

Installation Instructions

Pyramid Wall Chimney Vent Hoods

JVW5301, JVW5361

 If you have questions, call 800.561.3344 or visit our website at: GEAppliances.ca

BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** — Save these instructions for local inspector's use.
- **IMPORTANT** — Observe all governing codes and ordinances.
- **Note to Installer** – Be sure to leave these instructions with the Consumer.
- **Note to Consumer** – Keep these instructions for future reference.
- **Skill level** – Installation of this vent hood requires basic mechanical and electrical skills.
- **Completion time** – Approximately 1 to 3 hours
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.

⚠ CAUTION: Due to the weight and size of these vent hoods and to reduce the risk of personal injury or damage to the product, **TWO PEOPLE ARE REQUIRED FOR PROPER INSTALLATION.**

FOR YOUR SAFETY:

⚠ WARNING: Before beginning the installation, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

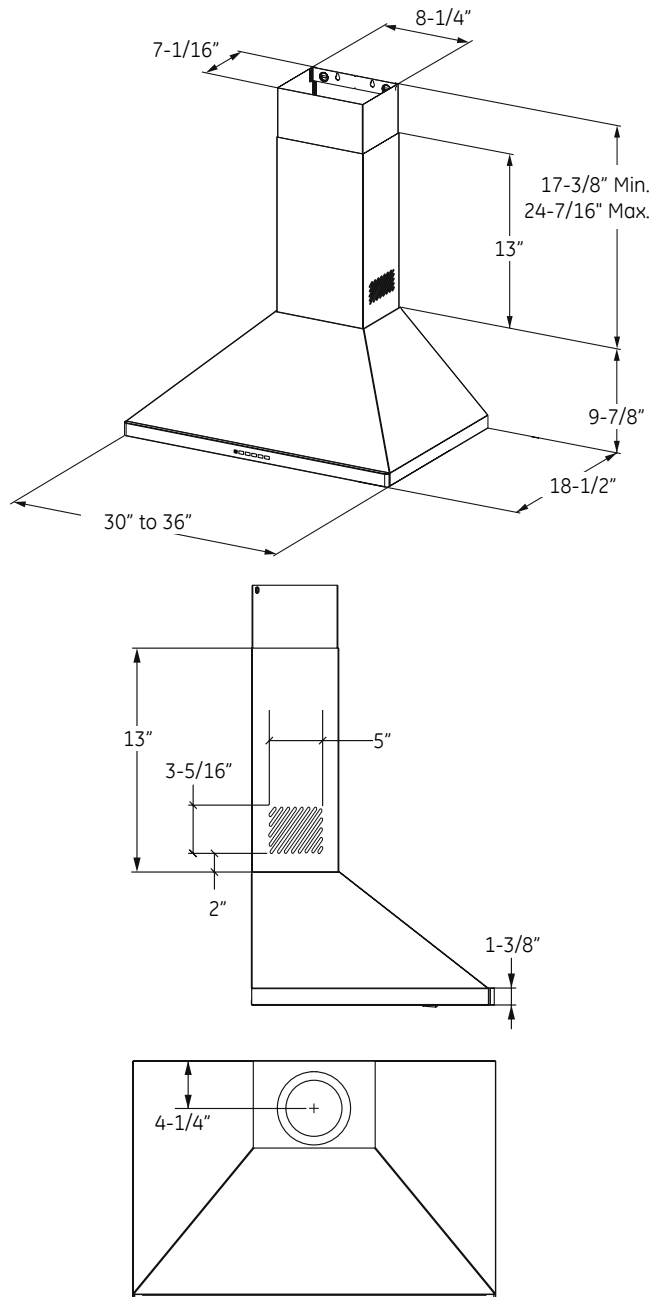
⚠ WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

- A. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
- B. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent back drafting. Follow the heating equipment manufacturer's guidelines and safety standards such as those published by the National Fire Protection Association (NFPA), the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.
- C. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- D. Ducted fans must always be vented to the outdoors.
- E. Turn off breaker to adjacent rooms while working.

