



WINDOW / WALL-TYPE ROOM AIR CONDITIONER INSTRUCTION MANUAL



This instruction manual contains important information and recommendations that we would request you to comply with, in order to obtain best results from our air conditioner.

SOCIABLE REMARK

When using this unit in the European countries, the following informations must be followed:

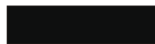
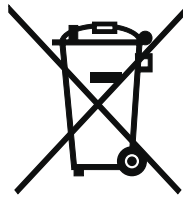
DISPOSAL: Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

It is prohibited to dispose of this appliance in domestic household waste.

For disposal, there are several possibilities:

- A) The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
- B) When buying a new product, the retailer will take back the old product at least free of charge.
- C) The manufacture will take back the old appliance for disposal at least free of charge to the user.
- D) As old products contain valuable resources, they can be sold to scrap metal dealers.

Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.



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Read This Manual

This manual contains many helpful tips 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 will find answers to common problems encountered in the Troubleshooting Tips chart. It is recommended to review this chart first prior to calling our service centers.

CAUTION

- This appliance may be used by children aged 8 years and above. Persons with reduced physical, sensory, and mental capabilities, or lack of experience and knowledge should be given supervision or instruction concerning use of the appliance in a safe way and hazards it may involve. Children are advised not to play with the appliance. Cleaning and user maintenance shall also not be made by children without supervision.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The appliance shall be installed in accordance with national wiring regulations.
- Do not operate your air conditioner in a wet room such as bathroom or laundry room.
- Air conditioners equipped with electric heater should be installed at a distance of at least 1 meter from combustible or inflammable materials.
- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the Authorized installer for installation of this unit.

Safety Precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed. Failure to follow these instructions may lead to incorrect operation, causing harm and damage.

■ The seriousness is classified by the following indications:



WARNING : This symbol indicates the possibility of death or serious injury.



CAUTION : This symbol indicates the possibility of damage to properties only.

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



Be sure not to do.



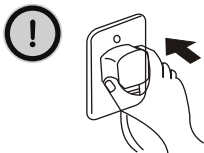
Be sure to follow the instruction.



WARNING

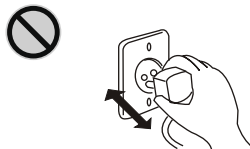
Plug in power plug properly

- Otherwise, it will cause electric shock or fire due to heat generation



Do not operate or stop the unit by inserting or pulling out the power plug.

- It will cause electric shock or fire due to heat generation



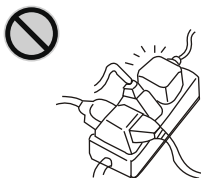
Do not damage or use an unspecified power cord.

- It will cause electric shock or fire.
- If the power cord is damaged, it must be replaced by the manufacturer or an authorized service center or a similarly qualified person in order to avoid a hazard.



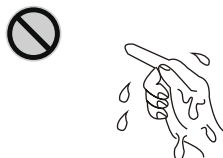
Do not modify power cord length or share the outlet with other appliances

- It will cause electric shock or fire due to heat generation



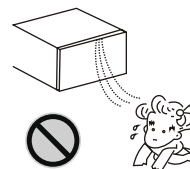
Do not operate with wet hand or in damp environment.

- It will cause electric shock.




Do not direct airflow at room occupants only.

- This could damage your health.




Safety Precautions


CAUTION

 When the air filter is to be removed, do not touch the metal parts of the unit.


It may cause an injury.

 Do not clean the air conditioner with water.


Water may enter the unit and degrade the insulation. It may cause an electric shock.

 Ventilate well when used together with a stove, etc.


An oxygen shortage may occur.

 When the unit is to be cleaned, switch off and turn off the breaker.


Since the fan rotates at high speed during operation, it may cause an injury.

 Do not place a pet or house plant where it will be exposed to direct air flow.


This could cause injury to the pets or plants.

 Do not use for special purposes.


Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.

 Do not operate switches with wet hands.

It may cause an electric shock.

 Do not apply an insecticide or flammable spray.

It may cause fire or deformation of the unit's cabinet.

 Do not place a heater or other combustible materials where it will be exposed to direct air flow.

