As an ENERGY STAR® Partner,
LG Electronics Inc. has Determined
that this product meets the ENERGY STAR®
guidelines for energy efficiency.

ROOM AIR CONDITIONER
OWNER'S MANUAL

Please read the operating instructions and safety precautions carefully
and thoroughly before installing and operating your room air conditioner.

MANUEL D'UTILISATION
CLIMATISEUR DE FENÊTRE

Veuillez lire attentivement et en entier ce guide d'utilisation et les
mesures de sécurité ci-incluses avant de procéder à l'installation et au
fonctionnement de votre climatiseur.

CIONADOR DE AIRE DE VENTANA
EL PROPIETARIO

peración y las precauciones de
es de instalar y operar su

LW5200ER

FOR YOUR RECORDS

Write down 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 here for proof of pur chase.**

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

• Contact the authorized Service technician for repair or maintenance of this unit. Call 1-800-243-0000 to locate the nearest ASC.

• The air conditioner 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 air conditioner.
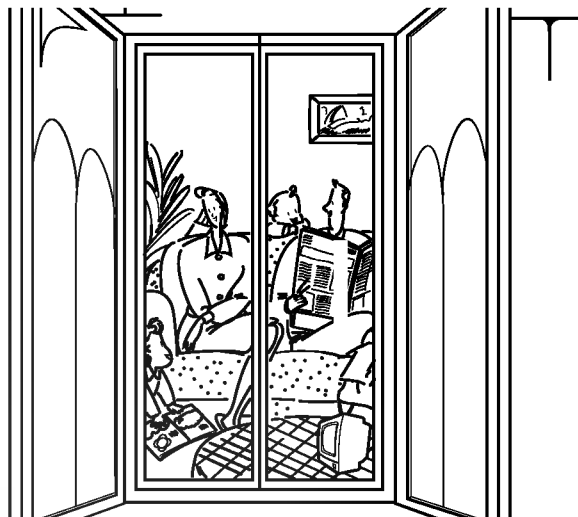
Safety Precautions

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

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

■ Because of the weight of the product, it is recommended that you have a helper to assist in the installation.

■ *Use Caution! Sharp Edges! See Warning, page 4.*

⚠ 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.

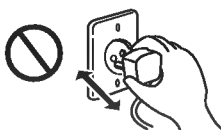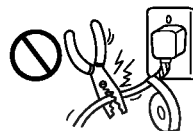| 🚫	**Be sure not to do this.**
❗	**Be sure to follow the instructions.**

⚠ WARNING

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

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

• It will cause electric shock or fire.
• If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
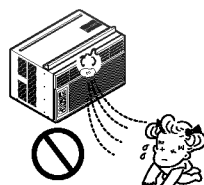
• It will cause electric shock or fire due to heat generation.
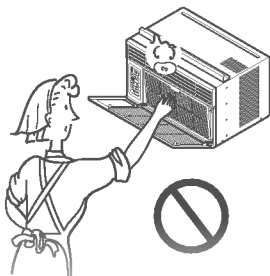
• It will cause electric shock.

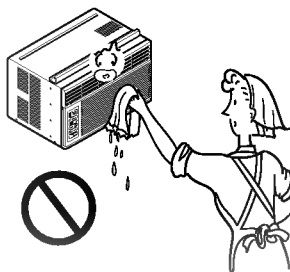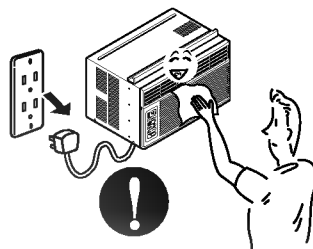• This could lead to health problems.
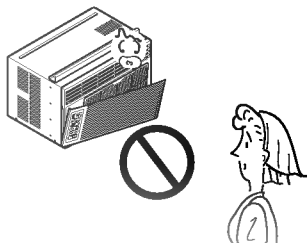
• They are sharp and may cause an injury.

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

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

• It could cause dust to accumulate on the heat exchanger.

