

OWNER'S MANUAL AIR CONDITIONER

Please read this manual carefully before operating your set and retain it for future reference.

TYPE: SINGLE PACKAGE



P/NO : MFL67445901

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FOR YOUR RECORDS

Write the model and serial numbers here:

Model

Serial

You can find them on a label on the side of each unit.

Dealer's Name

Date Purchased

■ Staple your receipt to this page in the event you need it to prove date of purchase or for warranty issues.



READ THIS MANUAL

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner.

You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of

Troubleshooting Tips first, you may not need to call for service at all.



PRECAUTION

- · Contact the authorized service technician for repair or maintenance of this unit.
- · Contact the installer for installation of this unit.
- The air conditioner is not intended for use by young children or invalids without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- · When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.
- · Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.



Safety Precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed.

■ Incorrect operation due to ignoring instruction will cause harm or damage. The seriousness is classified by the following indications.

AWARNING This symbol indicates the possibility of death or serious injury.



This symbol indicates the possibility of injury or damage.

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

	Be sure not to do.	
0	Be sure to follow the instruction.	

▲ WARNING

■ Installation -

Do not use a defective or underrated circuit breaker. Use this appliance on a dedicated circuit.

 There is risk of fire or electric shock.

Install the panel and the cover of control box securely.

 There is risk of fire or electric shock

Use the specified wires to connect the unit.

 There is risk of fire or electric shock.

For installation, always contact the dealer or an Authorized Service Center.

· There is risk of fire, electric shock. explosion, or injury.

For electrical work, contact the dealer, seller, a qualified electrician, or an Authorized Service Center.

· Do not disassemble or repair the product. There is risk of fire or electric shock.

Always install a dedicated circuit and breaker.

· Improper wiring or installation may cause fire or electric shock.

Do not install, remove, or reinstall the unit by yourself (customer).

· There is risk of fire, electric shock. explosion, or injury.

Do not install the product on a defective installation stand.

· It may cause injury, accident, or damage to the product.

Always ground the product.

 There is risk of fire or electric shock

Use the correctly rated breaker or fuse.

 There is risk of fire or electric shock.

Be cautious when unpacking and installing the product.

 Sharp edges could cause injury. Be especially careful of the case edges and the fins on the condenser and evaporator.

Be sure the installation area does not deteriorate with age.

· If the base collapses, the air conditioner could fall with it. causing property damage, product failure, and personal injury.

■ Operation

Do not let the air conditioner run for a long time when the humidity is very high and a door or a window is left open.

 Moisture may condense and wet or damage furniture.

Do not plug or unplug the power supply plug during operation.

 There is risk of fire or electric shock.

Do not allow water to run into electric parts.

 It may cause There is risk of fire, failure of the product, or electric shock

When flammable gas leaks, turn off the gas and open a window for ventilation before turn the product on.

 Do not use the telephone or turn switches on or off. There is risk of explosion or fire.

Do not open the panel of the product during operation. (Do not touch the electrostatic filter, if the unit is so equipped.)

 There is risk of physical injury, electric shock, or product failure.

Take care to ensure that power cable could not be pulled out or damaged during operation.

 There is risk of fire or electric shock.

Do not touch(operate) the product with wet hands.

 There is risk of fire or electrical shock.

Do not store or use flammable gas or combustibles near the product.

 There is risk of fire or failure of product.

If strange sounds, or small or smoke comes from product. Turn the breaker off or disconnect the power supply cable.

 There is risk of electric shock or fire.

When the product is soaked (flooded or submerged), contact an Authorized Service Center.

 There is risk of fire or electric shock.

Do not place anything on the power cable.

 There is risk of fire or electric shock.

Do not place a heater or other appliances near the power cable.

 There is risk of fire and electric shock.

Do not use the product in a tightly closed space for a long time.

Oxygen deficiency could occur.

Stop operation and close the window in storm or hurricane. If possible, remove the product from the window before the hurricane arrives.

 There is risk of property damage, failure of product, or electric shock.

Be cautious that water could not enter the product.

• There is risk of fire, electric shock, or product damage.

