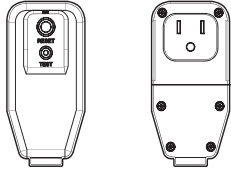## Electrical Data

Power cord may include a current interrupter device. **TEST** and **RESET** buttons are provided on the plug case. The device should be tested on a periodic basis by frist pressing the **TEST** button and then the **RESET** button. If the **TEST** button does not trip or if the **RESET** button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.

for 120 V

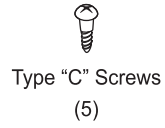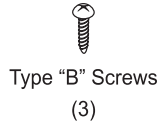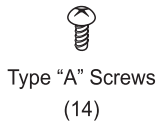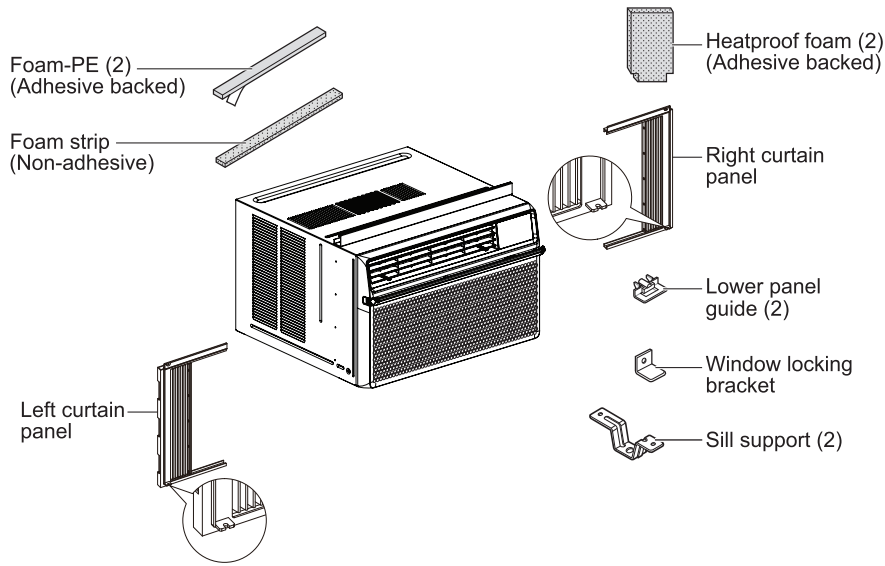| Use Wall Receptacle	Power Supply
 Standard 120 V, 3-wire grounding receptacle rated 15 A / 120 VAC / 60 Hz	Use 15 A, time delay fuse or 15 A, circuit breaker.

⚠ WARNING

- This appliance should be installed in accordance with the National Electrical Code.
- Use of extension cords could cause serious injury or death.
  – Do not use an extension cord with this window air conditioner.
  – Do not use surge protectors or multi-outlet adapters with this window air conditioner.
- Never push the **TEST** button during operation. Doing so can damage the plug.
  – Do not remove, modify, or immerse this plug. If this device trips, the cause should be corrected before further use.
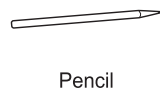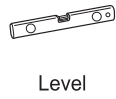
⚠ CAUTION

- The conductors inside this cord are surrounded by shields, which monitor leakage current. These shields are not grounded. Periodically examine the cord for any damage. Do not use this product in the event the shields become exposed. Avoid shock hazard. This unit cannot be user-serviced. Do not open the tamperresistant sealed portion. All warranties and performance will be voided. This unit is not intended to be used as an ON/OFF switch.

Parts Included (Appearance May Vary)

Foam-PE (2)
(Adhesive backed)

Foam strip
(Non-adhesive)

Heatproof foam (2)
(Adhesive backed)

Right curtain
panel

Lower panel
guide (2)

Window locking
bracket

Left curtain
panel

Sill support (2)

Type "A" Screws
(14)

Type "B" Screws
(3)

Type "C" Screws
(5)

Bolts
(2)

Lock Nuts
(2)

Tools Needed

Phillips-head screwdriver

Adjustable wrench

Level

Gloves

Tape measure

Scissors or Cutting knife

Pencil
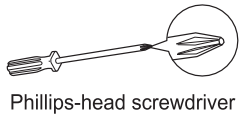
How to Install the Unit

1 To prevent vibration and noise, make sure the unit is installed securely and firmly.

2 Install the unit out of direct sunlight.

3 There should be no obstacles, such as a fence or wall, within 20" from the back of the cabinet because it will prevent heat radiation of the condenser. Restriction of outside air will greatly reduce the cooling efficiency of the air conditioner.
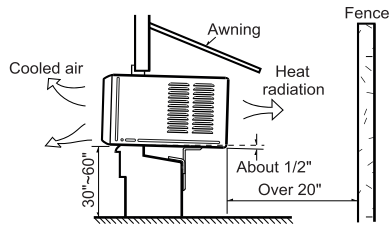

⚠ CAUTION

• DO NOT cover or block any of the side and top louvers. All side louvers of the cabinet must remain exposed to the outside of the structure and unobstructed.