• This could injure the pets or plants.
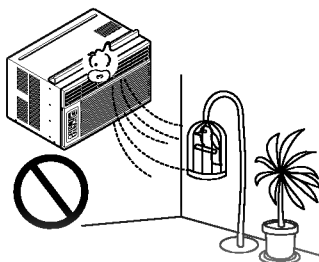
• Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.
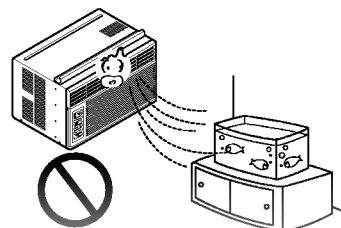
• It may cause an electric shock.
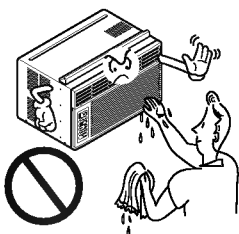
• It may cause a fire or deformation of the cabinet.
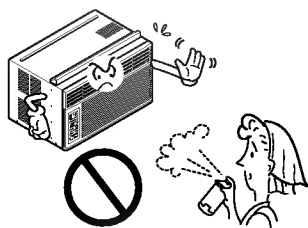
• Use caution when handling the case. Grip it firmly and do not allow it to slip while holding it.

• Use heavy gloves to handle the case if necessary.

• DO NOT allow the case to slide against your skin!

Sharp edges

About the Controls on the air conditioner

The controls will look like the following.

Controls

TEMPERATURE SETTING
• This button can automatically control the temperature of the room. The temperature can be set within a range of 60°F to 86°F by 1°F.
Select the lower number for lower temperature of the room.

ENERGY SAVER
The fan stops when the compressor stops cooling.
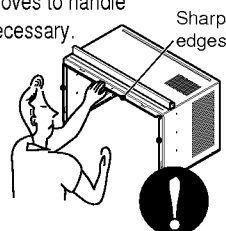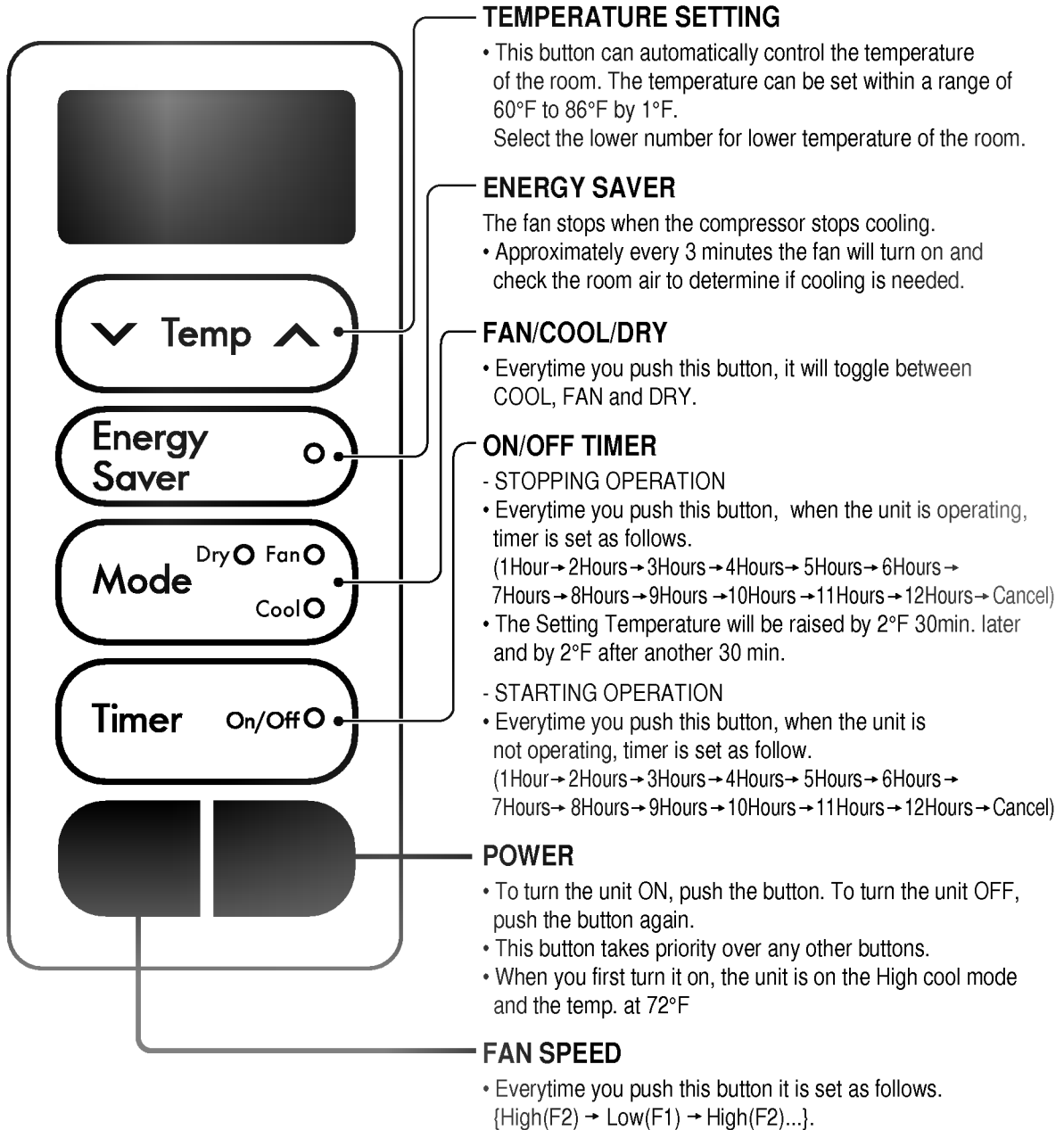• Approximately every 3 minutes the fan will turn on and check the room air to determine if cooling is needed.