It may cause imperfect combustion

For your safety

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this product or any other appliance.
- Avoid fire hazard or electric shock. Do not use an extension cord or an adaptor plug. Do not remove any prong from the power cord.

Electrical Information

- Ensure that the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located on the side of the unit's cabinet.
- Be sure the air conditioner is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your air conditioner must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper receptacle.
- Ensure that the receptacle is accessible after the unit installation.
- Do not run air conditioner with outside protective cover in place. This could result to mechanical damage within the air conditioner.

NOTE: This air conditioner is designed to be operated under the following conditions:

Cooling operation	Outdoor temp:	18-43°C/64-109°F (18-52°C/64-125°F for special tropical models)
	Indoor temp:	17-32°C/62-90°F

Note: Performance may be reduced outside of these operating temperatures.

NOTE: All pictures and figures shown in this manual are for illustrative purposes only, and may vary from that of your air conditioner's. However, please note that the actual shape shall prevail.

Points to consider when using the air conditioner

⚠ WARNING To reduce the risk of fire, electric shock, or injury to persons, read the **Safety Precautions** before operating this appliance.

NOTE: If the air conditioner is turned off, wait for 3 minutes before restarting the unit. This allows pressure inside the compressor to equalize. Failure to follow these instructions may be harmful to your unit.

Power supply voltage

If the power supplied to the unit is not within $\pm 10\%$ of the specified rating, the unit may not function and the fuse may blow.

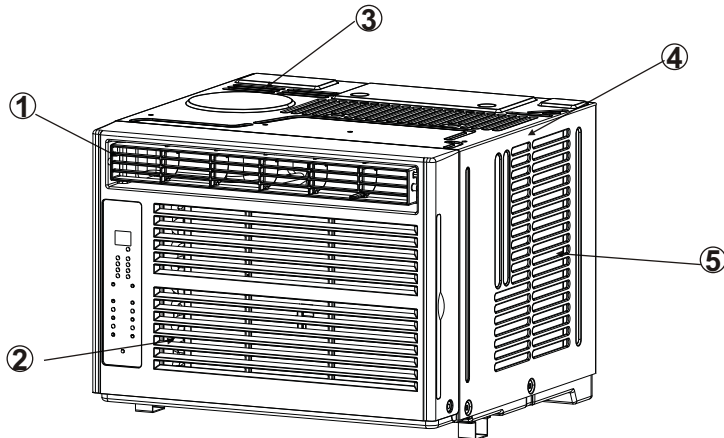
Noise level

Noise from the air conditioner will be louder at night than in the daytime. This is because noise in the surroundings is comparatively low at night. If you feel that noise of the air conditioner is too loud, switch the thermostat to a lower temperature.

Energy Saving Ideas

- The capacity of the room air conditioner must fit the room size for efficient and satisfactory operation.
- Install the room air conditioner on the shaded side of your room.
- Do not block air flow inside with blinds, curtains or furniture; or outside with shrubs, enclosures, or other buildings.
- Keep blinds and drapes in other windows closed during the sunniest part of the day.
- Clean the air filter as recommended in the section "Care and Cleaning" section.

Normal sounds



① Sound of Rushing Air

At the front of the unit, you may hear the sound of rushing air being moved by the fan

② Gurgle/Hiss

"Gurgling or hissing" noise may be heard due to refrigerant passing through evaporator during normal operation.

③ High Pitched Chatter

High efficiency compressors may have a high pitched chatter during the cooling cycle.

