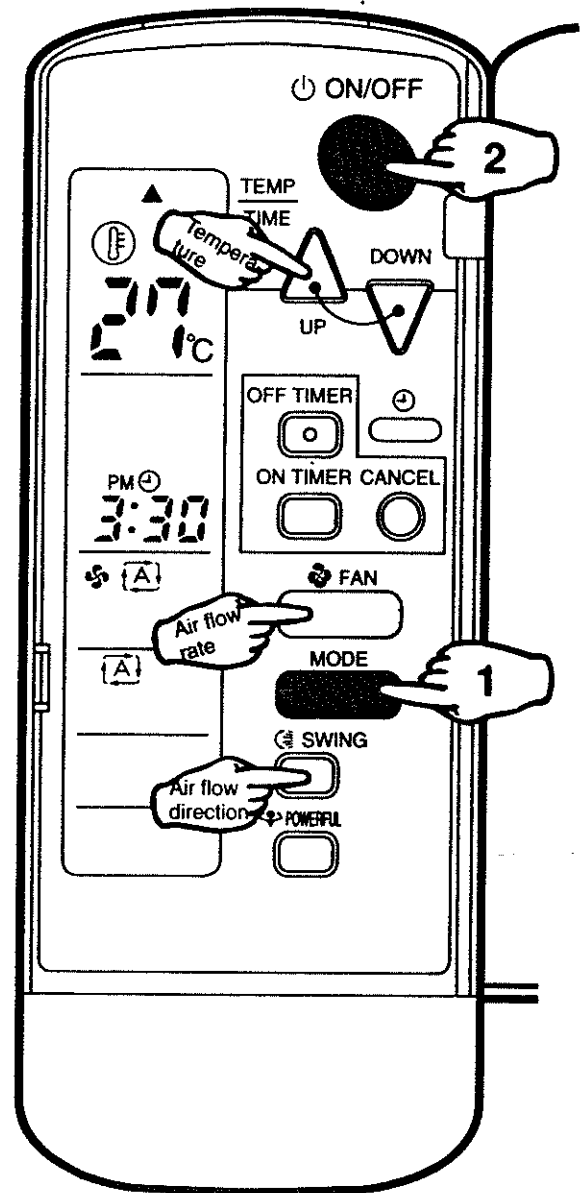


- Then OPERATION lamp lights up.

■ To stop:

Press **ON/OFF** once again.



- Then OPERATION lamp goes off.





Notes on AUTO operation

- This operation is to maintain the desired room temperature. The micro computer in the air conditioner selects COOL or HEAT depending on whether the room temperature is above or below the set temperature.

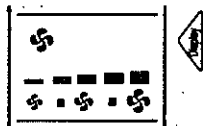
■ To change the temperature setting:




Press  to raise the temperature and press  to lower the temperature.

- Every time ( or () is pressed, the temperature setting goes up or down by 1°C at maximum.

■ To change the air flow rate setting:

Press .



- Five levels of air flow rate setting are available, from “” to “” and “ [A]”.

■ To change the air flow direction:

(See page 17.)

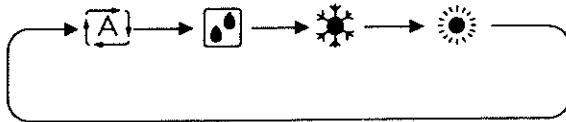
-
- If you do not like AUTOMATIC COOL/HEAT CHANGEOVER MODE operation, you can select manually the mode and settings you like. (See page 15.)

DRY/COOL/HEAT mode operation

The air conditioner operates according to your preferences.
From the next time on, the air conditioner will operate with the same settings.

1 Press **MODE** and select a mode.

- Every pressing of the button advances the mode setting in sequence.



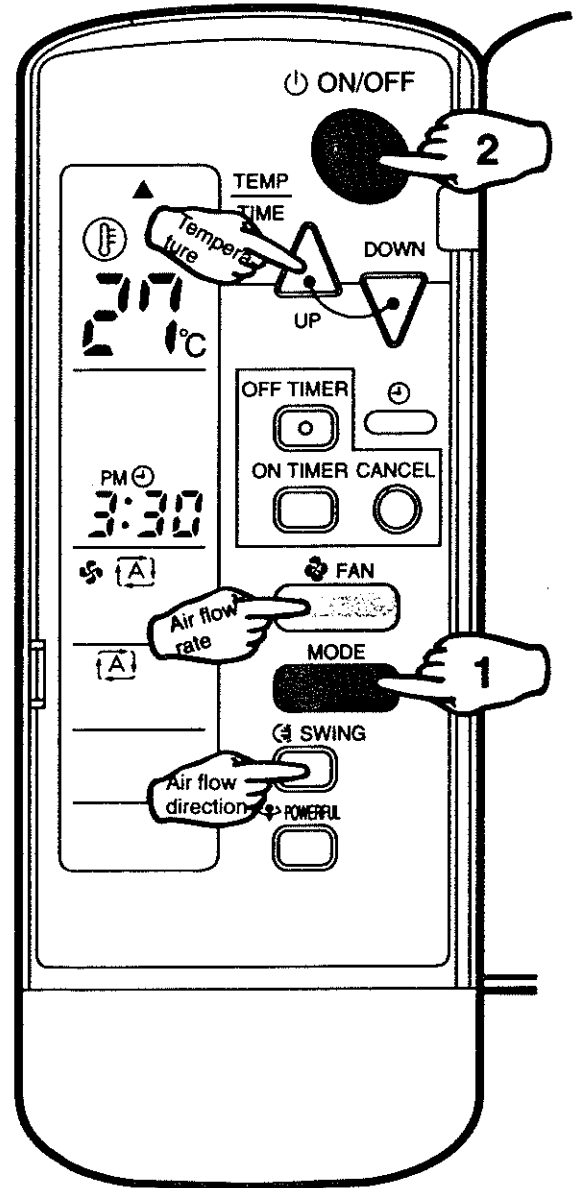
2 Press **ON/OFF**.