Ventilate the product from time to time when operating it together with a stove, etc.

· There is risk of fire or electric shock.

When the product is not be used for a long time, disconnect the power supply plug or turn off the breaker.

 There is risk of product damage or failure, or unintended operation.

Turn the main power off when cleaning or maintaining the product.

· There is risk of electric shock.

Take care to ensure that nobody could step on or fall onto the unit.

 This could result in personal injury and product damage.

ACAUTION

■ Installation

Always check for gas (refrigerant) pressure after installation or repair of product.

 Low refrigerant levels may cause failure of product.

Do not install the product where the noise or hot air from the outdoor unit could damage the neighborhoods.

 It may cause a problem for your neighbors.

Install the drain hose to ensure that water is drained away properly.

· A bad connection may cause water leakage.

Don't use people to lift and transport the product.

· Avoid personal injury.

Keep level even when installing the product.

· To avoid vibration or water leakage.

Do not install the product where it will be exposed to sea wind (salt spray) directly.

· It may cause corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient operation.

Operation

Do not expose the skin directly to cool air for long periods of time. (Don't sit in the draft.)

· This could harm to your health.

Do not block the inlet or

It may cause product failure.

outlet of air flow.

failure of product.

Use a soft cloth to clean, Do not use harsh detergents. solvents, etc.

· There is risk of fire, electric shock, or damage to the plastic parts of the product.

· A dirty filter reduces the efficiency of the air conditioner and could cause product malfunction or damage.

such as preserving foods, works of art, etc. It is a consumer air conditioner, not a precision refrigeration system.

· There is risk of damage or loss of property.

Do not use the product for special purposes,

the product when removing the air filter. They are very sharp!

Do not touch the metal parts of

There is risk of personal injury.

Do not step on or put Always insert the filter securely. anything on the product. Clean the filter every four weeks (outdoor units) or more often if necessary.

· There is risk of personal injury and

Do not insert hands or other objects through the air inlet or outlet while the product is operated.

 There are sharp and moving parts that could cause personal injury.

Do not drink the water drained from the product.

 It is not sanitary and could cause serious health issues.

Use a firm stool or ladder when cleaning or maintaining the product.

· Be careful and avoid personal injury.

Prior to Operation

Preparing for Operation

- 1. Contact an installation specialist for installation.
- 2. Use a dedicated circuit breaker.

Usage

- Being exposed to direct airflow for an extended period of time could be hazardous to your health. Do not expose
 occupants, pets, or plants to direct airflow for extended periods of time.
- 2. Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
- 3. Do not use this air conditioner for non-specified special purposes (e.g. preserving precision devices, food, pets, plants, and art objects). Such usage could damage the items.

Cleaning and Maintenance

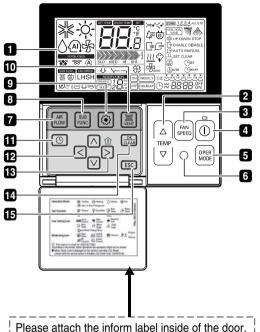
- Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
- Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
- 3. When cleaning the unit, first make sure that the power and breaker are turned off. The fan rotates at a very high speed during operation. There is a possibility of injury if the unit's power is accidentally triggered on while cleaning inner parts of the unit.

Service

For repair and maintenance, contact your authorized service dealer.

Operating Instructions

Name and Function of Wired Remote Controller

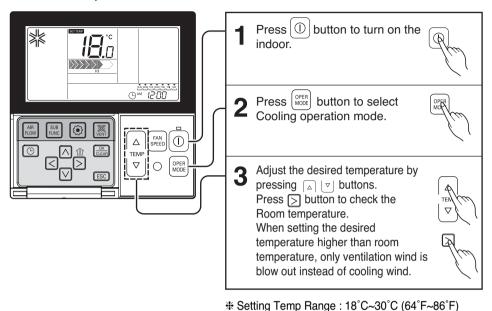


Please choose proper language depend on your country.

