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Write the model and serial numbers here:

Model # ________________
Serial # ________________
You can find them on a label on the inside of the hood.
SAFETY PRECAUTIONS

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

A. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer.

B. Before servicing or cleaning unit, 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.

C. Do not use this unit with any solid-state speed control device.

D. This unit must be grounded.

CAUTION — For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.

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

WARNING — TO REDUCE THE RISK OF INJURY TO PERSONS IN THE EVENT OF A RANGE TOP GREASE FIRE, OBSERVE THE FOLLOWING*:

A. SMOTHER FLAMES with a close-fitting lid, cookie sheet or metal tray, then turn off the burner. BE CAREFUL TO PREVENT BURNS. If the flames do not go out immediately, EVACUATE AND CALL THE FIRE DEPARTMENT.

B. NEVER PICK UP A FLAMING PAN—You may be burned.

C. DO NOT USE WATER, including wet dishcloths or towels—a violent steam explosion will result.

D. Use an extinguisher ONLY if:
   1. You know you have a Class ABC extinguisher, and you already know how to operate it.
   2. The fire is small and contained in the area where it started.
   3. The fire department is being called.
   4. You can fight the fire with your back to an exit.

* Based on “Kitchen Fire Safety Tips” published by NFPA.
SAFETY PRECAUTIONS

WARNING — To reduce the risk of a range top grease fire:

A. Never leave surface units unattended at high settings. Boilovers cause smoking and greasy spillovers that may ignite. Heat oils slowly on low or medium settings.

B. Always turn hood ON when cooking on high heat or when flambéing food (i.e. Crepes Suzette, Cherries Jubilee, Peppercom Beef Flambé).

C. Clean ventilating fans frequently. Grease should not be allowed to accumulate on fan or filter.

D. Use proper pan size. Always use cookware appropriate for the size of the surface element.

WARNING — To reduce the risk of fire, use only metal ductwork.

Do not attempt to repair or replace any part of your hood unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.

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.

READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY.
READ AND SAVE THESE INSTRUCTIONS
Using the hood controls.

Throughout this manual, features and appearance may vary from your model.

1 FAN Control
Turn the FAN speed control to LO, MED LO, MED HI or HI, as needed.

Continuous use of the fan system while cooking helps keep the kitchen comfortable and less humid. It also reduces cooking odors and soiling moisture that create a frequent need for cleaning.

NOTE: When the fan is operating on the LO setting, it will be very quiet. Always make sure that the fan is turned OFF when you are finished in the kitchen.

2 LIGHT Control
Turn the LIGHT control to HI for bright light while cooking. Turn to NITE for use as a night light.
Care and cleaning of the vent hood.

Be sure electrical power is off and all surfaces are cool before cleaning or servicing any part of the vent hood.

Reusable Metal Grease Filters

The hood has 2 metal reusable grease filters.

The metal filters trap grease released by foods on the cooktop. They also help prevent flaming foods on the cooktop from damaging the inside of the hood.

For this reason, the filters must **ALWAYS** be in place when the hood is used. The grease filters should be cleaned once a month, or as needed.

To **clean the grease filters**, soak them and then swish them around in hot water and detergent. Don’t use ammonia or ammonia products because they will darken the metal. Do not use abrasives or oven cleaners. Light brushing can be used to remove embedded dirt. Rinse, shake and let them dry before replacing. **They may also be cleaned in an automatic dishwasher.**

To **remove**:
Grasp the filter handle and pull it up, forward and out.

To **replace**:
1. Hold the filter at the bottom with the handle.
2. Place the top end of the filter against the inside front of the hood.
3. Slide it up until it stops and push the bottom end back until it snaps into place.

Painted Surfaces (on some models)

To clean the hood surface, use a hot, damp cloth with a mild detergent suitable for painted surfaces. Use a clean, hot, damp cloth to remove soap. Dry with a dry, clean cloth.

Do not use steel-wool pads or other abrasive cleaners. They will scratch the surface.

Stainless Steel Surfaces (on some models)

To **inquire about purchasing** stainless steel appliance cleaner or polish, or to find the location of a dealer nearest you, please call our toll-free number:

**National Parts Center**
800.626.2002
ge.com

Do not use a steel wool pad; it will scratch the surface.

To clean the stainless steel surface, use warm sudsy water or a stainless steel cleaner or polish. Always wipe the surface in the direction of the grain. Follow the cleaner instructions for cleaning the stainless steel surface.