4 Install the unit slightly tilted so the back is slightly lower than the front (about 1/2"). This will force condensed water to flow to the outside.

5 Install the unit with the bottom between 30"~ 60" above the floor level.

Window Requirements

• This unit is designed for installation in standard double hung windows with actual opening widths from 27" to 39".

The top and bottom window sashes must open sufficiently to allow a clear vertical opening of 16" from the bottom of the upper sash to the inside sill.
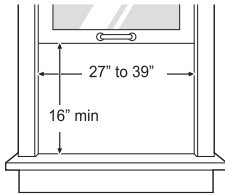

NOTE

• All supporting parts should be secured to firm wood, masonry, vinyl, fiberglass, or metal.

• This product is a window air conditioner. As such, a standard single-hung or double-hung window is required for proper installation. Non-window installations, including using sleeves or wall openings, and other installation methods are not recommended.

Storm Window Requirements

1 Windows that include a storm window frame may prevent the air conditioner from tilting down toward the outside to drain properly. For proper drainage, attach a 2" x 2" piece of wood to the inner sill, trimmed to a length which fits inside the window frame. The top of the wood shim must be at least 1 1/4" higher than the top of the storm window frame. Attach the wood securely to the sill with nails or screws.

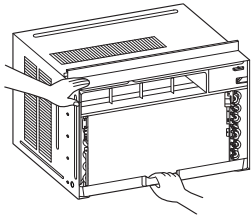**2** If necessary, attach another 2" x 2" wood strip flush against the back of the inner sill.
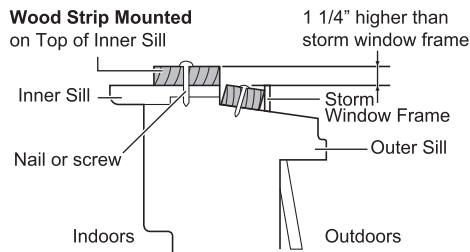
Preparation of the Cabinet

1 Remove 4 screws which fasten the cabinet at both sides and at the back. (Keep the screws for later use.)

Shipping Screws
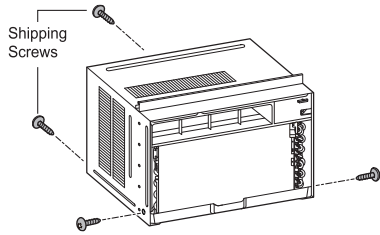
2 Slide the unit from the cabinet by gripping the base pan handle and pulling forward while bracing the cabinet.
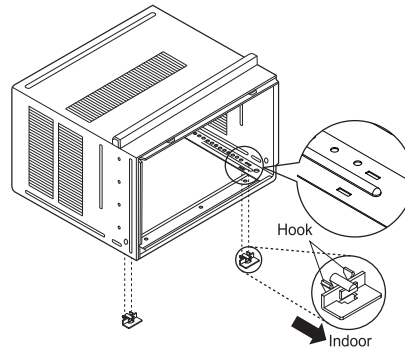
⚠ CAUTION

• The unit is heavy. To prevent injury, use proper lifting techniques when pulling unit forward from cabinet. Obtain assistance from another person if possible.

3 Cut the window sash seals (Foam-PE) to the proper length. Peel off the backing and attach the adhesive-backed foam to the underside of the window sash and the bottom of the window frame.

Foam-PE
(Adhesive backed)
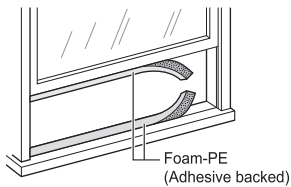
4 Insert the hooks on the lower panel guides into the slots on the bottom of the cabinet. Make sure that the flanges on the lower panel guides will face toward the inside of the room.