- Then OPERATION lamp lights up.

■ To stop:

Press **ON/OFF** once again.



- Then OPERATION lamp goes off.





About heating operation

- Since this air conditioner heats the room by taking heat from outdoor air to indoors, the heating capacity becomes smaller in lower outdoor temperatures. If the heating effect is insufficient, it is recommended to use another heating appliance in combination with the air conditioner.
- The heat pump system heats the room by circulating hot air around all parts of the room. After the start of heating operation, it takes some time before the room gets warmer.

■ To change the temperature setting:

Press  to raise the temperature and press  to lower the temperature.

- Every time ( or () is pressed, the temperature setting goes up or down by 1°C at maximum.

■ To change the air flow rate setting:

Press .

■ To change the air flow direction:

(See page 17.)


-
- In heating operation, frost may occur on the outdoor unit and lower the heating capacity. In that case, the system switches into defrosting operation to take away the frost.
 - During defrosting operation, hot air does not flow out of the indoor unit.
 - At the start of heating, the hot air flows out toward the floor and the walls so that people will not be exposed to the air flow. When the room temperature has risen high enough, the hot air flows out at the angle and the rate you have chosen.


Adjusting the Air Flow Direction



You can adjust the air flow direction to increase your comfort.

Adjusting the horizontal blade (flap)

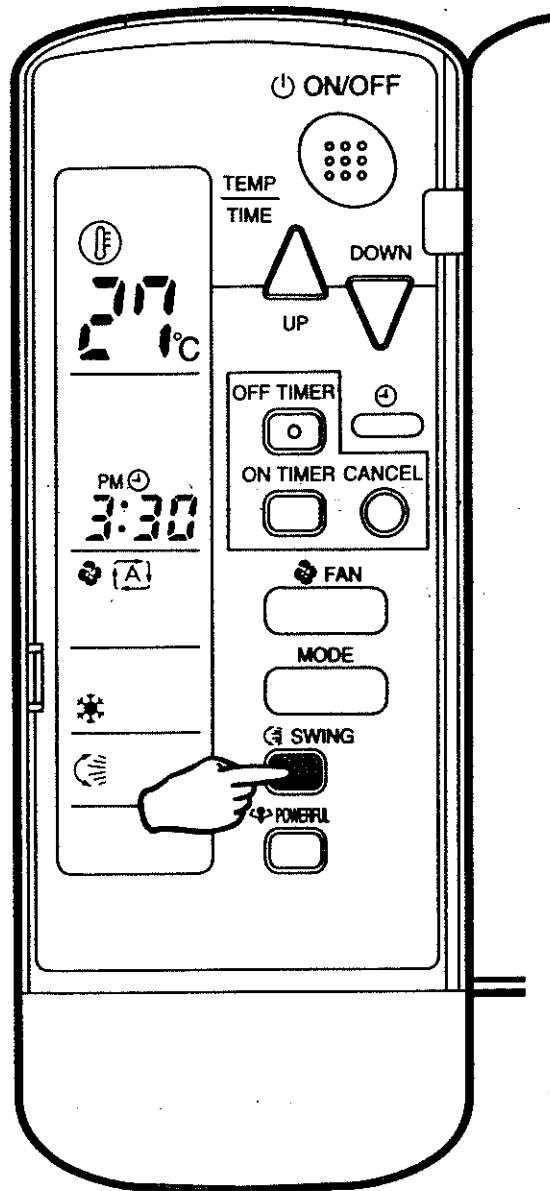
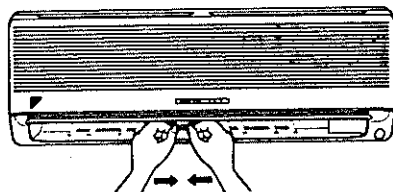
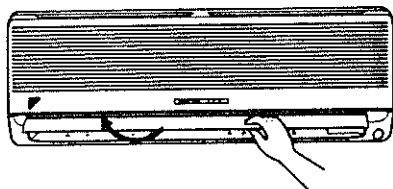
Press  .

- Every time the button is pressed,  appears or disappears.

 The flap automatically swings up and down.