⚠ WARNING: TO REDUCE THE RISK OF FIRE, USE ONLY METAL DUCT WORK.

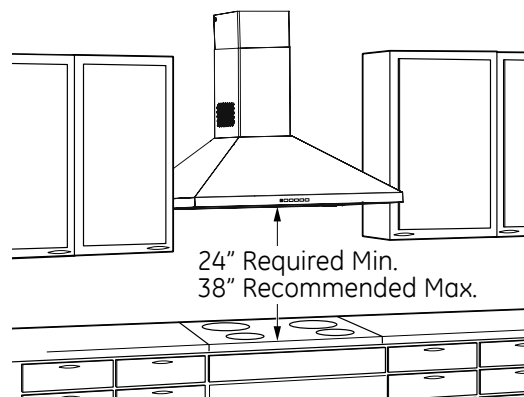
Installation Preparation

PRODUCT DIMENSIONS



INSTALLATION CLEARANCES

These vent hoods are designed to be installed onto a wall with no above cabinets.



The vent hood must be installed $24"$ minimum above the cooking surface. For optimal performance and usability, installing the hood more than $38"$ above the cooking surface is not recommended. The hood installation height above the cooking surface depends upon ceiling height and duct cover limitations. The telescopic duct cover conceals the ductwork running from the top of the hood to the ceiling. For supplied duct cover ceiling heights, see table on page 5.

NOTE: Installation height should be measured from the cooking surface to the lowest part of the hood. This hood must be installed onto a wall. It can be vented to the outdoors, or it can be installed for recirculating operation. For recirculation operation, see **Recirculation Install Planning**.

1" = 2.5 cm; 1' = 0.3 m

Installation Preparation

ADVANCE PLANNING

Duct Install Planning

- This hood is designed to be vented vertically through the ceiling. Use a 6" round duct. Use locally supplied elbows to vent horizontally through the rear wall.
- Use metal ductwork only.
- Determine the exact location of the vent hood.
- Plan the route for venting exhaust to the outdoors. To maximize the ventilation performance of the vent system:
 1. Minimize the duct run length and number of transitions and elbows.
 2. Maintain a constant duct size.
 3. Seal all joints with duct tape to prevent any leaks.
 4. Do not use any type of flexible ducting.
- Install a wall cap or roof cap with damper at the exterior opening. Purchase the wall or roof cap and any transition and length of duct needed in advance.
- When applicable, install any makeup (replacement) air system in accordance with local building code requirements.

Recirculation Install Planning

A recirculation duct (included) and two charcoal filters (not included) are necessary for recirculation installation.

Power Supply Planning

The location of the power supply connection is called out in the **Prepare the Wall** section on page 6.

POWER SUPPLY

IMPORTANT – (Please read carefully)

⚠ WARNING:

FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED.

Remove house fuse or open circuit breaker before beginning installation.

Do not use an extension cord or adapter plug with this appliance. Follow National Electrical Codes or prevailing local codes and ordinances.

Electrical supply

These vent hoods must be supplied with 120V, 60Hz, and connected to an individual, properly grounded branch circuit, and protected by a 15 or 20 amp circuit breaker or time delay fuse.

- Wiring must be 2 wire with ground.
- If the electrical supply does not meet the above requirements, call a licensed electrician before proceeding.
- Route house wiring as close to the installation location as possible in the ceiling or wall.
- Connect the wiring to the house wiring in accordance with local codes.

Grounding instructions

The grounding conductor must be connected to a ground metal, permanent wiring system, or an equipment-grounding terminal or lead on the hood.

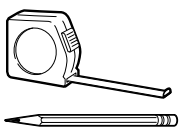
⚠ WARNING: The improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded.