Hook

Indoor

5 Insert the top and bottom rails of the curtain panels into the upper and lower panel guides.

Upper Panel Guide

Left Curtain Panel

Right Curtain Panel
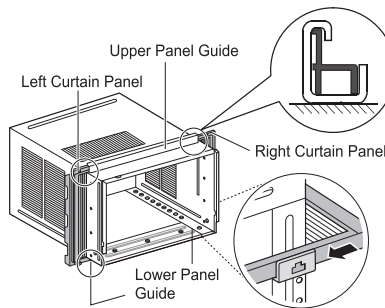
Lower Panel Guide

⚠ CAUTION

• The lower panel guides are easily broken. Be careful with them when installing the cabinet.

6 Fasten the curtain panels to the unit with 8 type A screws.

Fasten the screws behind the curtain panel.

Screws (Type A)

Screws (Type A)
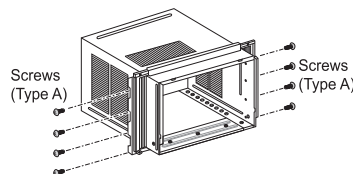
NOTE

• Use a long screwdriver to make installing the screws easier.

Cabinet Installation

Center Hole
Inside Sill
Outside Sill
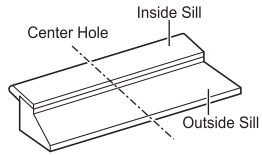
1 Open the window. Mark a line on the center of the inside sill.

Carefully place the cabinet in the window and align the center hole on the cabinet bottom front with the center line on the sill.
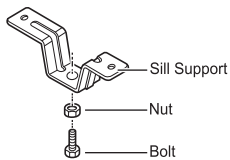

Inside Sill
Center Hole
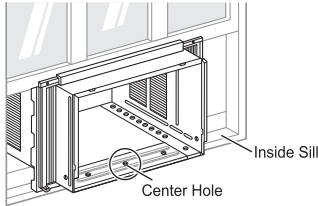
2 Pull the bottom window sash down behind the upper guide until It meets the cabinet.


Window Sash
Upper Panel Guide
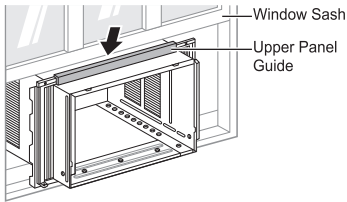
NOTE

• Do not pull the window sash down so tightly that the movement of the curtain panels is restricted.

3 Loosely assemble each sill support.


Sill Support
Nut
Bolt

NOTE

• If the distance to the outer window sill is not that deep, you may not need the bolt and nut.

4 Use 2 type A screws to attach a sill support to the cabinet track holes on one side. Use the cabinet track holes that will place the sill support nearest to the outer edge of the sill. The longer side of the sill support should be facing outside the window.

Repeat with the second sill support on the opposite side of the cabinet.

Cabinet Track Holes

Screws (Type A)
Outdoor
Indoor
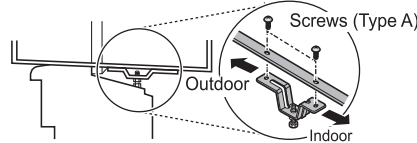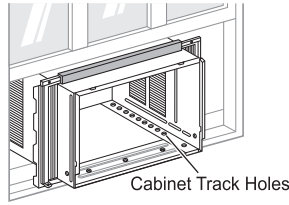
5 Install the cabinet with a slight tilt (about 1/2") downward on the outside.

Use the bolt and nut to adjust the tilt of the cabinet.


about 1/2"
Cabinet
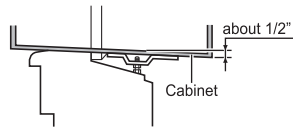
⚠ CAUTION

• Do not drill a hole in the bottom pan. The product is designed to operate with approximately 1/2" of water in the bottom pan. There is no need to add water if the pan is dry.

6 Mount the cabinet to the window sill using 3 type B screws in the holes on the front angle.

Sash Track
Front Angle
Screws (Type B)
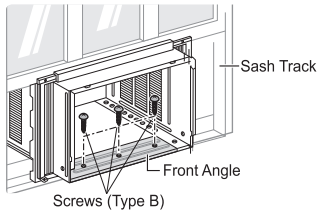
7 Pull each curtain panel out until it meets the window sash track.

Upper Panel Guide
Sash Track
Inside Window Sill
Front Angle
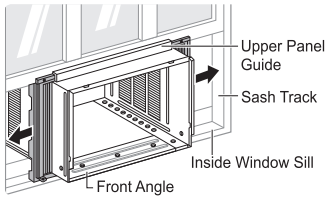
8 Use a screwdriver or power drill to attach the curtain panels to the window sashes by inserting type C screws into the sashes through the cabinet holes shown in the figure below.