If it ever becomes necessary to replace the metal grease filters, they may be ordered from your GE supplier.

Heavy-duty commercial filters may also be used in place of the filters.

For 30” hoods, order Kit no. JXBF30SS.

For 36” hoods, order Kit no. JXBF36SS.

To order, call **800.626.2002**.
Care and cleaning of the vent hood.

Be sure electrical power is off and all surfaces are cool before cleaning or servicing any part of the vent hood.

Hood Lights

NOTE: The glass cover should be removed only when cold. Wearing latex gloves may offer a better grip.

CAUTION: Before replacing your light bulb, disconnect the electrical power to the hood at the main fuse or circuit breaker panel.

Be sure to let the light cover and bulb cool completely.

For your safety, do not touch a hot bulb with bare hands or a damp cloth.

To remove:
1. Turn the glass cover counterclockwise until the glass cover clears the socket.
2. Using gloves or a dry cloth, remove the bulb by pulling it straight out.

To replace:
2. Using gloves or a dry cloth, remove the new bulb from its packaging.

NOTE: Do not touch the new halogen bulb with bare fingers. Touching the bulb with bare fingers will significantly reduce the life of the bulb.

Push the bulb straight into the receptacle all the way.

Place the glass cover onto the socket and turn clockwise until secure.

For improved lighting, clean the glass cover frequently using a damp cloth. This should be done when the hood is completely cool.

Reconnect electrical power to the hood.
Installation Instructions

Questions? Call 800.GE.CARES (800.432.2737) or Visit our Website at: ge.com

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 – 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:
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.

PRODUCT DIMENSIONS

30” Models
Requires a 30” Wide Opening

36” Models
Requires a 36” Wide Opening
INSTALLATION CLEARANCES
These vent hoods are designed to be installed onto a wall. They may be installed beneath a soffit or cabinet.
- Install these hoods 24” Min. to 36” Max. above the cooking surface.

In this installation the ductwork running from the top of the hood will be concealed in the soffit or upper cabinetry.

WALL MOUNT INSTALLATION

For this installation, a decorative duct cover is available to conceal the ductwork running from the top of the hood. Use of the duct cover requires special consideration to the installation height above the countertop. See page 12 for details.

OPTIONAL ACCESSORIES

Duct Cover
A Decorative duct cover is available to accommodate 8 to 10 ft. ceiling heights. The duct cover will expand from 12” Min. or 24” to 34” Max. height.
- The duct cover conceals the ductwork running from the top of the hood to the ceiling.
- The duct cover accessory fits both 30” and 36” wide models. Order the duct cover accessory at the same time as the vent hood. All accessories should be on site at the time of hood installation.

Order the correct color to match your model:
JXCHBB – Black, JXCHWW – White,
JXCHCC – Bisque, JXCHSS – Stainless Steel.

Commercial Filter Kit
Use this kit to replace supplied filters.
JXBF30SS, Commercial Filter Kit for 30” wide models.
JXBF36SS, Commercial Filter Kit for 36” wide models.
Includes 2 commercial filters and 2 drip trays.
ADVANCE PLANNING

Ductwork Planning
- This hood may be vented vertically through upper cabinets, soffit or ceiling. A duct transition piece is supplied for vertical exhaust. Use locally supplied elbows to vent horizontally through the rear wall. See page 13.
- Determine the exact location of the vent hood.
- Plan the route for venting exhaust to the outdoors.
- Use the shortest and straightest duct route possible. For satisfactory performance, duct run should not exceed 100 equivalent length for any duct configurations.
- Refer to “Duct Fittings” chart to compute the maximum permissible length for duct runs to the outdoors.
- Use metal ductwork only.
- A transition piece for 7” round duct is supplied. Use 7” round duct or you may use 3-1/4" x 12" rectangular.
- Install a wall cap or roof cap with damper at the exterior opening. Order the wall or roof cap and any transition needed in advance.

Kit – JXDW1
Order kit JXDW1 if your installation requires horizontal ducting from the top of the hood through the back wall and:
- You have an 8 ft. ceiling and need to use a JXCH Series Chimney Cover, or
- You have a 12” cabinet or 12” soffit that the hood is to be mounted beneath.
This kit provides a duct transition from 7” round to 3½” x 10” rectangular for through-the-wall venting.

