



# Room Air Conditioner (Window Type)

## OWNER'S MANUAL

### WINDOW TYPE ROOM AIR CONDITIONER

- Please read carefully and thoroughly this manual before operating this unit.
- Contact the authorized SVC man for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.

MODELS: LWC051JGAA0, LWC051JGAA1  
(MODELOS)



# Aire Acondicionado (Tipo de Ventana)

## MANUAL DEL USUARIO

Antes de usar su aire acondicionado, lea este manual cuidadosamente y manténgalo para futura referencia.

ENGLISH

ESPAÑOL

# TABLE OF CONTENTS



## 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.

**1. Safety Precautions**

**2. About the Controls on the air conditioner**

**3. Features**

**4. Before you call for service...**



## 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.

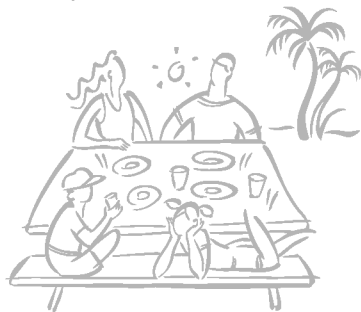
You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of

**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

# 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.

**⚠ 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.

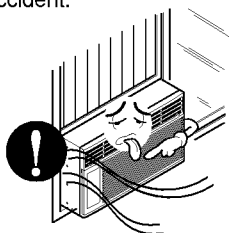
	<b>Be sure not to do.</b>
	<b>Be sure to follow the instruction.</b>

## ⚠ WARNING

### ■ Installation

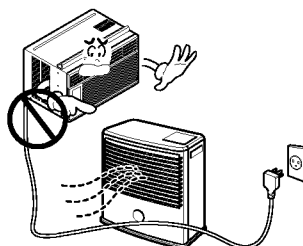
#### Always install the expansion panel(s).

- No installation may cause fire and electric shock accident.



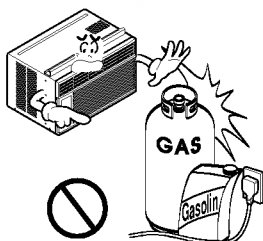
#### Do not place the power cord near a heater.

- It may cause fire and electric shock.



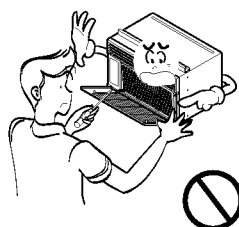
#### Do not use the power cord near flammable gas or combustibles such as gasoline, benzene, thinner, etc.

- It may cause explosion or fire.



#### Do not disassemble or modify products.

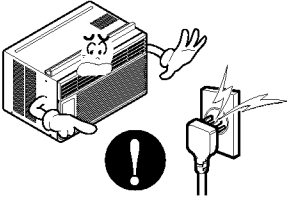
- It may cause failure and electric shock.



## ■ Operation

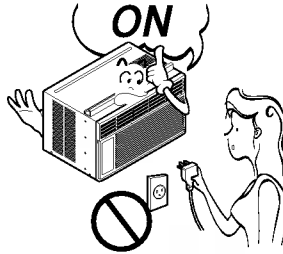
### Plug in the power plug properly.

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



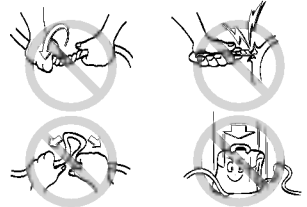
### Do not operate or stop the unit by inserting or pulling out the power plug.

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



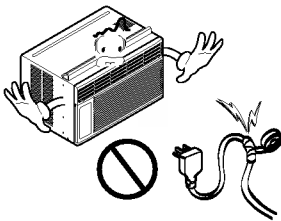
### Do not damage or use an unspecified power cord.

- It will cause electric shock or fire.



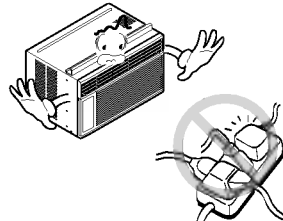
### Do not modify power cord length.

