

# User's Manual

## Window Type Manual Model

Before using your product, please read this manual carefully and keep it for future reference.



The design and specifications are subject to change  
without prior notice for product improvement.  
Consult with your dealer or manufacturer for details.

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CONCEPCION MIDEA INC.



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## 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.

### CAUTION


- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision and instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play the appliance. Cleaning and maintenance shall not be made by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid 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.
- The appliance with electric heater shall have at least 1 meter space to the combustible materials. Contact the authorized service technician for repair or maintenance of this unit.

## 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 of instruction will cause harm or 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 injury or 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.

- It could lead to health problems.





**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 put a pet or house plant where it will be exposed to direct air flow.

This could injure 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 a fire or deformation or the cabinet.

⊘ Do not put a heater, etc. Where it is 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 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**

- Be sure 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 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 the receptacle is accessible after the unit installation.
- Do not run air conditioner with outside protective cover in place. This could result in mechanical damage within the air conditioner.

NOTE: This air conditioner is designed to be operated under condition as follows:

Cooling operation	Outdoor temp:	18-43°C/64-109°F
	Indoor temp:	17-32°C/62-90°F

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

NOTE: All the illustrations in this manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.

**Points for using 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 3 minutes before restarting. This allows pressure inside the compressor and 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 plus/minus 10% of the specified rating, the unit may not function and the fuse may blow.

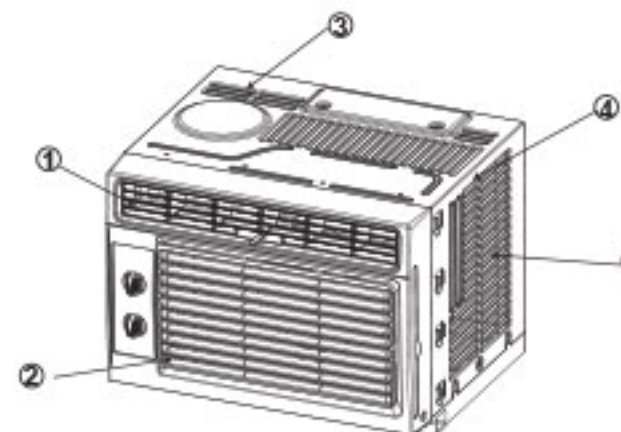
**Noise level**

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 lower numbers.

**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 shady 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"

**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.

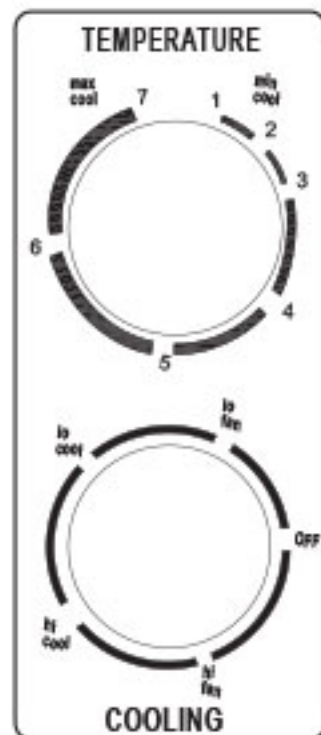
④ **Vibration**  
Unit may vibrate and make noise because of poor wall or window construction or incorrect installation.

⑤ **Pinging or Switching**  
Droplets of water hitting condenser during normal operation may cause "pinging or switching" sounds.



## Operation instructions

The control panel of the unit you bought may be look like one of the following:



## Control Panel

The controls featured in this manual are representative of many available models. Your model may offer slightly different features.

### Cool Mode

The desired cool setting is selected by rotating the knob to the right to the appropriate location.

"HI COOL" has maximum cooling effect and airflow.

"LO COOL" has minimum cooling effect and airflow.

### Fan Mode

Rotate the knob to the left to select your choice of fan speeds for air circulation.