④ Vibration

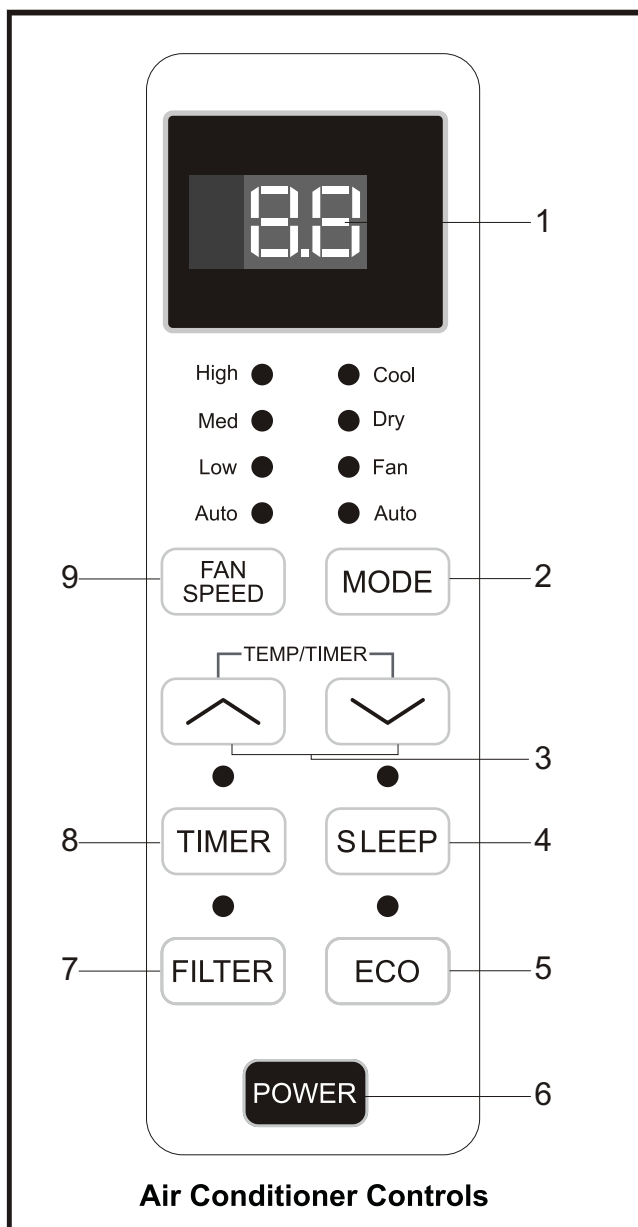
Unit may vibrate and make noise because of poor wall or window construction or incorrect installation.

⑤ Pinging or Switching

Droplets of water hitting condenser during normal operation may cause "pinging or switching" sounds.

Operating Instructions

Control Panel



Normal Operating Sounds

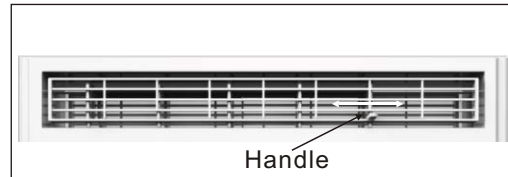
- You may hear a pinging noise caused by water hitting the condenser, on rainy days, or when the humidity is high. This design feature helps remove moisture and improve efficiency.
- You may hear the thermostat click when the compressor cycles on and off.
- Water will collect in the base pan during rain or days of high humidity. The water may overflow and drip from the outside part of the unit.
- The fan may run even when the compressor is not on.

1. **Digital Display:** Without timer setting, the operation mode is Cooling, Dry, Fan and Auto, and the set temperature will be displayed. Time will be displayed under timer setting.
2. **Mode Button:** Press the mode button to cycle through the various modes: Cool, Dry, Fan and Auto.
Cool Mode: The cooling function allows the air conditioner to cool the room and at the same time reduces Air humidity. Press the MODE button to activate the cooling function. To optimize the function of the air conditioner, adjust the temperature and the speed by pressing the button indicated.
Dry Mode: This function reduces the humidity of the air to make the room more comfortable. Press MODE button to set the DRY mode. An automatic function of alternating cooling cycles and air fan is activated.
Fan Mode: The conditioner works in only ventilation. Press MODE button to set the FAN mode. With pressing FAN SPEED button the speed changes in the following sequence: Hi, Med and Lo in FAN mode. The remote control also stores the speed that was set in the previous mode of operation.
Auto Mode: In AUTO mode the unit automatically chooses the fan speed and the mode of operation (COOL, DRY or FAN). In this mode the fan speed and the temperature are set automatically according to the room temperature (tested by the temperature sensor which is incorporated in the indoor unit.).
3. **▲ and ▼ Button:** Use these buttons on the control panel and remote to increase or decrease the Set Temperature or Timer.
Temperature range: 61°F~88°F or 16°C~31°C.
4. **Sleep Button:** Press the SLEEP button, the Sleep Light will be on after 10s, and all the left lights will be off. In SLEEP mode, the air-conditioner will automatically adjust the temperature and fan speed to make the room more comfortable during the night. The set temperature will automatically raise by 1 °C every 30-60 minutes and at most change six times until the set temperature is 28 °C. And every running time depends on the set temperature.