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



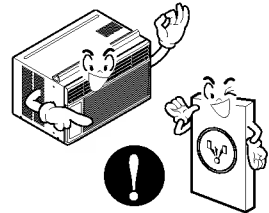
### Do not share the outlet with other appliances.

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



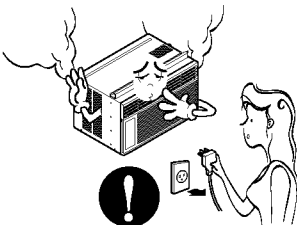
### Always plug into a grounded outlet.

- No grounding may cause electric shock (See Installation Manual).



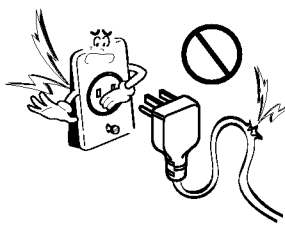
### Unplug the unit if strange sounds, odors, or smoke come from it.

- Otherwise it may cause fire and electric shock accident.



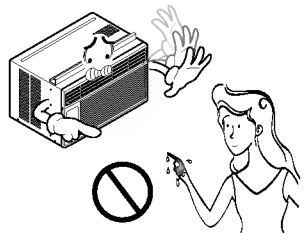
### Do not use the socket if it is loose or damaged.

- It may cause fire and electric shock.



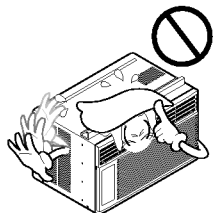
### Do not operate with wet hands or in damp environment.

- It will cause electric shock.



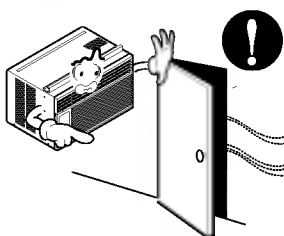
**Do not allow water to run into electric parts.**

- It will cause failure of machine or electric shock.



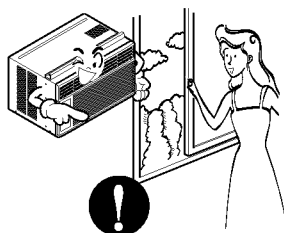
**Leave the door closed while the air conditioner is running.**

- It is not designed to cool the entire house.



**Ventilate before operating air conditioner when gas goes out.**

- It may cause explosion, fire, and burn.

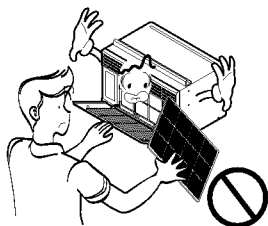


## CAUTION

### Installation

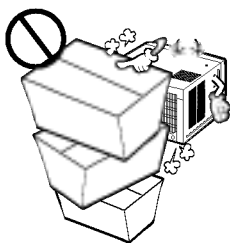
**Never touch the metal parts of the unit when removing the filter.**

- They are sharp and may cause injury.



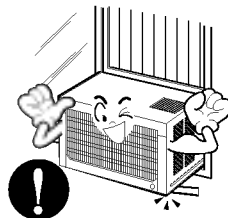
**Do not block the inlet or outlet.**

- It may cause failure of appliance or accident.



**Ensure that the outer case is not damaged by age or wear.**

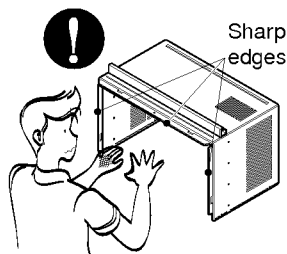
- If leaving appliance damaged, there is concern of damage due to the falling of product.



### Operation

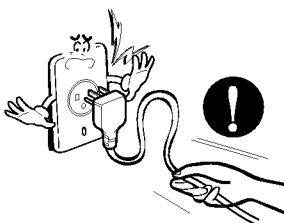
**Be cautious not to touch the sharp edges when installing.**

- It may cause injury.