Screws (Type C)
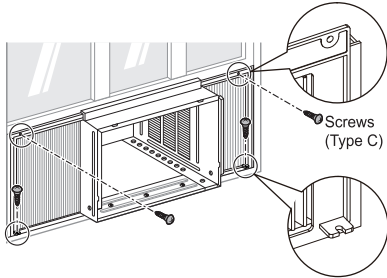
Unit Installation

1 With the aid of an assistant, slide the unit into the cabinet. Do not push on the controls or the finned coils. Reinstall the screws removed from the cabinet sides in step 1 of preparation of cabinet.
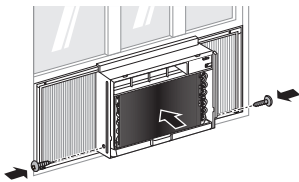

⚠ CAUTION

- The unit is heavy. Use an assistant to help lift the unit and set it in place. Lifting and maneuvering the unit by yourself could result in injury.

- Hold the unit firmly in place until the window frame is lowered to meet the top surface of the unit directly behind the upper guide. If the unit falls from the window, it could cause personal injury or property damage.

2 Cut the non-adhesive foam strip to the proper length and insert it between the upper window sash and the lower window sash.
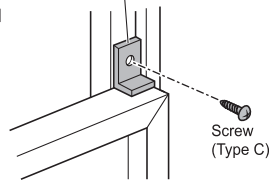

Foam Strip (Non-adhesive)
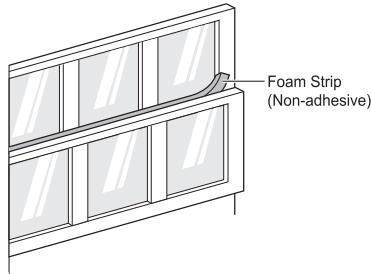
3 To prevent broken glass or damage to windows, on vinyl or other similarly constructed windows, attach the window locking bracket with a type C screw.
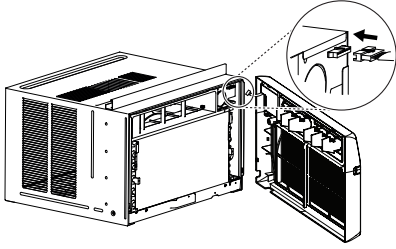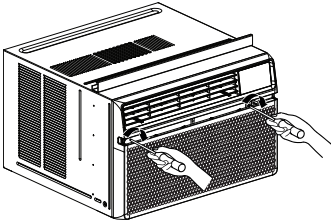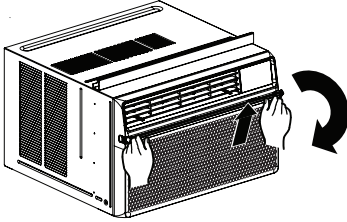
Vinyl

Screw (Type C)
Window Locking Bracket

Wood

Screw (Type C)
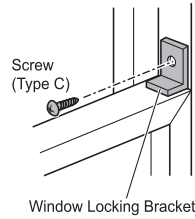
4 Connect the wire harness before assembling the front grille.

5 Remove air filter from the front grille by pulling the filter forward and then up slightly. Secure it with 2 type A screws through the front grille.

6 After the air conditioner is installed, measure the curtain panel on each side and cut the adhesive-backed heatproof foam to fit each panel. The size of the panels may differ. Remove the backing from the heatproof foam and attach the foam to the curtain panels.

(Adhesive Backed)
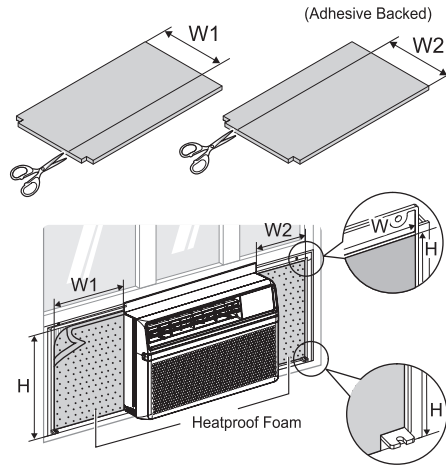
Heatproof Foam

NOTE
- Heatproof foam improves the cooling capability of the air conditioner.
- See the Electrical Data section for information on attaching the power cord to an electrical outlet.