**NOTE:** When selecting a fan speed, the compressor will not run.

### Thermostat

The thermostat is used to set the desired room temperature when the unit is being operated in the COOL MODE.

To set the desired room temperature, rotate the thermostat switch to the desired setting. After the set temperature is achieved the thermostat will automatically start and stop the compressor in order to maintain the desired set temperature.

Rotate the thermostat selector clockwise for higher cool settings. Higher cool settings will provide lower room temperature. Rotate the thermostat selector counter clockwise for lower cool settings. Lower cool settings will provide higher room temperature.

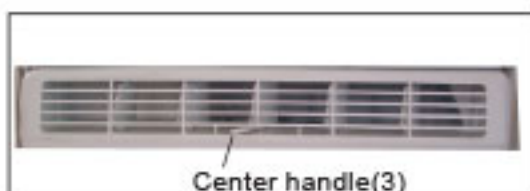


Please always wait 3 minutes when turning unit off then on again, and when changing from cool to fan and back to cool. This prevents compressor from overheating & possible circuit breaker tripping.

## Air 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

## Installation instructions

### Installation instructions

#### Suggested tools

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

#### Select the best location

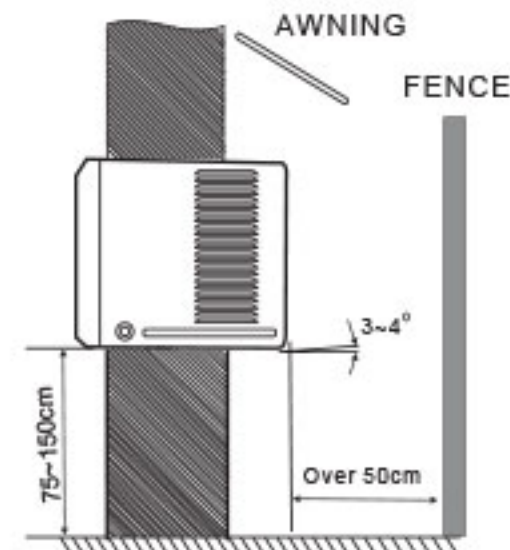
1. To avoid vibration and noise, make sure the unit is installed securely and firmly.
2. Install the unit where the sunlight does not shine directly on the unit. If the unit receives direct sunlight, build an awning to shade the cabinet.
3. There should be no obstacle, such as a fence or wall, within 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 not to leak the condensed water 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.

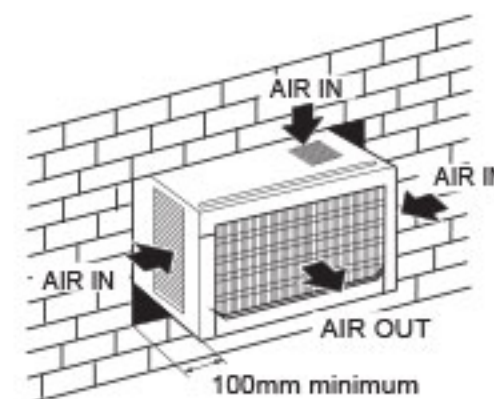
**NOTE:** After installing, make sure the air conditioner is tilted 3~4° to the outside to allow water drainage and perfect cooling efficiency.