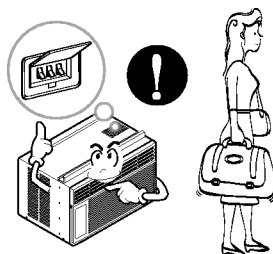
**Hold the plug by the head when taking it out.**

- It may cause electric shock and damage.



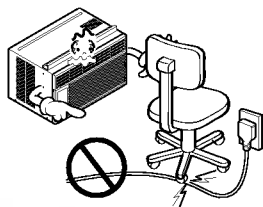
**Turn off the main power switch when not using it for a long time.**

- Prevent accidental startup and the possibility of injury.

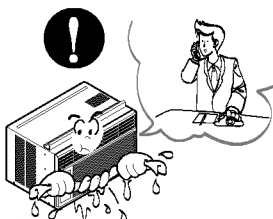


**Do not place heavy object on the power cord and take care so that the cord should not be pressed.**

- There is danger of fire or electric shock.

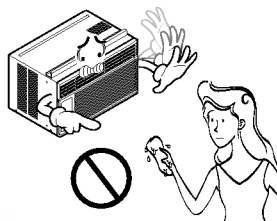


**If water enters the product, turn off the the power switch of the main body of appliance. Contact service center after taking the power-plug out from the socket.**



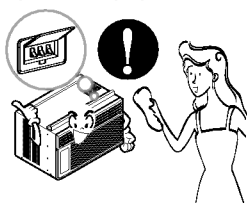
**Do not clean the air conditioner with water.**

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



**Turn off the power and breaker firstly when cleansing the unit.**

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



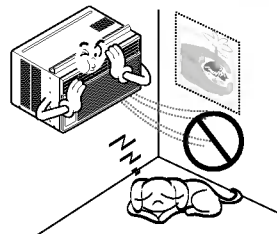
**Do not put a pet or house plant where it will be exposed to direct air flow.**

- This could injure the pet or plant.



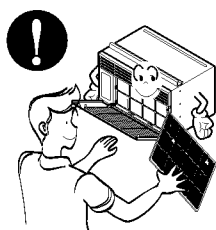
**Do not use this appliance for special purposes such as pets, foods, precision machinery, or objects of art.**

- It is an air conditioner, not a precision refrigeration system.



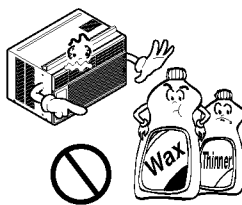
**Always insert the filter securely. Clean it every two weeks.**

- Operation without filters will cause failure.



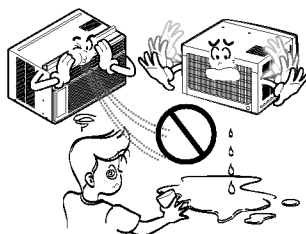
**Use a soft cloth to clean. Do not use wax, thinner, or a strong detergent.**

- The appearance of the air conditioner may deteriorate, change color, or develop surface flaws.



**Do not drink water drained from air conditioner. / Do not direct airflow at room occupants only.**

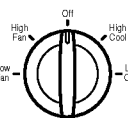

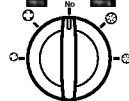
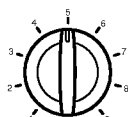
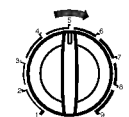
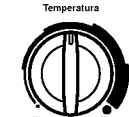
- It contains containments and will make you sick. / This could damage your health.



## About the Controls on the air conditioner

The controls will look like one of the following.

### Controls

<p><b>Operation</b></p> 	<p><b>Operation</b></p> 	<p><b>Función</b></p> 	<p>Off ( 0 ) - Turns air conditioner off.              High Fan ( ⊕ ) - High speed fan operation without cooling.              Low Fan ( ⊗ ) - Low speed fan operation without cooling.              High Cool ( ⊛ ) - Cooling with high speed fan operation.              Low Cool ( * ) - Cooling with low speed fan operation.</p>
<p><b>Thermostat</b></p> 	<p><b>Thermostat</b></p> 	<p><b>Temperatura</b></p> 	<p>This automatically controls the temperature of the indoor air.              Turn the knob so that arrow points to the larger marks for greater cooling. Point the arrow to the smaller marks for more moderate cooling.              (i.e. the higher number the greater cooling)</p>

### • FOR NORMAL COOLING

1. Turn the Operation switch to the high Cool ( ⊛ ) or the Low Cool ( \* ) setting.
2. Set the Thermostat control to the desired temperature mark 5 (the mid-point is a good starting position). If the room temperature is not satisfactory after a reasonable time, adjust the control to a cooler or warmer setting, as appropriate.