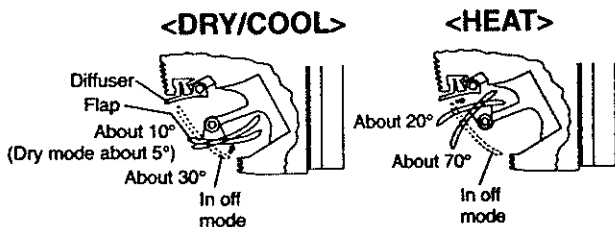
 To stop the flap at an angle you like, press  .


No display



About flap angles

- When [SWING] is selected, the flap swinging range depends on the operation mode. (See the figure.)



- When  is selected in HEAT or FAN mode, the flap and the diffuser swing up and down in combination.
- The diffuser is kept open in DRY or COOL mode.

Timer Operation

Timer functions are useful for automatically switching the air conditioner on or off at night or in the morning. You can also use OFF TIMER and ON TIMER in combination.

OFF TIMER operation

- Check that the clock is correct. If not, set the clock to the present time. (See page 11.)

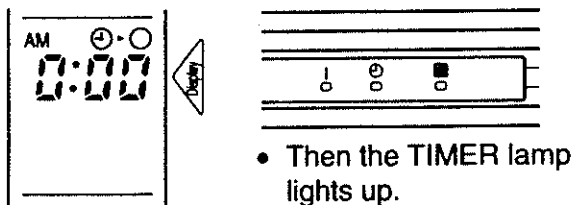
1 Press **OFF TIMER** while the air conditioner is operating.



2 Press **UP** **DOWN** until the time setting reaches the point you like.

- Every pressing of either button increases or decreases the time setting by ten minutes. Holding down either button changes the setting rapidly.

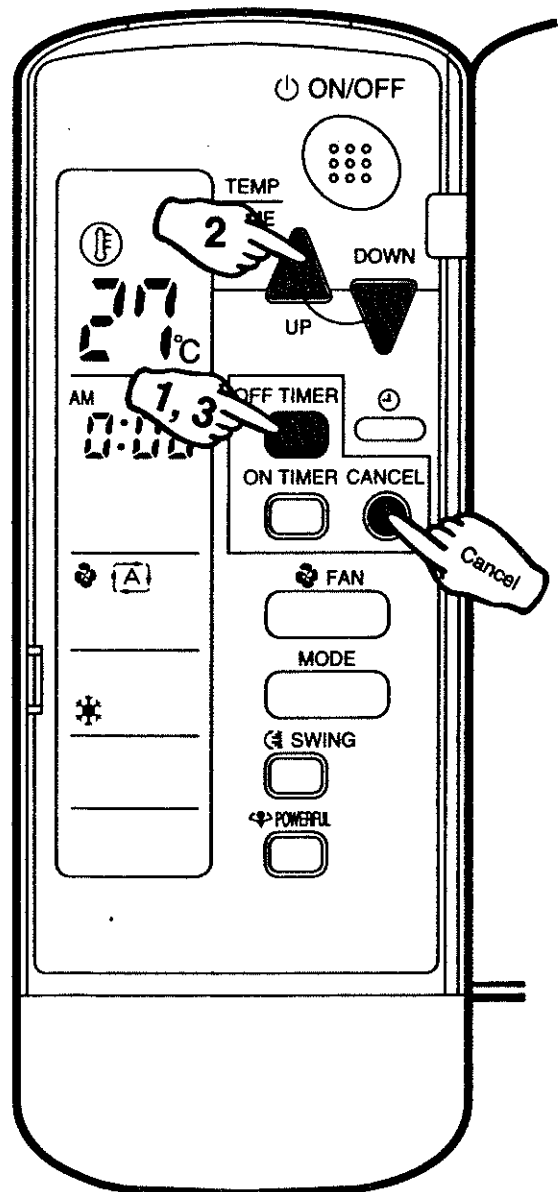
3 Press **OFF TIMER** once again.



■ To cancel the timer:

Press **CANCEL**.

- Then the **TIMER** lamp goes off.



Adjusting the Air Flow Direction

OPERATION

FEATURES

Timer Operation

Notes on OFF TIMER

- When the OFF TIMER is set, the air conditioner automatically adjusts the temperature setting (0.5°C up in COOL and 2°C down in HEAT mode, while no adjustment takes place in AUTO mode) to prevent excessive cooling or heating for your pleasant sleep.

Notes on ON, OFF TIMER

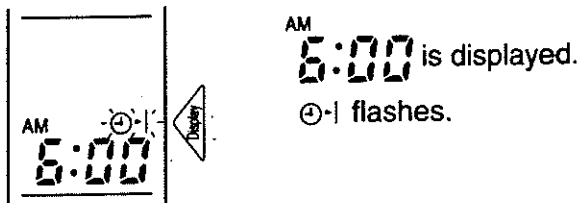
- When ON TIMER is set, the present time is not displayed.
- Once you set ON, OFF TIMER, the time setting is kept in the memory. (The memory is canceled when remote controller batteries are replaced.)

Timer Operation

ON TIMER operation


- Check that the clock is correct.
If not, set the clock to the present time. (See page 11.)