FAN/COOL/DRY
• Everytime you push this button, it will toggle between COOL, FAN and DRY.

ON/OFF TIMER
- STOPPING OPERATION
• Everytime you push this button, when the unit is operating, timer is set as follows.
(1Hour→2Hours→3Hours→4Hours→5Hours→6Hours→ 7Hours→8Hours→9Hours→10Hours→11Hours→12Hours→Cancel)
• The Setting Temperature will be raised by 2°F 30min. later and by 2°F after another 30 min.

- STARTING OPERATION
• Everytime you push this button, when the unit is not operating, timer is set as follow.
(1Hour→2Hours→3Hours→4Hours→5Hours→6Hours→ 7Hours→8Hours→9Hours→10Hours→11Hours→12Hours→Cancel)

POWER
• To turn the unit ON, push the button. To turn the unit OFF, push the button again.
• This button takes priority over any other buttons.
• When you first turn it on, the unit is on the High cool mode and the temp. at 72°F

FAN SPEED
• Everytime you push this button it is set as follows.
{High(F2) → Low(F1) → High(F2)...}.

Temp

Energy Saver

Mode   Dry○ Fan○   Cool○

Timer   On/Off○

Remote controller

Precaution: The Remote Controller will not function properly if strong light strikes the sensor window of the air conditioner or if there are obstacles between the Remote Controller and the air conditioner.

POWER
- To turn the Set ON, push the button. To turn the Set OFF, push the button again.
- This button takes priority over any other buttons.
- When you first turn it on, the Set is on the High cool mode and the temp. at 72°F

TEMPERATURE SETTING
- This button can automatically control the temperature of the room. The temperature can be set within a range of 60°F to 86°F by 1°F. Select the lower number for lower temperature of the room.

FAN SPEED
- Everytime you push this button it is set as follows. (High(F2) → Low(F1) → High(F2)...)

ON/OFF TIMER
- STOPPING OPERATION
- Everytime you push this button, when the set is operating, timer is set as follows.
  (1Hour → 2Hours → 3Hours → 4Hours → 5Hours → 6Hours → 7Hours → 8Hours → 9Hours → 10Hours → 11Hours → 12Hours → Cancel)
- The Setting Temperature will be raised by 2°F 30min. later and by 2°F after another 30 min.