### • FOR MAXIMUM COOLING

1. Turn the Operation switch to the High Cool ( ⊛ ) setting.
2. Set the Thermostat control to the largest 9 temperature mark.

### • FOR QUIETER OPERATION

1. Turn the Operation switch to the Low Cool ( \* ) setting.
2. Set the Thermostat control as needed.

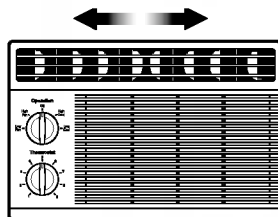


**CAUTION:** When the air conditioner has been performed its cooling operation and is turned off or set to the fan position, wait at least 3 minutes before resetting to the cooling operation again.

## Air Direction

### • ADJUSTING THE AIR DIRECTION USING THE HORIZONTAL AIR-DEFLECTOR CONTROL

Using the control tabs, the air flow can be directed to the left, right, straight ahead, or any combination of these directions.



## Care and Maintenance

TURN THE AIR CONDITIONER OFF AND REMOVE THE PLUG FROM THE POWER OUTLET.

### • TO CLEAN FILTER

The air filter will become dirty as it removes dust from the inside air.

It should be washed at least every 2 weeks.

If the air filter remains full of dust, the air flow will decrease and the cooling capacity will be reduced, possibly damaging the unit.

1. Pull the inlet grille forward and pull out the air filter. (Fig. 1)
2. Wash the air filter in warm 104°F (40°C) water. Be sure to shake off all the water before replacing the filter.

Do not force open or open too far (about 56°)

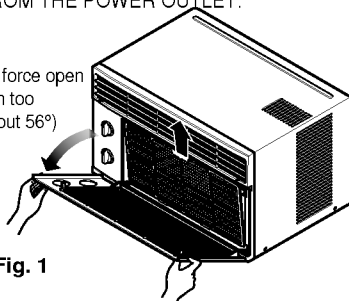


Fig. 1

### • CLEANING THE AIR CONDITIONER

The front grille and Inlet grille may be wiped with a cloth dampened in a mild detergent solution. (Fig. 2)

The cabinet may be washed with mild soap or detergent and lukewarm water, then polished with Liquid Wax for Appliances.

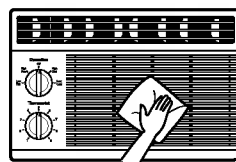


Fig. 2

To ensure continued peak efficiency, the condenser coils(outside of unit) should be checked periodically and cleaned if clogged with soot or dirt from the atmosphere.

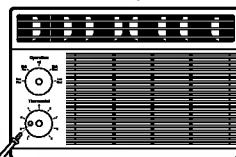


Fig. 3

### • HOW TO REMOVE THE FRONT GRILLE

1. Remove the thermostat knob and the operation knob by pulling.
2. Remove the screw securing the Front Grille. (Fig. 3)
3. Push the grille up from the bottom and pull the top of the grille away from the case as the top tabs lift out of their slots. (Fig. 4)