- OPERATION INDICATION **SCREEN**
- 2 SET TEMPERATURE BUTTON
- 3 FAN SPEED BUTTON
- 4 ON/OFF BUTTON
- 6 OPRATION MODE SELECTION BUTTON
- **6** WIRELESS REMOTE **CONTROLLER RECEIVER**
- AIR FLOW BUTTON
- **8** SUBFUNCTION BUTTON
- 9 FUNCTION SETTING BUTTON
- **10** VENTILATION BUTTON
- **T** RESERVATION
- 12 UP.DOWN.LEFT.RIGHT BUTTON
 - To check the indoor temperature, press 📇 button.
- ROOM TEMPERATURE BUTTON
- 12) SETTING/CANCEL BUTTON
- **15** EXIT BUTTON

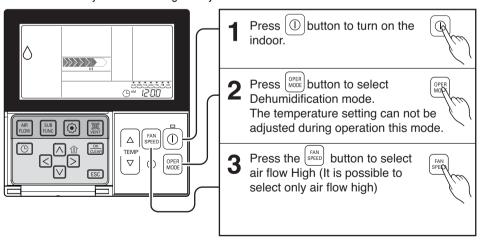
Standard Operation - Standard Cooling

It cools the room by comfortable and clean wind.



Standard Operation - Dehumidification Mode

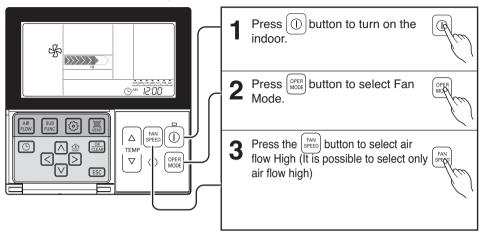
It removes humidity while air-cooling weakly.



· In rainy season or high humidity climate, it is possible to operate simultaneously dehumidifier and cooling mode to remove humidity effectively.

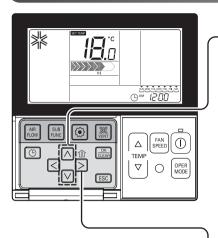
Standard Operation - Fan Mode

It blows the air as it is in the indoor, not the cold wind.



· Because it releases the wind that has no temperature difference from the room, it functions to circulate the inside air.

Standard Operation - Temperature Setting/Room Temperature Check



Temperature Setting

- We can simply adjust the desired temperature.
 - desired temperature.
 - : Increase 1°C per one time pressing
 - : Decrease 1°C per one time pressing
 - · Room temp: Indicate the current room temperature.
 - Set temp: Indicate the temperature that user want to set.

Cooling operation:

- The cooling mode doesn't work if desired temperature is higher than room temperature Please lower the desired temperature.

Room Temperature Check

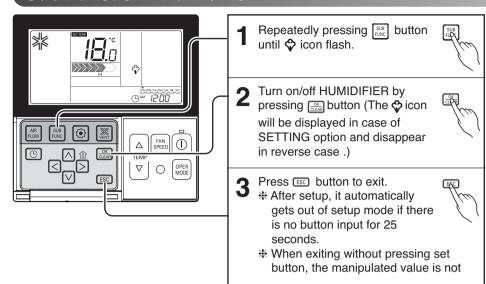
Whenever press > button, the room temperature will be displayed within 5 seconds.

After 5 seconds, it turns to display the desired temperature.

Because of location of remote controller, the real room temperature and the this displayed value can be different

- For air-cooling drive, from 18°C to 30°C, you can select desired temperature.
- 5°C is proper for the difference between room and outside temperature.

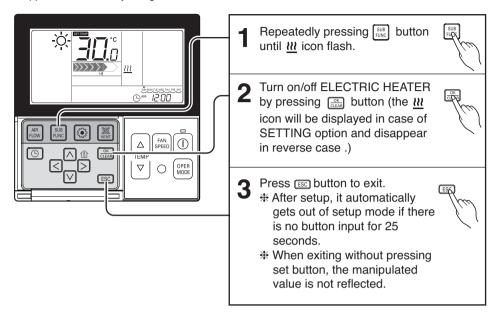
Sub Function - Humidifier



- · We provide only function to control Humidifier on/off.
- If the operation mode is changed, Humidifier is off.
- · It can only be set when the product is operated standard cooling, fan mode and electric heater mode
- It is impossible to select this mode during operating dehumidification mode.