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Installation Preparation

TOOLS AND MATERIALS REQUIRED

(NOT SUPPLIED)



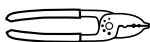
Pencil and tape measure



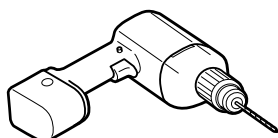
Safety glasses



Spirit level



Wire cutter/stripper



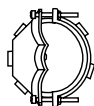
Electric drill, #2 Phillips, flat head, and 9/32" drill bit



UL listed wire nuts



Aluminized Duct tape



Strain relief for junction box

REMOVE THE PACKAGING

⚠ CAUTION: Wear gloves to protect against sharp edges.

- Remove the duct covers.
- Remove the hardware bag, literature package and other boxed parts.
- Remove and properly discard the protective plastic wrapping and other packaging materials.

PLAN THE INSTALLATION

⚠ CAUTION: To reduce risk of fire and to properly exhaust air, be sure to duct the air outside – Do not vent exhaust air into spaces within walls or ceilings or into attics, crawl spaces, or garages.

PARTS SUPPLIED FOR INSTALLATION

- 1 Hardware Package
- 1 Literature Package

PARTS NEEDED FOR INSTALLATION

- 1 Strain Relief
- Power Supply Cable
- 1 Wall or Roof Cap (for external venting only)
- All Metal Ductwork (for external venting only)
- Recirculation Duct (for recirculation install only)

⚠ WARNING: PERSONAL INJURY HAZARD

Because of the weight and size of the range hood canopy. It is recommended that 2 people are used to install the range hood. Failure to properly lift range hood could result in damage to the product or personal injury.

NOTE: This range hood can be installed as either ducted or recirculation. In a ducted application, this range hood can be vented through the wall or ceiling. When installed for recirculation, the range hood vents out the sides of the duct cover.

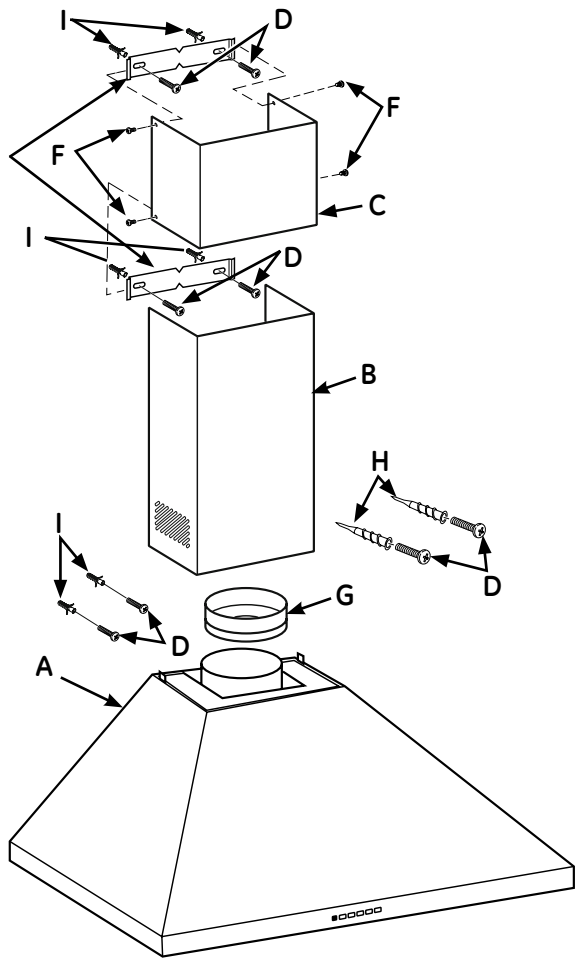
NOTE: Before making any cuts or holes for installation, determine which venting method will be used and carefully calculate all measurements.