Control Panel

5. **Eco Button:** When the unit is in ECO mode, the light will turn on. In ECO mode, the unit will turn-off once the room is cooled to the user set temperature. The fan will also be off at this point. The unit will turn back on when the room temperature rises above the user set temperature. Before the compressor starts, the fan motor will keep running 10 minutes-stop 20 seconds-and again, to provide much more comfortable feeling, and save the energy.
6. **Power Button:** Turn the air conditioner on and off.
7. **Filter Button:** When the Filter Check light is off, it is useless to press the Filter Check button. When the Filter Check light is on, it can turn off the light by pressing the Filter Check button. After the fan motor works for 500 total hours, the Filter Check light will turn on to remind the user to clean the filter.
8. **Timer Button:** Use these buttons on the control panel and remote to set the Timer.
Timer Off: The timed stop is programmed by pressing TIMER button. Set the rest time by pressing the button “^” or “v” until the rest time displayed is to your demand then press TIMER button again.
Timer On: When the unit is off, press TIMER button at the first time, set the temperature with pressing the button “^” or “v”. Press TIMER button at the second time, set the rest time with pressing the button “^” or “v”. Press TIMER button at the third time, confirm the setting, then the rest time to next automatical switching-on could be read on the display of the machine.

Note: It can be set to automatically turn off or on in 0.5-24 hours. Each press of the “^” “v” buttons will increase or decrease the timer. The Timer can be set in 0.5 hours increment below 10 hours and 1 hour increment for 10 hours or above. The SET light will turn on while setting. To cancel the setted function, press the TIMER button again.
9. **Fan Speed Button:** Press the FAN SPEED button to choose the fan speed options. You can choose Hi, Med, Lo or auto speed in COOL mode and choose Hi, Med, Lo in FAN mode.
10. **Directional Louvers:** The louvers will allow you to direct the air flow Left or Right throughout the room as needed.
Move the Center handle from side to side until the desired Left/Right direction is obtained.

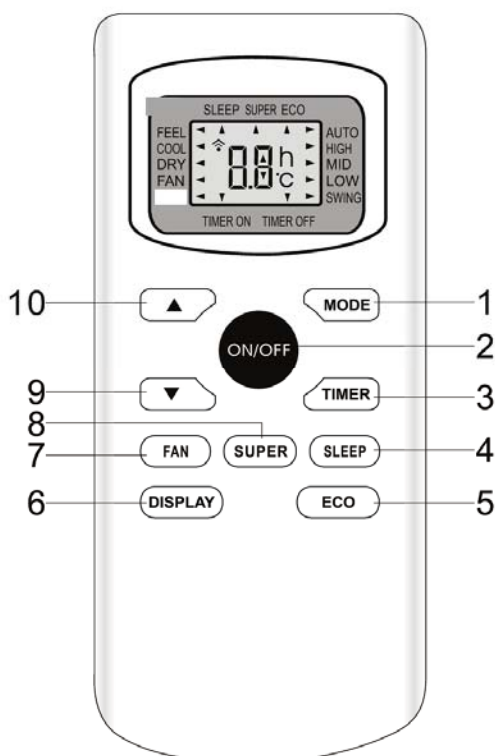


Air Direction

Operating Instructions

Remote controller

The remote controller transmits signals to the system.



No.	Button	Function
1	MODE	To select the mode of operation
2	ON/OFF	To switch the conditioner on and off.
3	TIMER	To set automatic switching-on/off
4	SLEEP	To activate the function "SLEEP"
5	ECO	To activate the function "ECO"
6	DISPLAY	To switch on/off the LED display
7	FAN	To select the fan speed of auto/low/mid/high
8	SUPER	Press this button to activate / deactivate the Super function which enables the unit to reach the preset temperature in the shortest time.
9	▼ (TEMP DN)	Decrease the temperature or time by 1 unit
10	▲ (TEMP UP)	Increase the temperature or time by 1 unit

⚠ The outlook and some function of remote control may vary according to the model.