- STARTING OPERATION
- Everytime you push this button, when the set is not operating, timer is set as follow.
  (1Hour → 2Hours → 3Hours → 4Hours → 5Hours → 6Hours → 7Hours → 8Hours → 9Hours → 10Hours → 11Hours → 12Hours → Cancel)
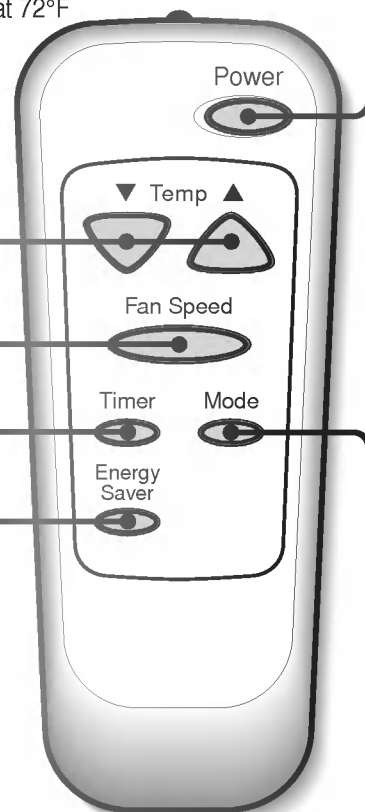
ENERGY SAVER
The fan stops when the compressor stops cooling.
- Approximately every 3 minutes the fan will turn on and check the room air to determine if cooling is needed.

COOL/FAN/DRY
- Everytime you push this button, it will toggle between COOL, FAN and DRY.

Power

▼ Temp ▲

Fan Speed

Timer   Mode

Energy
Saver

How to Insert Batteries

1. Remove the cover from the back of the remote controller

2. Insert two batteries.
- Be sure that the (+) and (-) directions are correct.
- Be sure that both batteries are new.

3. Re-attach the cover.

- Do not use rechargeable batteries. Such batteries differ from standard dry cells in shape, dimensions, and performance.
- Remove the batteries from the remote controller if the air conditioner is not going to be used for an extended length of time.
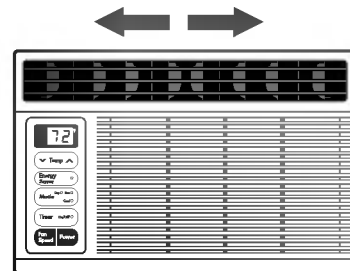
Additional controls and important information.

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
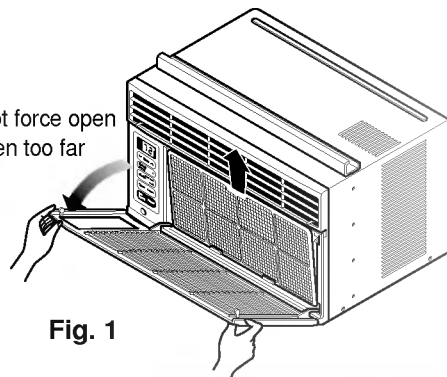   replacing the filter.

Do not force open
or open too far

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.

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. 2

• **HOW TO REMOVE THE FRONT GRILLE**

1. Pull the inlet grille forward.
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 to lift the top tabs out of their
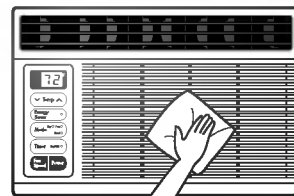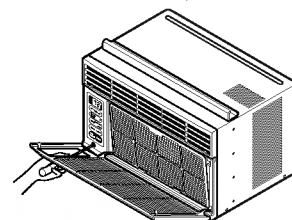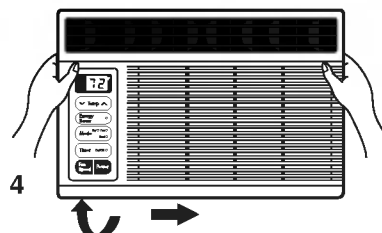   slots. (Fig. 4)

Fig. 3
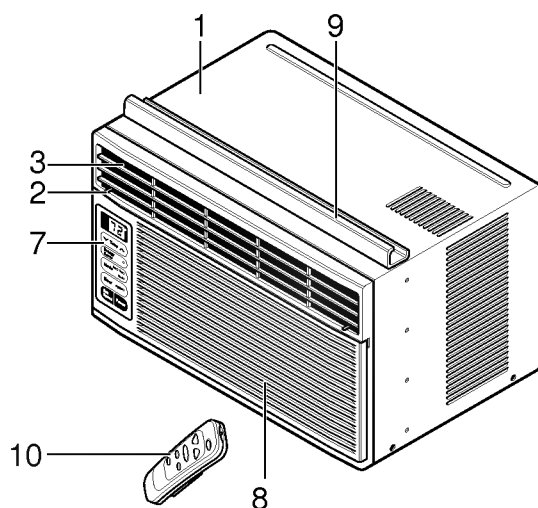
Fig. 4

Features and Installation

Learning the key components will help you properly install the unit.