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Installation Preparation

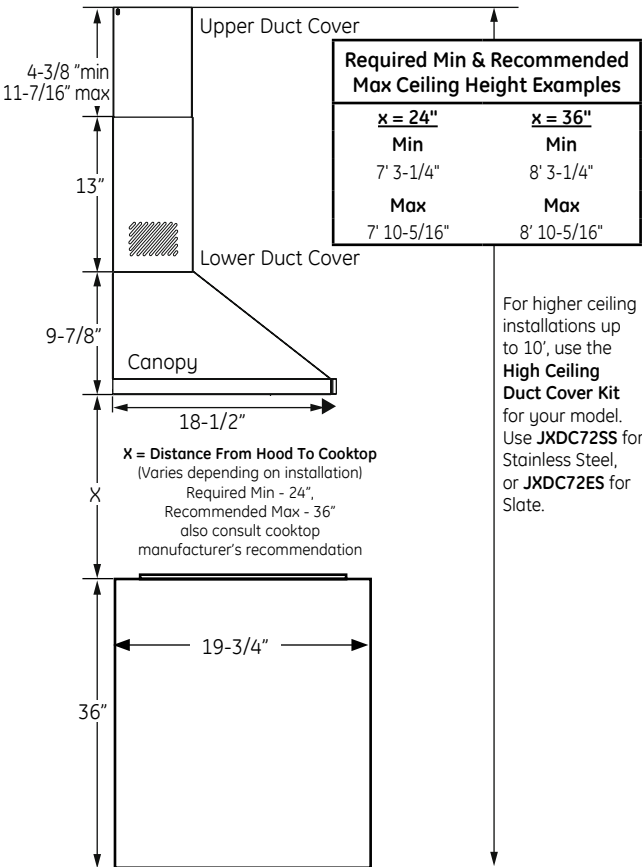
RANGE HOOD COMPONENTS

- A. Canopy Section
- B. Lower Duct Cover
- C. Upper Duct Cover
- D. Mounting Screws
- E. Duct Cover Mounting Brackets
- F. Duct Cover Screws
- G. Damper
- H. Canopy Mounting Anchors
- I. Duct Cover Anchors



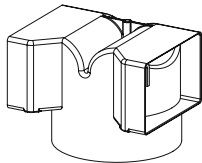
INSTALLATION DIMENSIONS

The Pyramid Chimneys are adjustable and designed to meet varying ceiling heights. The duct covers can be adjusted for ceilings between 7' 3 1/4" and 8' 10 5/16" depending on the distance between the bottom of the hood and the cooktop (distance X).