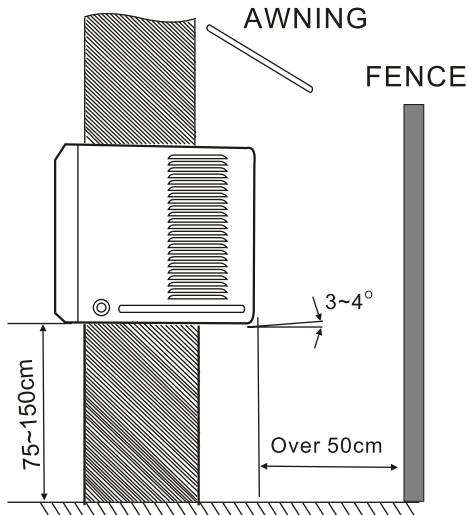
⚠ The shape and position of buttons and indicators may vary according to the model, but their function is the same.

⚠ The unit confirms the correct reception of each press button with a beep.

Installation Instructions

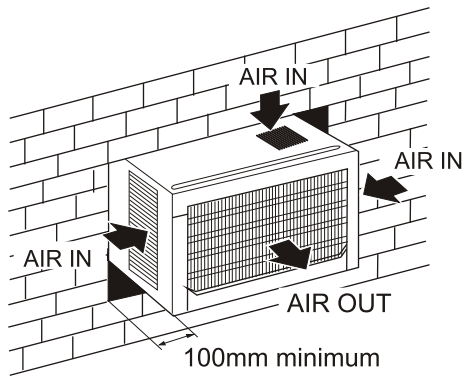
Installation instructions

Select the best location

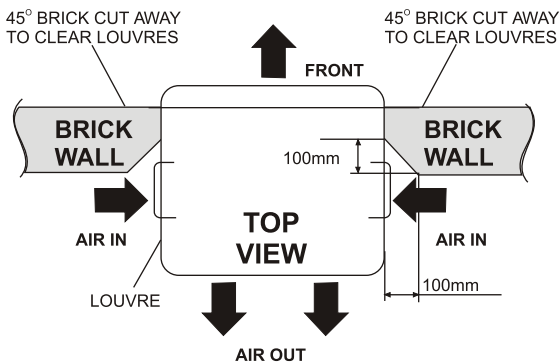


Note: Unit may be supported by a solid frame from below or by a hanger from a solid overhead support.

Installing the unit into the wall



OPTION A



OPTION B

Suggested tools

1. Screw driver (medium size Phillips)
2. Tape measure or ruler
3. Knife or scissors
4. Level gauge

Select the best location

1. To avoid vibration and noise, make sure that the unit is installed securely and firmly.
2. Install the unit where the sunlight does not shine directly on the unit. If the unit is exposed to direct sunlight, build an awning to shade the cabinet.
3. There should be no obstacle, such as a fence or wall, within 50cm from the back of the cabinet because it will prevent heat radiation of the condenser. Restriction of outside air will greatly reduce the cooling and heating efficiency of the air conditioner.
4. Install the unit a little obliquely outward to prevent the condensed water from leaking into the room (about 3~4° with level).
5. Install the unit with its bottom portion 75~150cm above the floor level.
6. The power cord must be connected to an independent circuit. The yellow/green wire must be grounded.

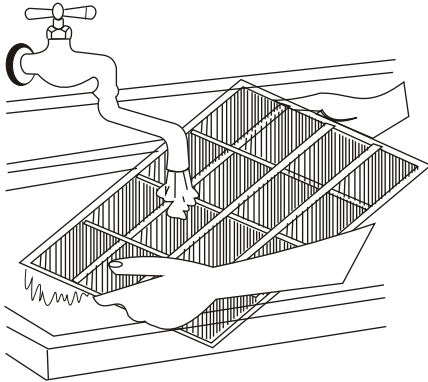
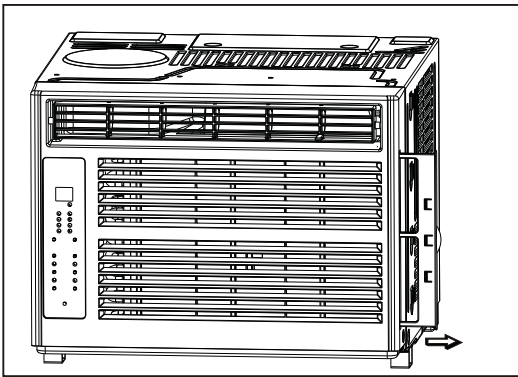
CAUTION

All side louvers of the cabinet must remain exposed to the outside of the structure.