Features

1. CABINET	6. AIR FILTER
2. HORIZONTAL AIR DEFLECTOR	7. CONTROL BOARD
3. COOL AIR DISCHARGE	8. AIR INTAKE
4. FRONT GRILLE	9. UPPER GUIDE
5. INLET GRILLE	10. REMOTE CONTROLLER
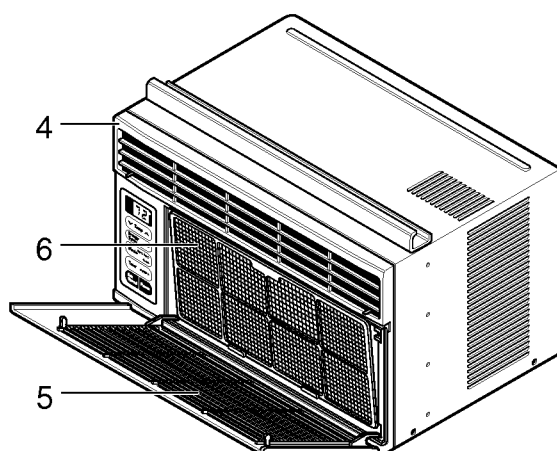
Window Requirements

NOTE: All supporting parts should be secured to firm wood, masonry, or metal.

1. This unit is designed for installation in standard double hung windows with actual opening widths of 22" to 36". The upper and lower sash must open sufficiently to allow a clear vertical opening of 13" from the bottom of the sash to the window stool.

2. If storm window presents interference, fasten a 2" wide wood strip (OUTER SILL) to the inner window sill across the full width of the sill. The wood strip should be thick enough to raise the height of the window sill so that the unit can be installed without interference by the storm window frame. See Fig. 5-2. Top of wood strip should be approximately 3/4" higher than the storm window frame (STORM WINDOW FRAME) or wood strip (OUTDOORS) to help condensation to drain properly to the outside.

3. Install a second wood strip (approximately 6" long by 1½" wide and same thickness as first strip) in the center of the outer sill flush against the back off the inner sill. This will raise the **L** bracket as shown Fig. 5-2.

4. If the distance between STORM WINDOW FRAME and WOOD STRIP MOUNTED ON TOP OF INNER SILL is more than 1", two of wood strip are not necessary.
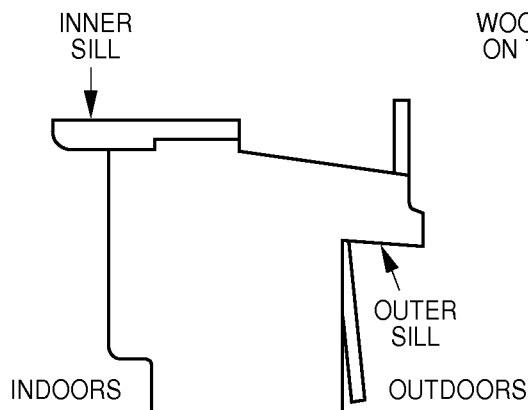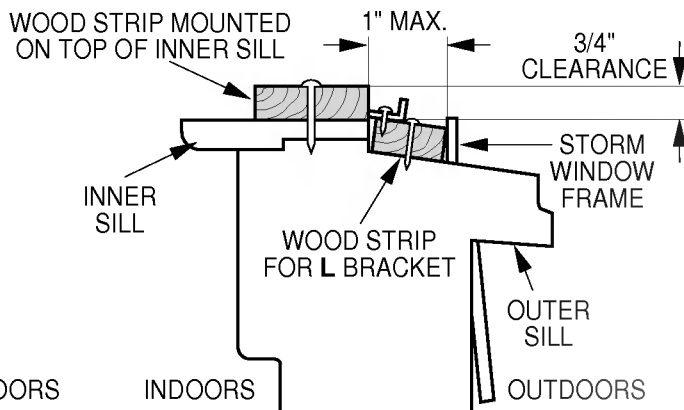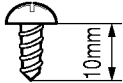
Fig. 5-1
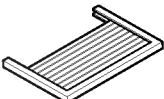
Fig. 5-2