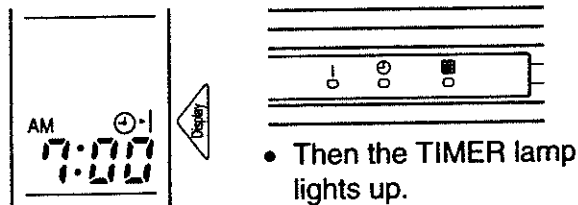
1 Press  while the air conditioner is not operating.




2 Press   until the time setting reaches the point you like.

- Every pressing of either button increases or decreases the time setting by ten minutes. Holding down either button changes the setting rapidly.

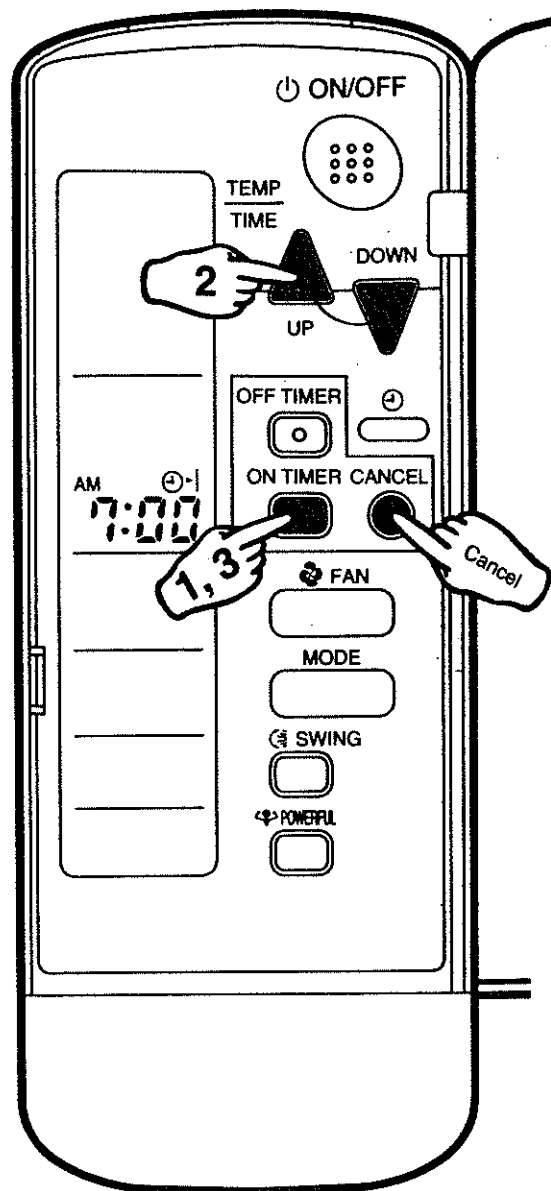
3 Press  once again.



■ To cancel the timer:

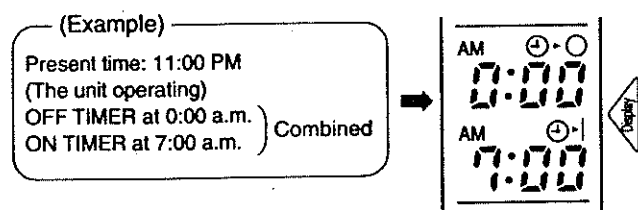
Press .

- Then the TIMER lamp goes off.



Combining ON TIMER and OFF TIMER

- A sample setting for combining the two timers is shown below.



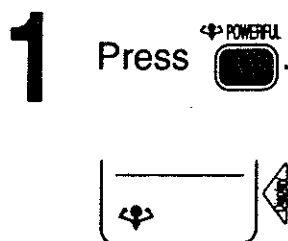
ATTENTION

- In the following cases, set the timer again.
 - After a breaker has turned OFF.
 - After a power failure.
 - After replacing batteries in the remote controller.