Sub Function - Electric Heater (Accessory)

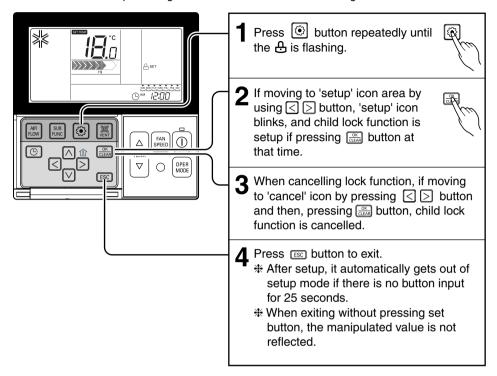
It supplies warm wind by using electric heater.



- Electric Heater is heating function on this product.
- It can only be set when product operation is off.
- If the electric heater mode is operated first, It can be set heating operation and desired temperature is 30°C

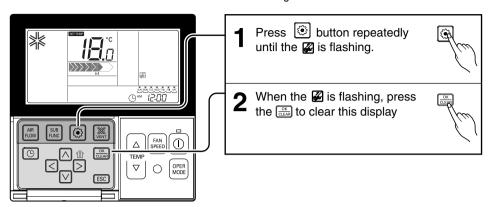
Function Setting - Child Lock

It is the function to use preventing children or others from careless using.



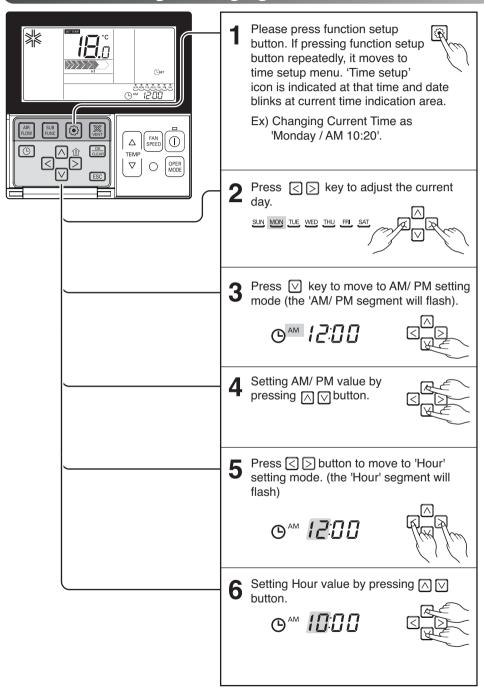
Function Setting - Filter Sign Clear

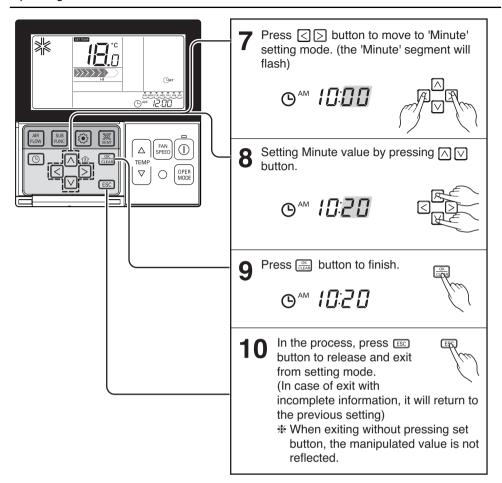
This function is to clear the indicator of indoor filter cleaning.



- · When filter is covered by dust, it will reduce cooling/heating efficiency and accumulate more electric power. Therefore, do clean the filter whenever cleaning time is expired.
- # Filter cleaning indication is automatically cancelled without the separate cancellation after certain period of time.