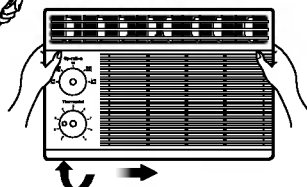


Fig. 4

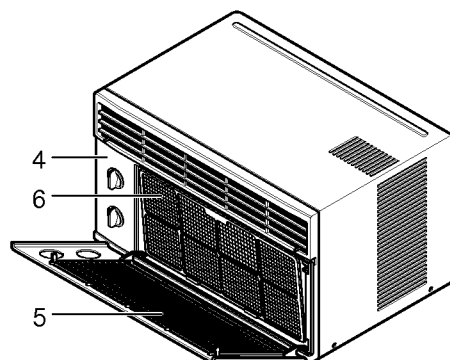
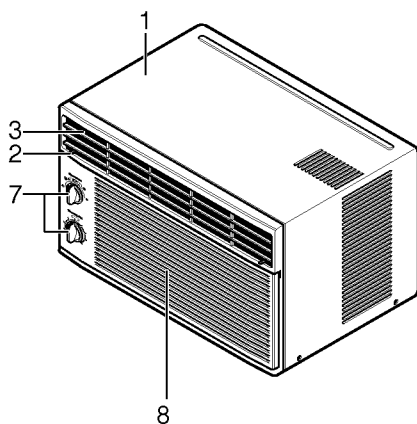


## Features

Learning parts name prior to installation will help you understand the installation procedure.

### Features

ENGLISH

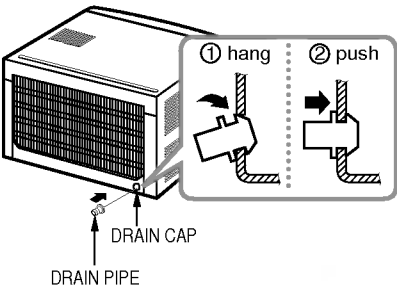


- 1. CABINET
- 2. HORIZONTAL AIR DEFLECTOR
- 3. COOL AIR DISCHARGE
- 4. FRONT GRILLE

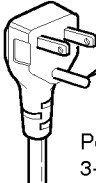

- 5. INLET GRILLE
- 6. AIR FILTER
- 7. KNOBS
- 8. AIR INTAKE

**How to Secure the Drain pipe**

In humid weather, excess water may cause the BASE PAN to overflow. To drain the water, remove the DRAIN CAP and secure the DRAIN PIPE to the rear hole of the BASE PAN.



**Electrical Data**

Line Cord Plug	Use Wall Receptacle	Power Supply
<div><div>Do not under any circumstances cut or remove the grounding prong from the plug.</div><p>Power supply cord with 3-prong grounding plug</p></div>	<div><p>Standard 125V, 3-wire grounding receptacle rated 15A, 125V AC</p></div>	<p>Use 15 AMP, time delay fuse or circuit breaker.</p>

## Before you call for service...

### Troubleshooting Tips

Save time and money! Review the chart below first and you may not need to call for service.

### Normal Operation

- You may hear a pinging noise caused by water being picked up and thrown against 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 high humidity or on rainy days. The water may overflow and drip from the outdoor side of the unit.
- The fan may run even when the compressor does not.

### Abnormal Operation

Problem	Possible Causes	What To Do
<b>Air conditioner does not start</b>	■ The air conditioner is unplugged.	• Make sure the air conditioner plug is pushed completely into the outlet.
	■ The fuse is blown/circuit breaker is tripped.	• Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.
	■ Power failure.	• If power failure occurs, push power button to <b>OFF</b> . When power is restored, wait 3 minutes to restart the air conditioner to prevent tripping of the compressor overload.
<b>Air conditioner does not cool as it should</b>	■ Airflow is restricted.	• Make sure there are no curtains, blinds, or furniture blocking the front of the air conditioner.
	■ The thermostat may not be set high enough.	• Turn the knob to a higher setting. The highest setting provides maximum cooling.
	■ The air filter is dirty.	• Clean the filter at least every 2 weeks. See the operating instructions section.
	■ The room may have been hot.	• When the air conditioner is first turned on you need to allow time for the room to cool down.
	■ Cold air is escaping.	• Check for open furnace floor registers and cold air returns.
	■ Cooling coils have iced up.	• See Air Conditioner Freezing Up below.
<b>Air conditioner freezing up</b>	■ Ice blocks the air flow and stops the air conditioner from cooling the room.	• Set the mode control at High fan or High Cool with the thermostat at 1 or 2.