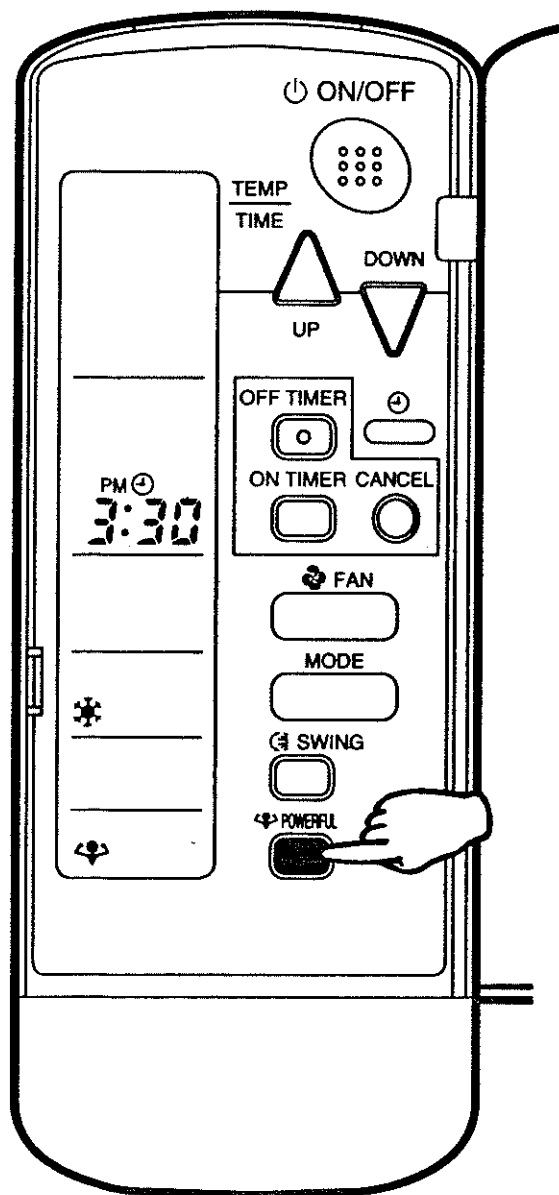
POWERFUL Operation

Hot air or quick-cooled air is discharged intensively under the mode. In winter, when you get home, or in summer, after you take a bath, this mode is recommended.

- Pressing the (POWERFUL) button during operation starts POWERFUL operation.
- POWERFUL operation ends in 20 minutes. Then the system automatically operates again with the settings which were used before POWERFUL operation.



■ To cancel POWERFUL operation:



POWERFUL operation

- Under HEATING, hot air of approximately 60°C is discharged to warm your chilled body when you get home. Under COOLING or PROGRAM DRY, cold air refreshes your glow body after taking a bath.

Care and Cleaning



CAUTION

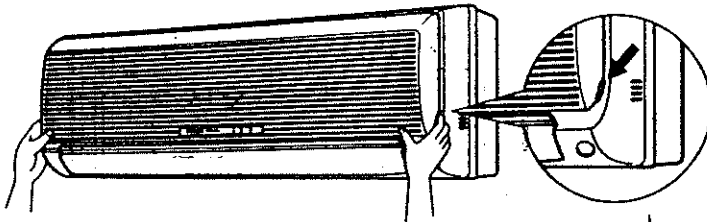
Before cleaning, be sure to stop the operation and turn the breaker OFF.

Cleaning the air filters (It is recommended to clean them every two weeks.)

When **CLEANING** lamp lights up, clean the air filters.

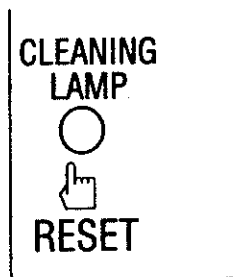
1 Open the front grille.

- Hold the grille by the tabs on the two sides and lift it until it stops with a click.



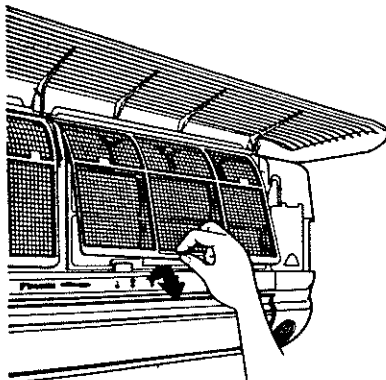
2 Push **CLEANING** lamp reset button.

(See page 8.)

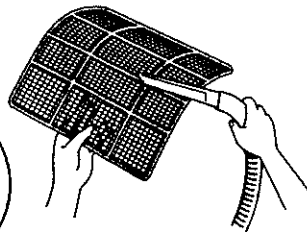


3 Pull out the air filters.

- Push a little upwards the tab at the center of each air filter, then pull it down.



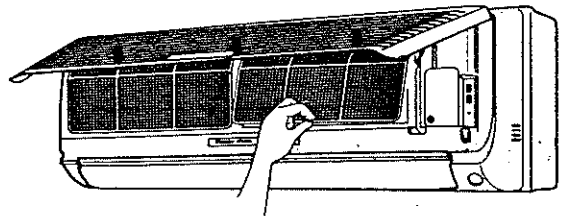
4 Take off the air purifying filters and clean them.



- Wash the air filters (not air purifying filters) with water, or clean them with a vacuum cleaner.
- If the dust does not come off easily, wash them with neutral detergent thinned with luke-warm water, then dry them up in the shade.

5 Set the air purifying filters and the air filters in their original positions and close the front grille.

- Push the left and right ends and the central part of the front grille to close it.



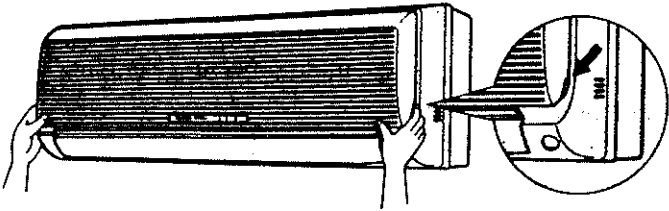
NOTE

- In a dusty environment, clean the air filters at least once in every two weeks even before the **CLEANING** lamp lights up.
- Operation with dusty air filters lowers the cooling or heating capacity and wastes energy.