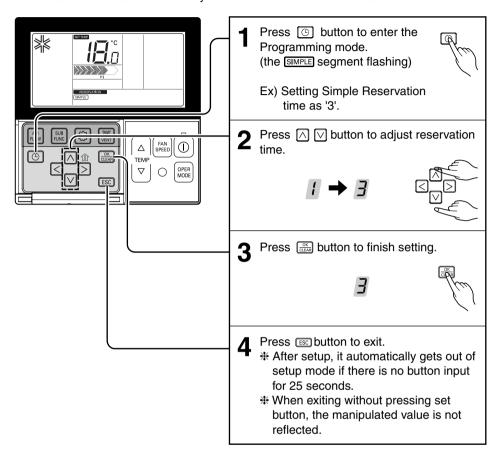
Function Setting - Changing Current Time





Programming - Simple Reservation

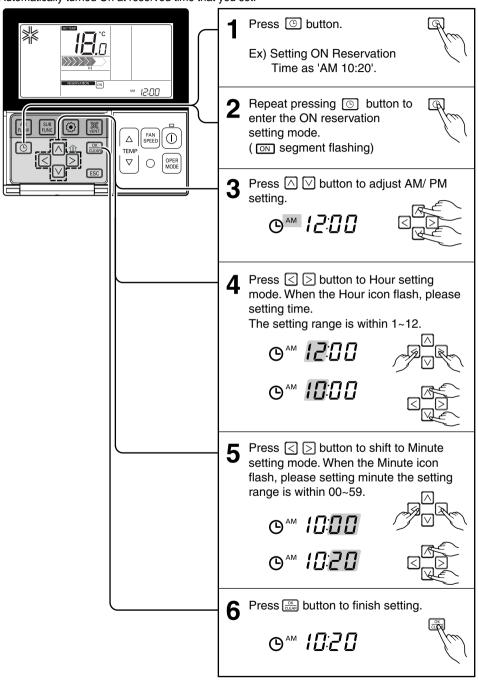
You can set the reservation conveniently in the units of 1 hour from 1 hour to 7 hours.

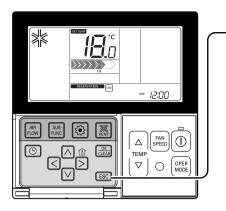


₩ When simple reservation setup, product automatically runs or stops after the time that is set.

Programming - ON Reservation

Automatically turned On at reserved time that you set.



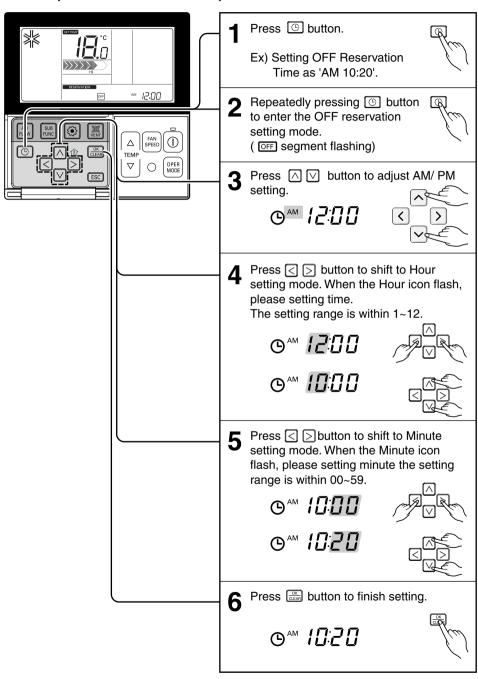


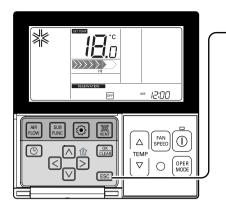
Press Esc button to exit.

- * After setup, it automatically gets out of setup mode if there is no button input for 25 seconds.
- ₩ When exiting without pressing set button, the manipulated value is not reflected.
 - If reservation is set, 'turned on' indication shows up at the lower part of LCD screen, and air-conditioner product runs at the time that is set.
 - If reservation is cancelled, 'turned on' indication disappears.

Programming - OFF Reservation

Automatically turned Off at reserved time that you set.





Press Esc button to exit.

- * After setup, it automatically gets out of setup mode if there is no button input for 25 seconds.
- ₩ When exiting without pressing set button, the manipulated value is not reflected.
 - If reservation is set, 'turned off' indication shows up at the lower part of LCD screen, and air-conditioner product runs at the time that is set.
 - If reservation is cancelled, 'turned off' indication disappears.