Installation

HARDWARE		
TYPE A: 11EA (SHORT SCREW)	TYPE B: 5EA (WOOD SCREW)	TYPE C: 3EA (L BRACKET)
10mm	16mm	
TYPE D: 1EA (SEAL STRIP)	TYPE E: 1EA (SASH SEAL)	TYPE F: 2EA (GUIDE PANEL)	TYPE G: 1EA (SUPPORT BRACKET)
(Adhesive backed)	(Not adhesive backed)		

A. BEFORE INSTALLATION

1. Insert the guide panels into the guides of the air conditioner. Fasten the curtains to the unit with screws (TYPE A) as shown Fig. 6.
2. Cut the adhesive-backed seal strip (TYPE D) to the window width.
   Remove the backing from the seal strip and attach the seal strip to the underside of the bottom window. (Fig. 7)
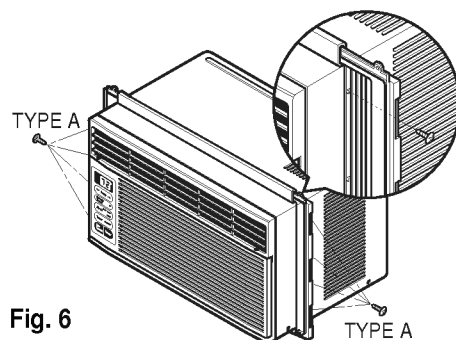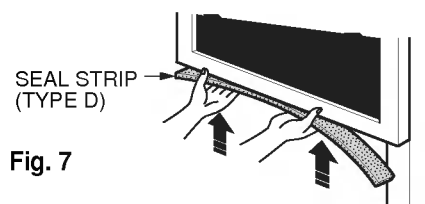
B. NOW START INSTALLATION

1. LOCATING UNIT IN WINDOW

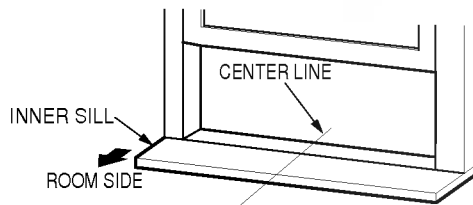Open the window and mark center line on the center of the inner sill, as shown in Fig. 8.

2. ATTACH L BRACKET

a. Install the **L** brackets behind the inner window sill, with the short side of bracket as shown. Use the 2 screws (TYPE A) provided.
b. The bracket helps to hold unit securely in place. Be sure to place bracket edge flush against back of inner sill. See Fig. 9.

3. INSTALL THE AIR CONDITIONER IN THE WINDOW

a. Carefully lift the air conditioner and slide it into the open window. Make sure the bottom guide of the air conditioner drops into the notches of the **L** bracket. See Fig. 9.
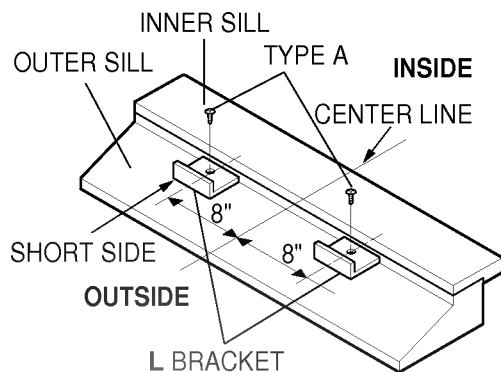
During the following step, hold unit firmly until window sash is lowered to top channel behind side panel frames. Personal injury or property damage may result if unit falls from window.

IMPORTANT :

When the air conditioner drops into the **L** bracket, the air conditioner will be centered in window opening as shown in Fig. 10.

TYPE A

Fig. 6 TYPE A

SEAL STRIP
(TYPE D)

Fig. 7

CENTER LINE

INNER SILL

ROOM SIDE

Fig. 8

INNER SILL

OUTER SILL TYPE A **INSIDE**

CENTER LINE

8"

SHORT SIDE 8"

OUTSIDE

L BRACKET

Fig. 9

CENTER LINE

Fig. 10

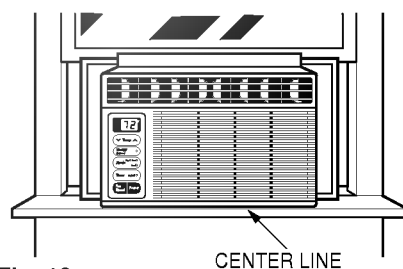b. While steadying the air conditioner, carefully bring the window sash down behind the upper guide of the air conditioner, as shown in Fig. 11.