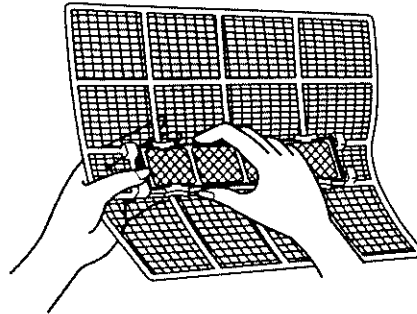
Replacing air purifying filters

(It is recommended to replace them every three months.)

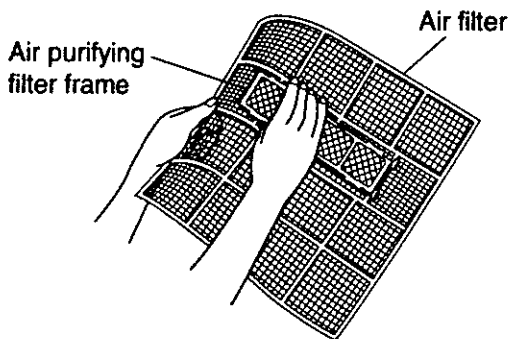
- 1** Open the front grille and pull out the air filters.



- 3** Detach the filter element and attach a new one (if replacing them).



- 2** Take off the air purifying filters (if replacing them).



- 4** Set the air filters in their original position and close the front grille.

- Push the left and right ends and the central part of the front grille to close it.

- Hold the recessed parts of the frame and unhook the four claws.

Cleaning the indoor and outdoor units and the remote controller

- Wipe them with dry soft cloth.
For cleaning, do not use water hotter than 40°C, benzine, gasoline, thinner, or other volatile oils, polishing compound, scrubbing brushes or other hard stuff.

Care and Cleaning

Cleaning the front grille You may remove the front grille for cleaning.

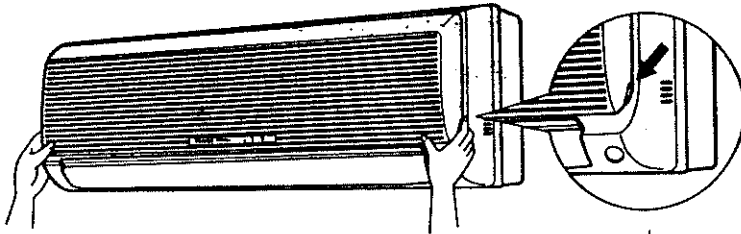


CAUTION

- When removing or attaching the front grille, use a solid and stable stool and watch your steps carefully.
- When removing or attaching the front grill, support the grille securely with hand to prevent it from falling.
- For cleaning, do not use water hotter than 40°C, benzine, gasoline, thinner, or other volatile oils, polishing compound, scrubbing brushes or other hard stuff.
- After cleaning, make sure that the front grille is securely fixed.

1 Open the front grille.

- Hold the grille by the tabs on the two sides and lift it until it stops with a click.

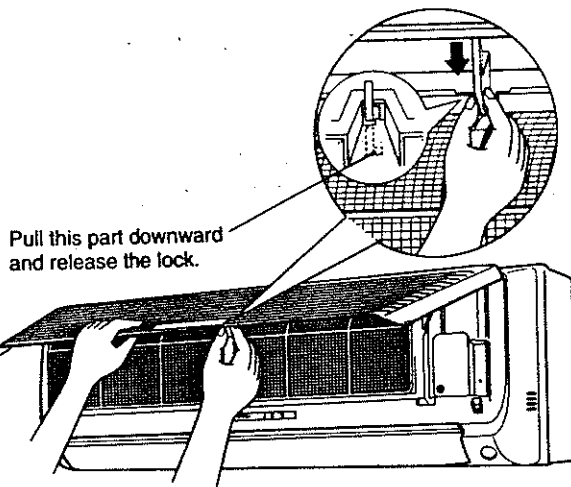


3 Clean the front grille.

- You may wipe it with a soft cloth soaked in water.
- Only neutral detergent may be used.
- You may wash the grille with water. After washing, dry it with cloth, then dry it up in the shade.

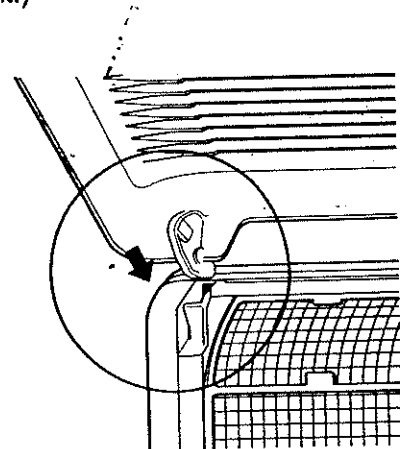
2 Remove the front grille.

- Supporting the front grille with one hand, release the lock by sliding down the knob with the other hand.
- Pull the front grille forward in this state. Then the grille will come off.



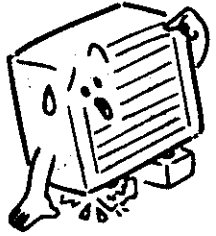
4 Attach the front grille.