Programming: Weekly Reservation

You can set the daily reservation in weekly unit.

Weekly reservation keeps operating until before you cancel it once you setup

- Please move to reservation setup mode by pressing reservation button.
 - * You can setup two weekly reservations for one day, and up to fourteen reservations for a week.

For example, to setup (Tuesday morning 11:30 turned on ~ afternoon 12:30 turned off), you setup in order below.

Please move to wall repeatedly pressing reservation Please move to 'WEEKLY' by button, 'WEEKLY' blinks at this time.

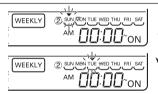


- Please select weekly reservation ¿ or weekly reservation; by using
 - * You can setup two reservations, weekly reservation 1 and weekly reservation 2, for a day.





Please move to 'date' setup part by using button. If 'date' indication blinks, please setup date. You can setup date from Monday to Sunday.





Please move to 'AM/PM' setup part





- 6 Please move to 'hour' setup part of turning on by using \(\) button.
 - It is the part to setup the time at which air-conditioner is turned on.

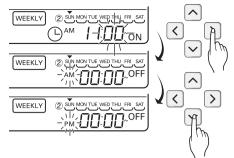




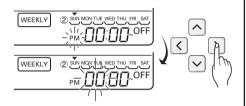
- - You can setup hour 0~12.
- Please move to 'minute' setup part of turning on by using | button.
- If 'minute' indication blinks, please setup 'minute' by using [∧] [∨] button

Please move to 'AM/PM' setup part of turning off by using |>| button.

> - AM/PM setup is identical with turning on time setup.



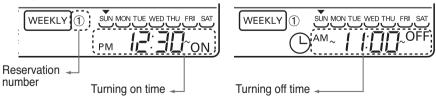
- Please move to 'hour' setup part 11 of turning off by using |> button.
 - It is the part to reserve the time at which air-conditioner is turned off.
 - If 'hour' indication blinks, please setup 'hour'.
 - * Please setup 'hour' and 'minute' identically with the method to setup turning on time.





- If finishing weekly reservation setup, please press setup/cancellation button. Weekly reservation setup for the day that you set is finished.
- If you setup with the method identical with above by selecting the day that you'd like to setup, it operates weekly reservation. If you setup both turning on reservation time and turning off reservation time identically, it doesn't operate reservation drive.

Weekly reservation explanation

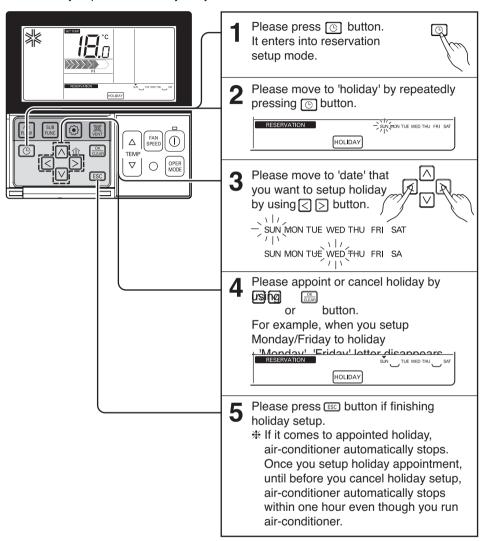


SUN MON TUE WED THU FRI SAT

Under bar: the indication that there is weekly reservation for corresponding day

Programming: Holiday Reservation

It automatically stops at reserved day that you set.



Care and Maintenance



CAUTION

Before performing any maintenance, turn off the main power to the system.

You can do some of the periodic maintenance for your unit yourself; this includes cleaning air filters, cleaning unit cabinet, clearing the condenser coil, and conducting a general unit inspection on a regular basis.



WARNING

Before removing access panels to service unit, disconnect power supply. Failure to disconnect power before attempting any servicing can result in severe injury or death.