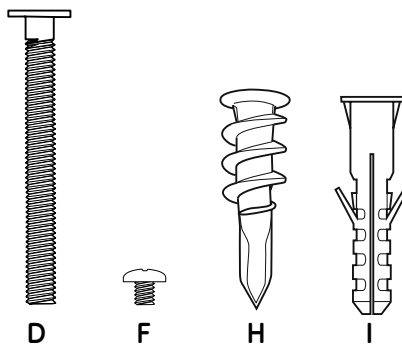


RANGE HOOD RECIRCULATION COMPONENT

Recirculation Duct



HARDWARE COMPONENTS



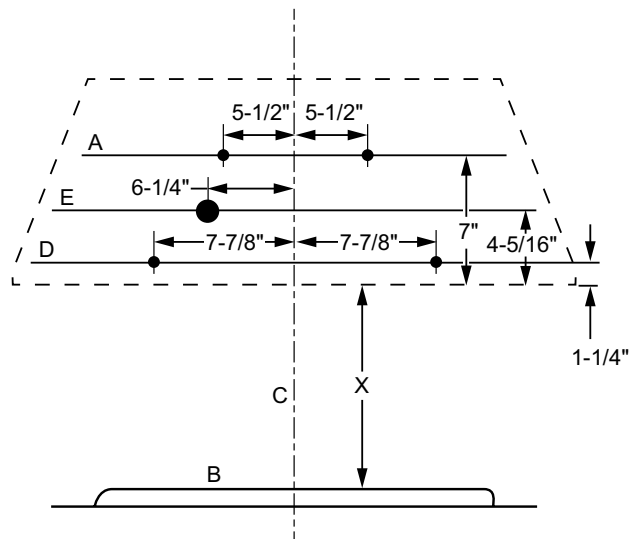
1" = 2.5 cm; 1' = 0.3 m

Installation Preparation

PREPARE THE WALL

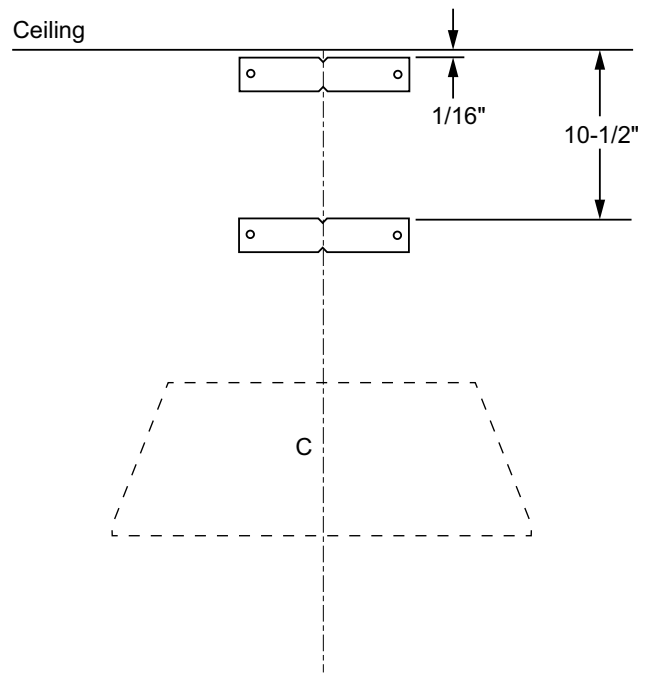
Hood Body and Power Supply

1. Put a protective covering over the surface below the location of the hood to protect from dirt and/or damage.
2. Determine and mark the centerline on the wall (draw line up to the ceiling) where the range hood will be installed. Based on the ceiling height, determine the distance 24" required min, 36" recommended max (X) needed between the cooking surface (B) and the bottom of the hood. To this distance, add 7" and draw a horizontal line (A) about 24" long centered on the vertical centerline (C).
3. Mark 2 points on each side of the horizontal line (A), 5-1/2" from the vertical centerline (C). Drill the canopy mounting anchors into the wall at the markings. Install the 2 mounting screws into the anchors, leaving a 1/4" gap between the wall and the back of the screw head. (You will place the hood body onto these screw heads.)
4. Draw a second horizontal line (D) that is 1-1/4" added from the X distance. Draw a third horizontal line (E) that is 4-5/16" added from the X distance.
5. Mark 2 points on each side of the horizontal line (D), 7-7/8" from the vertical centerline (C). Drill the 2 holes for installation with a 9/32" drill bit, and insert the duct cover anchors.
6. Determine and mark where the hole will be drilled for the power supply cable to be run through the wall. Mark a point on the left side of the horizontal line (E), 6-1/4" from the vertical centerline (C). Drill a 1-1/4" hole at this mark.



Duct Covers

1. Place one of the duct cover brackets against the wall so that its top edge is 1/16" from the ceiling and level. Align the center notches of the bracket and the centerline (C) and mark the centers of the bracket holes. Remove the bracket to drill the 2 holes for installation with a 9/32" drill bit, and insert the duct cover anchors. Place the bracket back on the wall and install the 2 mounting screws into the anchors. Tighten screws.
2. Place the other duct cover bracket on the wall so that its top edge is 10-1/2" from the ceiling and level. Align the center notches of the bracket and the centerline (C) and mark the centers of the bracket holes. Remove the bracket to drill the 2 holes for installation with a 9/32" drill bit, and insert the duct cover anchors. Place the bracket back on the wall and install the 2 mounting screws into the anchors. Tighten screws.

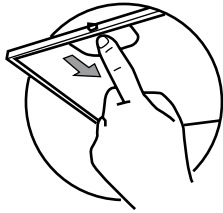


1" = 2.5 cm; 1' = 0.3 m

Installation Instructions

PREPARE HOOD FOR INSTALLATION

1. Remove the grease filters from the unit and set aside. The grease filters are removed by pressing the handle in front of the filter. When replacing, make sure that the filters are properly positioned with the handles in front and visible.
2. Remove and properly discard the protective plastic wrapping from the hood and grease filters.
3. Remove junction box cover.