- Set the front grille key into the slot and push it in all the way.
- Close the front grille slowly in this state. (Push the left and right ends and the central part of the front grille to close it.)

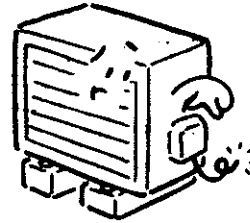


Check

Check that the base, stand and other fittings of the outdoor unit are not decayed or corroded.



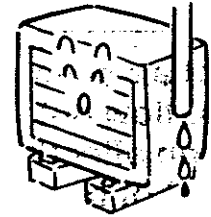
Check that the earth wire is not disconnected or broken.



Check that nothing blocks the air inlets and the outlets of the indoor unit and the outdoor unit.



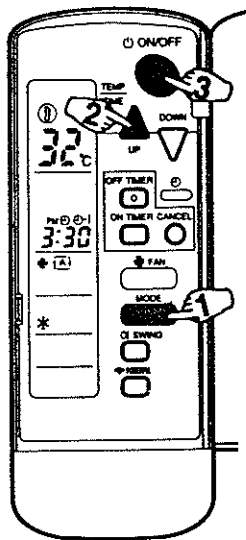
Check that the drain comes smoothly out of the drain hose during COOL or DRY operation.



- If no drain water is seen, water may be leaking from the indoor unit. Stop operation and consult the shop if this is the case.

Before a long idle period

- ① Operate the fan alone for several hours on a fine day to dry out the inside.



To operate the fan alone:

- 1 Press **MODE** and select "❄️".

- 2 Press **UP** and set the temperature to 32°C.

- 3 Press **ON/OFF**.

- The air flow rate is fixed regardless of the setting.
- Perform this operation when the room temperature is under 28°C.



- ② Clean the air filters and set them again.
- ③ Take out batteries from the remote controller.
- ④ Turn OFF the breaker for the room air conditioner.

- The air conditioner consumes some watts of electricity even when it is stopped with the remote controller.

Trouble Shooting

These cases are not troubles.

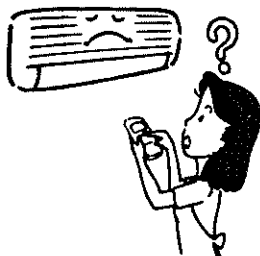
The following cases are not air conditioner troubles but have some reasons. You may just continue using it.

Case

Explanation

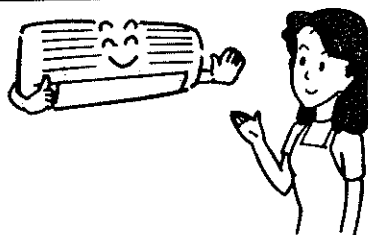
Operation does not start soon.

- When ON/OFF button was pressed soon after operation was stopped.
- When the mode was re-selected.



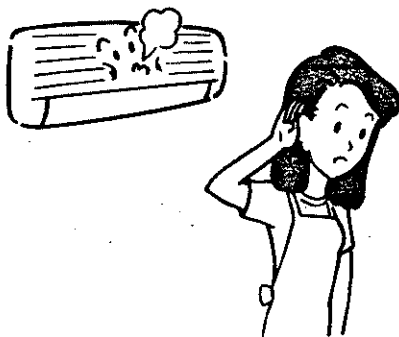
- This is to protect the air conditioner. You should wait for about three minutes.

Hot air does not flow out soon after the start of heating operation.



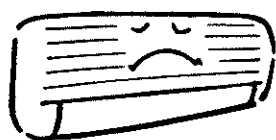
- The air conditioner is warming up. You should wait for one to four minutes.

The air conditioner emits strange sounds.



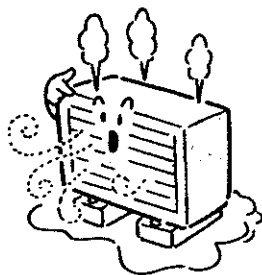
- A flowing sound:
 - This is the sound of refrigerant flowing in the air conditioner.
- A 'psss' sound:
 - This is a sound emitted when the refrigerant flow stops or changes inside the unit.
- A snap sound:
 - This is a sound produced when the indoor unit casing shrinks or expands slightly due to temperature changes.
- A "plop-plop" sound:
 - This sound is heard from the air conditioner when the space is closed and a ventilator is operating in the same space. Open a window or stop the ventilator.

The heating operation stops suddenly and a flowing sound is heard.



- The system is taking away the frost on the outdoor unit. You should wait for about three to eight minutes.

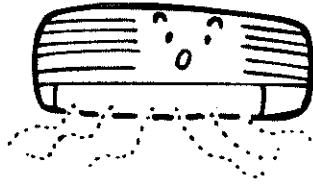
The outdoor unit emits water or steam.