NOTE: After installing, make sure that the air conditioner is tilted 3~4° to the outside to allow water drainage and perfect cooling efficiency.

Unit dimensions

Model (Kj/h)	Body dimension(mm) (W x H x D)	Wiring size (mm ²)
6000	406x306x390	≥3*1.3



CARE AND CLEANING

CAUTION

Clean your air conditioner occasionally to keep it looking new. **Be sure to unplug the unit before cleaning to prevent shock or fire hazards.**

Air Filter Cleaning

The air filter should be checked at least once a month to see if cleaning is necessary. Trapped particles in the filter can build up and cause an accumulation of frost on the cooling coils.

- Remove the filter by sliding out from the right-hand side.
- Wash the filter using liquid dishwashing detergent and warm water. Rinse filter thoroughly.
- Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing.
- Or, instead of washing you may vacuum the filter clean.

Note: Never use hot water over 40°C (104°F) to clean the air filter. Never attempt to operate the unit without the air filter.

Cabinet Cleaning

- Be sure to unplug the air conditioner to prevent shock or fire hazard. The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly and wipe dry.
- Never use harsh cleaners, wax or polish on the cabinet front.
- Be sure to wring excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the air conditioner.
- Plug in air conditioner.

Winter Storage

- If you plan to store the air conditioner during the winter, remove it carefully from the window according to the installation instructions. Cover it with plastic or return it to the original carton.

Before calling for service, review this list. It may save you time and expense. This list includes common occurrences that are not the result of defective workman-ship or materials in this appliance.

Problem	Solution
Air conditioner does not start	Wall plug disconnected. Push plug firmly into wall outlet.
	House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.
	Plug Current Device Tripped. Press the RESET button.
	Control is OFF. Turn Control ON and set to desired setting.
Air from unit does not feel cold enough	Room temperature below 17 °C(62 °F). Cooling may not occur until room temperature rises above 17 °C(62 °F).
	Temperature sensing element touching cold coil, located behind air filter. Straighten tube away from coil.
	Reset to a Lower temperature.
	Compressor shut-off by changing modes. Wait approximately 3 minutes and listen for compressor to restart when set in the COOL mode.
Air conditioner cooling, but room is too warm- ice forming on cooling coil behind decorative front.	Outdoor temperature below 18 °C(64 °F). To defrost the coil, set FAN ONLY mode.
	Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set to FAN ONLY mode.
	Thermostat set too cold for night-time cooling. To defrost the coil, set to FAN ONLY mode. Then, set temperature to a Higher setting.
Air conditioner cooling, but room is too warm- NO ice forming on cooling coil behind decorative front.	Dirty air filter- air restricted. Clean air filter. Refer to Care and Cleaning section.
	Temperature is set too High, set temperature to a Lower setting.
	Air directional louvers positioned improperly. Position louvers for better air distribution.
	Front of units is blocked by drapes, blinds, furniture, etc. - restricts air distribution. Clear blockage in front of unit.
	Doors, windows, registers, etc. Open- cold air escapes. Close doors, windows, registers.
	Unit recently turned on in hot room. Allow additional time to remove "Stored heat "from walls, ceiling, floor and furniture.
Air conditioner turns on and off rapidly	Dirty air filter- air restricted. Clean air filter.
	Outside temperature extremely hot. Set FAN speed to a Higher setting to bring air past cooling coils more frequently.
Noise when unit is cooling	Air movement sound. This is normal . If too loud, set to a slower FAN setting.
	Window vibration - poor installation. Refer to installation instructions or check with installer.
Water dripping INSIDE when unit is cooling.	Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.

Troubleshooting Tips

Problem	Solution
Water dripping OUTSIDE when unit is cooling.	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.
Remote Sensing Deactivating Prematurely (some models)	Remote control not located within range. Place remote control within 20 feet & 180°, radius of the front of the unit. Remote control signal obstructed. Remove obstruction.
Room too cold	Set temperature too low. Increase set temperature.



A Tradition of leadership and excellence for over 50 years



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