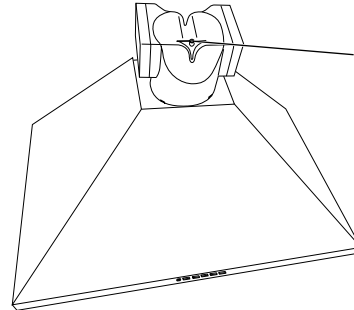


Vented Installations

1. Securely press damper on top of the exhaust opening. Check that the damper opens freely.
2. Go to **Mount the Range Hood** in this section.

Non-vented (recirculation) Installations (Continued)

2. Check that the recirculation duct is in the correct orientation with the hole towards the front of the hood. Fit the recirculation duct over the vent exhaust outlet (B) and push down to seat on the outlet.
3. Go to **Mount the Range Hood** in this section.

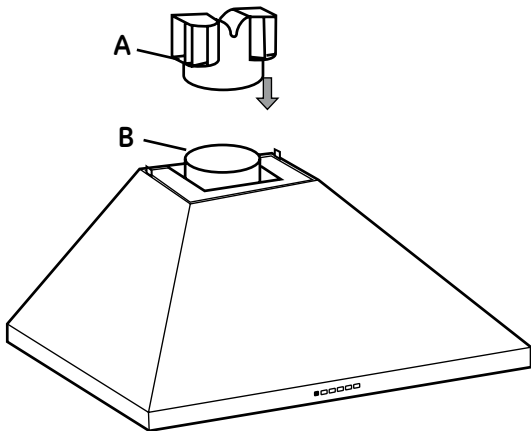


NOTE:
Hole must
be facing
toward front
of hood.

Non-vented (recirculation) Installations

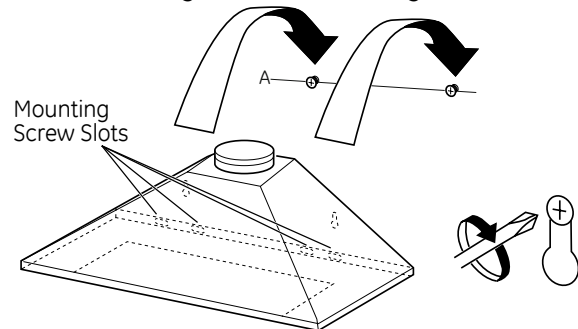
NOTE: Recirculation duct (included) and charcoal filters JXCF72 (not included) are required. **The damper is not installed on the unit with recirculation installations.**

1. Install the non-vented (ductless) recirculation duct (A) supplied with the vent hood.



MOUNT THE PYRAMID RANGE HOOD

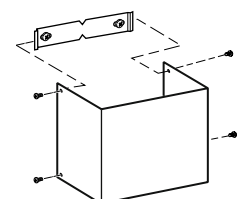
1. Install the range hood body by placing the hood key holes over the mounting screws. Feed the power supply cable through the electrical knockout. Tighten the mounting screws.



2. Insert 2 mounting screws into the 2 duct cover anchors (installed on line D in **Preparing the Wall** section) located in the slots on the back surface of the hood. Secure tightly.
3. Connect the house ducting to the damper on the hood body if ducted install. Seal all connections with duct tape.

NOTE: If recirculation installation, skip to **Step 4** and proceed.

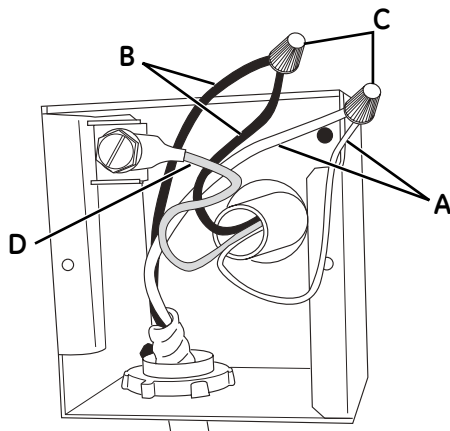
4. Install the upper duct cover. Slightly spread the sides of the cover apart and hook them behind the duct cover mounting brackets. Attach the cover to the brackets with 4 duct cover screws.