### Select the best location

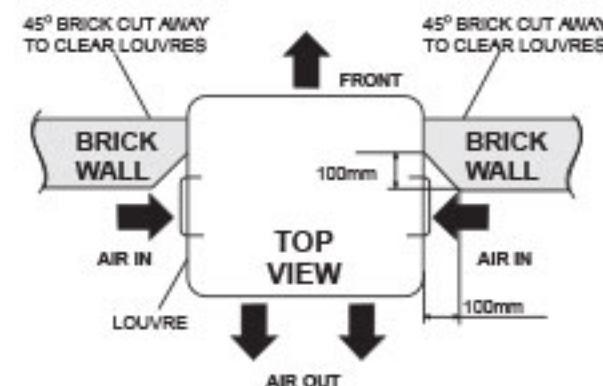


**Note:** Unit may be supported by a solid frame from below or by a hanger from a solid overhead support.

### Installations of the unit into the wall



OPTION A



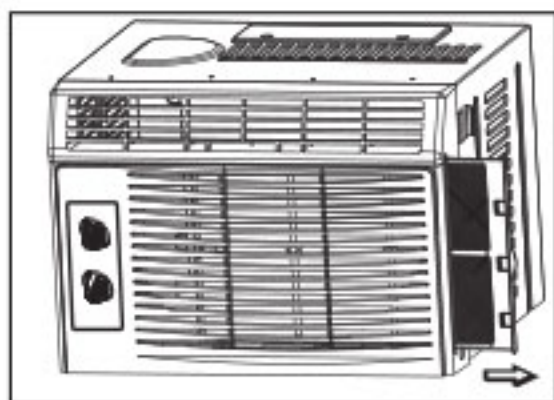
OPTION B

#### Unit dimension

Capacity	Dimension (mm) (W x H x D)	Wiring size (mm <sup>2</sup> )
0.6hp	406x306x390	≥ 3*0.75



## 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.

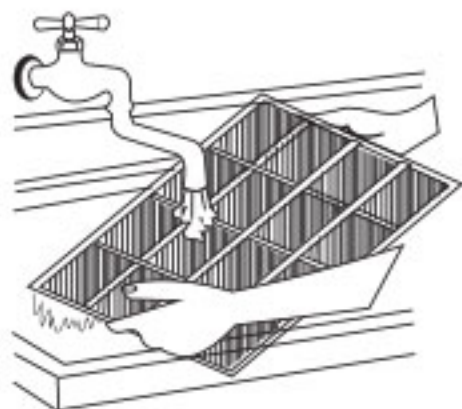
- Remove the filter by sliding out from the right-hand side.
- Wash the filter using liquid dishwashing detergent and warm water. Rinse filter thoroughly.
- Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing.

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.



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.
	Selector Control in OFF position. Turn selector to the desired FAN or COOL setting.
	Unit turned off by moving thermostat to a higher number and then immediately turning back to a colder number. Wait approximately 3 minutes. Listen for compressor to start.
	Unit turned off and then on too quickly. Turn unit off and wait 3 minutes before restarting.
Air from unit does not feel cold enough	Thermostat set too low. Adjust thermostat to higher number for cooling.
	Turn selector to a higher COOL position.
	Thermostat set too warm. Set thermostat to colder temperature.
Air conditioner cooling, but room is too warm- ice forming on cooling coil behind decorative front.	Room temperature below 18°C(64°F). Cooling may not occur until room temperature rises above 18°C(64°F).
	Temperature sensing tube touching cold coil, located behind air filter. Straighten tube away from coil.
	Outdoor temperature below 18°C(64°F). To defrost the coil, set selector to FAN position. Then, set thermostat to warmer position.
Air conditioner cooling, but room is too warm- NO ice forming on cooling coil behind decorative front.	Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set selector to FAN.
	Thermostat set too cold for night-time cooling. To defrost the coil, set selector to a FAN position. Then, set thermostat to a warmer position.
	Dirty air filter- air restricted. Clean air filter. Refer to Care and Cleaning section.
	Thermostat set too warm. Turn thermostat clockwise to a colder setting.
	Air directional louvers positioned improperly. Position louvers for better air distribution.
Air conditioner turns on and off rapidly	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.
	Dirty air filter- air restricted. Clean air filter.
	Outside temperature extremely hot. Set to high cool to bring air past cooling coils more frequently.
Noise when unit is cooling	Air movement sound. This is normal. If too loud, turn selector to lower FAN setting.
	Sound of fan hitting water-moisture removal system. This is normal when humidity is high. Close doors, windows and registers.
	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.
Water dripping OUTSIDE when unit is cooling.	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.