Wall Framing for Adequate Support
- This vent hood is heavy. Adequate structural support must be provided. The hood must be secured to vertical studs in the wall. See page 14.
- We strongly recommend that the vent hood with duct cover be on site before final framing and wall finishing. This will also help to accurately locate the ductwork and electrical service.

DECORATIVE DUCT COVERS
A decorative duct cover is available to fit both model widths. The duct cover conceals the ductwork running from the top of the hood to the ceiling or soffit. The duct cover will fit 8 ft. to 10 ft. ceiling heights. See page 12 for details.

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
This vent hood 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, soffit or wall. See page 13 for details.
- 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.

DUCT FITTINGS
Follow these guidelines for proper duct sizing in the ducting charts.

DUCTING CHART - 30” and 36” Models
Equivalent Length in Feet For 7” Round Duct

<table>
<thead>
<tr>
<th>Air Volume in CFM</th>
<th>0</th>
<th>25</th>
<th>50</th>
<th>75</th>
<th>100</th>
<th>125</th>
<th>150</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>300</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>400</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>600</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

7” Round 90° Elbow = 14 ft. 7” Roof Cap = 39 ft.

MAXIMUM DUCT LENGTH: 7” dia. duct, should not exceed 100 equivalent feet.
Installation Instructions

**DUCT FITTINGS**

Use this chart to compute maximum permissible lengths for duct runs to outdoors.

**Note:** Do not exceed maximum permissible equivalent lengths!

**Maximum duct length:**
100 foot for vent hoods.

**Flexible ducting:**
If flexible metal ducting is used, all the equivalent feet values in the table should be doubled. The flexible metal duct should be straight and smooth and extended as much as possible.

Do NOT use flexible plastic ducting.

**Note:** Any home ventilation system, such as a ventilation hood, may interrupt the proper flow of combustion air and exhaust required by fireplaces, gas furnaces, gas water heaters and other naturally vented systems. To minimize the chance of interruption of such naturally vented systems, follow the heating equipment manufacturer’s guidelines and safety standards such as those published by NFPA and ASHRAE.

---

**This Hood Must Use 7” Round Duct. It Can Transition To 3-1/4” x 12” Duct**

**Kit – JXDW1**

Order kit JXDW1 if your installation requires horizontal ducting from the top of the hood through the back wall and:
- You have an 8 ft. ceiling and need to use a JXCH Series Chimney Cover, or
- You have a 12” cabinet or 12” soffit that the hood is to be mounted beneath.

This kit provides a duct transition from 7” round to 3¾” x 10” rectangular for through-the-wall venting.

---

**Using a smaller diameter duct size will reduce performance**

---

<table>
<thead>
<tr>
<th>Duct Piece</th>
<th>Dimensions</th>
<th>Equivalent Length*</th>
<th>Quantity Used</th>
<th>Total Equivalent Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>7” Round, straight</td>
<td>1 ft.</td>
<td>(per foot length)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1/4” x 12” straight</td>
<td>1 ft.</td>
<td>(per foot length)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7” 90° elbow</td>
<td>14 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7” 45° elbow</td>
<td>9 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1/4” x 12” 90° elbow</td>
<td>15 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1/4” x 12” 45° elbow</td>
<td>9 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1/4” x 12” 90° flat elbow</td>
<td>36 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7” round to 3-1/4” x 12” transition</td>
<td>1 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1/4” x 12” to 7” round transition</td>
<td>1 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7” round to 3-1/4” x 12” transition 90° elbow</td>
<td>4 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1/4” x 12” to 7” round transition 90° elbow</td>
<td>4 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7” Round wall cap with damper</td>
<td>28 ft. (21 ft. without damper)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-1/4” x 12” wall cap with damper</td>
<td>26 ft. (19 ft. without damper)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7” Round roof cap</td>
<td>39 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Round roof vent</td>
<td>24 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Actual length of straight duct plus duct fitting equivalent.
Equivalent length of duct pieces are based on actual tests conducted by GE Evaluation Engineering and reflect requirements for good venting performance with any ventilation hood.