This product has anti-bacteria washable filters. It is very important to keep air filters clean in the central duct system. Be sure to inspect them at least once each month when the system is in constant operation. (In new buildings, check the filters every week for the first 4 weeks.)

Washable type filters can be cleaned by washing with a mild detergent and water. Ensure that the filters are thoroughly dried before reinstalled them in the unit (or duct system).

Unfiltered air circulates through the unit's condenser coil and can cause the coil's surface to become clogged with dust, dirt, etc.. To clean the coil, vertically (i.e., along the fins) stroke the coil surface with a soft bristled brush.

Keep all vegetation away from the condenser coil area.

Maintenance Performed by Serviceman-Cooling Season

To keep your unit operating safely and efficiently, the manufacturer recommends that a qualified serviceman check the entire system at least once each year, or more frequently if conditions warrant. Your serviceman may examine these areas of your unit:

- 1. Filters (for cleaning)
- 2. Motors and drive system components
- 3. Condenser coils (for cleaning)
- 4. Safety controls (for mechanical cleaning)
- 5. Electrical components and wiring (for possible replacement or connection tightness)
- 6. Condensate drain (for cleaning)
- 7. Inspect the unit duct connections to ensure they are physically sound and sealed to the unit casing.
- 8. Inspect the unit mounting support to see that it is sound.
- 9. Inspect the unit to ensure there is no obvious deterioration.

Maintenance Performed by Serviceman-Heating Season

Complete the unit inspections and service routines described below at the beginning of each heating season.

· Inspect the controller panel wiring to verify that all electrical connections are tight and that wire insulation is intact.

When the air conditioner is not going to be used for a long time.

When air conditioner is not going to be used for a long time.

- 1. Operate the air conditioner on air circulation mode for 2 to 3 hours.
 - This will dry out the internal parts.
- 2. Turn off the circuit breaker.



CAUTION

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

When the air conditioner is to be used again.

- 1. Clean the air filter and re-install it in the indoor side. On the fillter access panel at the left side of the unit, a "Filter access panel" label is attatched.
- 2. Check that the air inlet and outlet of the indoor/outdoor unit are not blocked.

Operation Tips

Do not overcool the room.

This is not good for your health and wastes electricity.

Make sure that the doors and windows are shut tight.

Avoid opening doors and windows as much as possible to keep the cool air in the room.

Keep blinds or curtains closed.

Do not let direct sunshine enter the room when the air conditioner is in operation.

Ventilate the room occasionally.

Since windows are kept closed, it is a good idea to open them and ventilate the room now and then.

Clean the air filter regularly.

Blockages in the air filter reduce the airflow and lower cooling and dehumidifying effects.



CAUTION

Before removing access panels to draw out air filters, disconnect power supply. Since the fan rotates at high speed, it may cause a serious injury

- Clean at least once every month using a vacuum cleaner or washing with a neutral detergent in lukewarm water.
- 2 After washing with water, dry it well in the shade.
- Do not expose the air filter to direct sunlight or heat from a fire when drying it.

Before you call for service...

Check the following points before requesting repairs or service.... If the fault persists, please contact your dealer or service center.

Case	Explanation
Does not operate.	Have you made a mistake in timer operation? See reservation instructions.
	Has the fuse blown or has the circuit breaker been tripped?
	• Does the remote controller display " £# " on the LCD? This means that protective device has been tripped please contact your dealer or service center.
The room has a peculiar odor.	Check that this is not a damp smell exuded by the walls, carpet, furniture, or cloth items in the room.
It seems that condensation is leaking from the air conditioner.	Condensation occurs when the airflow from the air conditioner cools the warm air.
Air conditioner does not operate for about 3 minutes when restarted.	This is the protection device of the air conditioner. Wait about three minutes and operation will begin.
Does not cool or heat effectively.	Is the air filter dirty? See air filter cleaning instructions.
	The room may have been very hot when the air conditioner was first turned on. Allow time for it to cool down.
	Has the setting temperature been set incorrectly? See temperature setting instructions.
	Has the setting temperature been set incorrectly?
	Are the unit's air inlet or outlet vents obstructed?
Remote controller display is faint, or no display at all.	Has the circuit breaker been tripped?