4. SECURE THE GUIDE PANELS

Extend the guide panels (TYPE F) to fill the window opening using 4 screws (TYPE B) to secure them, as shown in Fig. 12.

5. INSTALL THE SASH SEAL AND SASH LOCK

a. Cut the sash seal (TYPE E) to the window width. Stuff the sash seal between the glass and the window to prevent air and insects from getting into the room, as shown in Fig. 12.

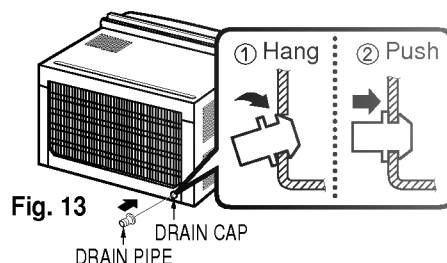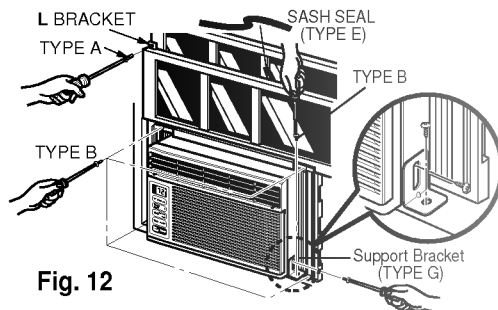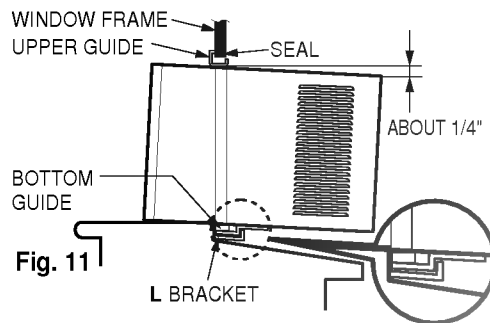b. Fasten the **L** bracket using a (TYPE A) screw, as shown in Fig. 12.

6. Window installation of room air conditioner is now completed. See ELECTRICAL DATA for attaching power cord to electrical outlet.

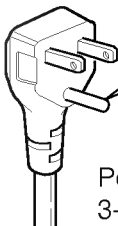## C. HOW TO SECURE THE DRAIN PIPE

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. (Fig. 13)

REMOVAL FROM WINDOW

Turn the air conditioner off, disconnect the power cord, remove the **L** bracket and the screws installed through the top and bottom of the guide panels, and save for reinstallation later. Close the guide panels. Keeping a firm grip on the air conditioner, raise the sash, and carefully tilt the air conditioner backward, draining any condensate. Lift the air conditioner from the window and remove the sash seal from between the windows.

Electrical Data

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

USE OF EXTENSION CORDS

Because of potential safety hazards, we strongly discourage the use of an extension cord. However, if you wish to use an extension cord, use a CSA certified/UL-listed 3-wire (grounding) extension cord, rated 15A, 125V.

Fig. 11

WINDOW FRAME
UPPER GUIDE — SEAL
ABOUT 1/4"
BOTTOM GUIDE
L BRACKET

Fig. 12

L BRACKET   SASH SEAL (TYPE E)
TYPE A
TYPE B
TYPE B
Support Bracket (TYPE G)

Fig. 13

① Hang   ② Push
DRAIN CAP
DRAIN PIPE

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.
- 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

Air conditioner does not start	■ *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.*	• When power is restored, wait 3 minutes to restart the air conditioner to prevent tripping of the compressor overload.
Air conditioner does not cool as it should	■ *Airflow is restricted.*	• Make sure there are no curtains, blinds or furniture blocking the front of the air conditioner.
	■ *TEMP Control set too higher number.*	• Set TEMP Control to a lower number.
	■ *The air filter is dirty.*	• Clean the filter at least every 2 weeks. See the Care and Maintenance 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.
Air conditioner freezing up	■ *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 thermostat at **1** or **2**.

❊ You can refer to the Energy Star program in detail at "www.energystar.gov".

Memo