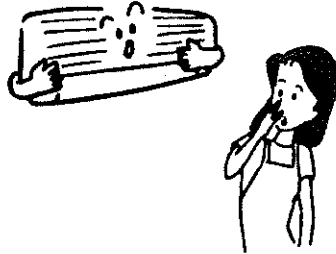
- In HEAT mode
 - The frost on the outdoor unit melts into water or evaporates into steam when the air conditioner is in defrost operation.
- In COOL or DRY mode
 - Moisture in the air condenses into water on the cool surface of outdoor unit piping and drips.

Case

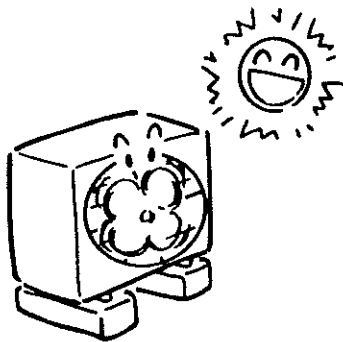
Mists come out of the indoor unit.



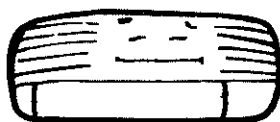
The indoor unit gives out odour.



The outdoor fan rotates while the air conditioner is not in operation.



The operation stopped suddenly. (OPERATION lamp is on)



Silence

Explanation

- This happens when the air in the room is cooled into mist by the cold air flow during cooling operation.

- This happens when smells of the room, furniture, or cigarettes are absorbed into the unit and discharged with the air flow. (If this happens, we recommend you to have the indoor unit washed by a technician. Consult the shop where you bought the air conditioner.)

- After operation is stopped:
 - The outdoor fan continues rotating for another 30 seconds for system protection.
- While the air conditioner is not in operation:
 - When the outdoor temperature is very high, the outdoor fan starts rotating for system protection.

- For system protection, the air conditioner may stop operating on a sudden large voltage fluctuation. It automatically resumes operation in about 3 minutes.

These cases are not troubles.

TROUBLE SHOOTING

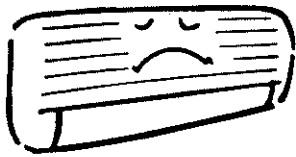
Trouble Shooting

Check again.

Please check again before calling a repair person.

Case

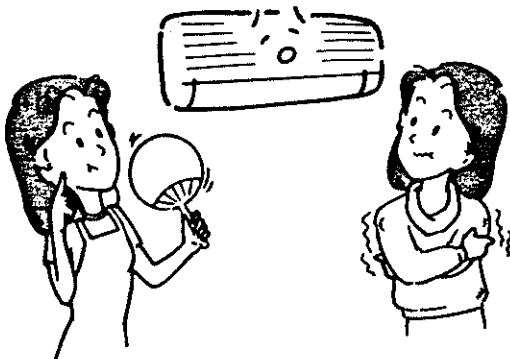
The air conditioner does not operate.
(OPERATION lamp is off)



Check

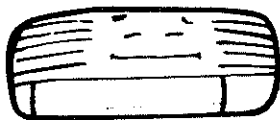
- Check whether a breaker has turned OFF or a fuse has blown.
- Check whether it is a power failure.
- Check whether batteries set in the remote controller.
- Check whether the address switch on the remote controller is set correctly. (See page 10.)
- Check whether the timer setting is correct.

Cooling or heating effect is poor.



- Check whether the air filters are dirty.
- Check that nothing blocks the air inlet or the outlet of the indoor and the outdoor units.
- Check whether the temperature setting is appropriate.
- Check that no window or door is open.
- Check whether the air flow rate and the air direction are set appropriately.
- Check that no ventilator is operating.

Operation stops suddenly.
(OPERATION lamp flashes.)



Silence

- Check that nothing blocks the air inlet or the outlet of the indoor and the outdoor units.
Take all obstacles away and turn the breaker OFF. Then turn the breaker ON again, and try operating the air conditioner with the remote controller. If the lamp still flashes, call the shop where you bought the air conditioner.

An abnormal functioning occurs during operation.



- The air conditioner may malfunction with lightning or radio waves. Turn the breaker OFF, then turn the breaker ON again, and try operating the air conditioner with the remote controller.

Trouble Shooting

Call the shop immediately.



WARNING

- When an abnormality (such as a burning smell) occurs, stop operation and turn the breaker OFF.

Continued operation in an abnormal condition may result in troubles, electric shocks or fire.

- Do not attempt to repair or modify the air conditioner by yourself.

Incorrect work may result in electric shocks or fire.
Consult the shop where you bought the air conditioner.

If one of the following symptoms takes place, call the shop immediately.

- An abnormal sound is heard during operation.
- An alien substance or water has been accidentally put into a unit or the remote controller.
- The safety breaker, a fuse, or the earth leakage breaker cuts off the operation frequently.
- A switch or a button often fails to work properly.
- There is a burning smell.
- Water leaks from the indoor unit.

Turn the breaker OFF and call the shop.





- The OPERATION lamp flashes.

Turn the breaker OFF and call the shop.



- After a power failure

When the power supply has recovered, press  ON/OFF button to restart operation. 

- Lightening

If lightening may strike the neighboring area, stop operation and turn the breaker OFF for system protection.

Check again. / Call the shop immediately

TROUBLE SHOOTING