Installation Instructions

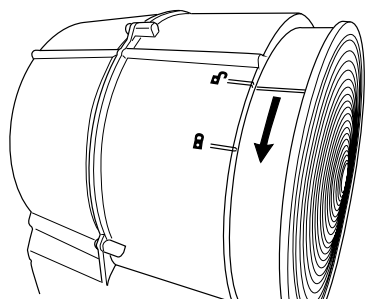
ELECTRICAL CONNECTION

1. Connect the Power Supply Cable to the range hood. Attach the **white** lead of the power supply to the **white** lead of the range hood (A) with a wire nut (C). Attach the **black** lead of the power supply to the **black** lead of the range hood (B) with a wire nut (C). Connect the **green** (D) ground wire under the **green** grounding screw.
2. Replace the junction box cover.



FINISH THE INSTALLATION

1. **For recirculation installation only:** Attach the CHARCOAL FILTERS (not included) to both sides of the blower. To do this, place the side of the charcoal filter with the tabs against the side of the blower. Align the double lines on the charcoal filter with the "unlocked" symbol on the blower. Push and twist downward until the double lines align with the "locked" symbol on the blower. Repeat on other side with second filter.



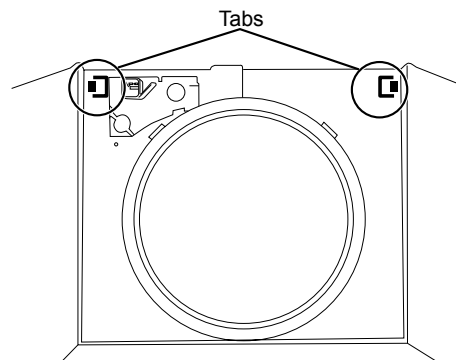
For recirculation and ducted installation:

2. Replace the grease filters.

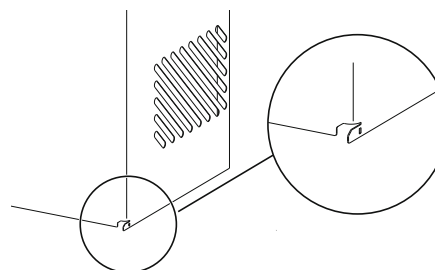
FINISH THE INSTALLATION

(Continued)

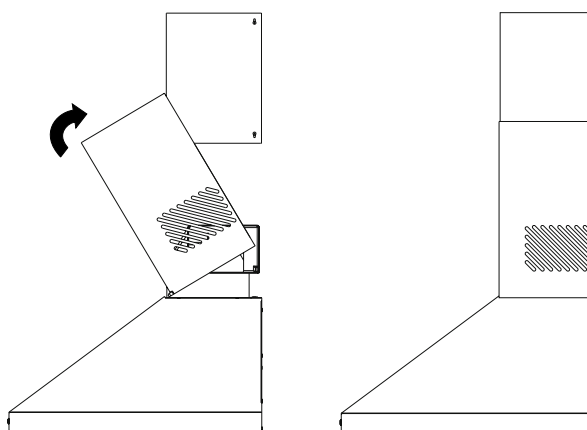
3. Using a flathead screwdriver, lift up the tabs on the top of the canopy.



4. To install the lower duct cover:
 - Use a flat head screwdriver to push the two tabs forward on the lower duct cover.



- Angle the duct cover to slide the tabs under the ledge of the hood body. Seat the back of the duct cover on the top of the range hood between the edges and tabs.



5. Turn the power supply on. Turn on blower and light. If the range hood does not operate, check that the circuit breaker is not tripped or the house fuse blown. If the unit still does not operate, disconnect the power supply and check that the wiring connections have been made properly.