Total Duct Run ________
TOOLS AND MATERIALS REQUIRED (NOT SUPPLIED)

- Pencil and tape measure
- Phillips and flat blade screwdrivers
- Duct tape
- Electric drill with 1/8" and 3/8" bits
- 1/4" pivoting hex socket
- Spirit level
- Safety glasses
- Flashlight
- UL Listed Wire nuts
- Wire Cutter/Stripper
- Saber saw or Key Hole Saw
- Ladder
- Hammer
- Metal Snips
- Pliers
- Allen Wrench

Additional Materials:
- 120V 60Hz. 15 or 20 Amp, 2 wire with ground.
- Properly grounded branch circuit.
- Strain relief for junction box.
- 7" round metal duct or 3-1/4" x 12" rectangular duct, length to suit installation.

REMOVE THE PACKAGING

- Lift out the wooden crossmember, as well as the top protective carton.
- Lift out the four “L” shaped polystyrene protection profiles.
- Remove the protection moldings around the smaller carton box.
- Remove the small box housing the motor.
- Lift the hood out of the box.

CAUTION: Lift hood by grasping the outside edges of the inlet opening of the hood. Do not lift hood by the exhaust opening divider–damage will occur!

- Remove shipping screws holding the wood mounting piece to the back side of the hood. Set aside wood mounting piece and screws for later installation. Do not discard.
- Remove the “V” shaped carton insert.
- Remove parts package from the “V” shaped cardboard insert.
- Remove junction box cover and knockout.
- Install strain relief onto back or top of hood.
- Remove all tape and packing material from the hood, duct transition and motor.
PARTS PROVIDED
Locate the hardware accessory box packed with the hood and check contents.

DUCT COVER REQUIREMENTS
We recommend that the vent hood and decorative duct cover (if used) be on site before final framing and wall finishing. This will help to accurately locate studs, ductwork and electrical service. Read these instructions to determine if the duct cover accessory can be used for your installation situation.

Duct Cover Accessory:
- Use the decorative duct cover to conceal ductwork running from the top of the hood to the ceiling.
- The duct cover accessory consists of 2 pieces. The outside piece is 12" high, the inside piece is 22". Nested together they are 24" min., expanding to a total maximum height of 34".
- The outside piece can be used alone to fill a 12" height.
- For heights over 12", the ceiling bracket must be installed to secure the cover at the top.

To avoid unsightly gaps, plan the hood installation height for duct cover use.
- The cover will fit a 12" min. height from the top of the hood to the ceiling,
  – or 24" min. and expanding up to 34" from the top of the hood to the ceiling.
THE DUCT COVER CANNOT BE USED WHEN THE DISTANCE ABOVE THE TOP OF THE HOOD IS BETWEEN 12" AND 24".

Review the following examples to ensure a trouble free installation using the duct cover accessory.

8 ft. Ceilings: The hood must be installed at 30” above the cooking surface (or 66” above the floor). The duct cover will not fit if the hood is installed at a lower or higher height. Use the outside 12” section, discard the inside section.

9 ft. Ceilings: Install the hood 24” min. and up to a maximum of 30” above the cooking surface. The duct cover will expand to reach ceiling height.

10 ft. Ceilings: Install the hood 32” min. to 36” max. above the cooking surface. The duct cover will expand to a maximum of 34” above the top of the hood to meet the ceiling.
**Installation Instructions**

**DETERMINE HOOD, DUCTWORK AND WIRING LOCATIONS**

- Measure desired distance from the bottom of the hood to the cooking surface, 24” min. to 36” Max. Refer to the previous page if the accessory duct cover will be used.
- Use a level to draw a horizontal line indicating the bottom of the hood.
- Use a level to draw the cooktop centerline location.
- Measure 15-3/8” up from the horizontal line for the bottom of the hood. Draw another horizontal line.
- Measure 18” up from the line for the bottom of the hood, draw another horizontal line to indicate the top of the hood.

**FOR VERTICAL (Straight Up) DUCTING:**
- If venting out the ceiling, extend the centerline forward on the ceiling.
  - Measure 6-7/8” from drywall to mark centerline for a 7-1/2” dia. duct hole on the ceiling.
  - If drywall is not present, add drywall thickness to the 6-7/8” dimension.

**VENTING THROUGH A SOFFIT OR UPPER CABINET.**
- Follow the same procedure for ceiling ducting to cut the 7-1/2” dia. hole through the top of the cabinet or soffit.
- See Step 4, page 5 for details to cut opening for duct transition.

**FOR DUCTING THROUGH REAR WALL:**
- Measure the supplied duct transition with any straight run length of duct used, plus 90° elbow height. Draw a horizontal line on the wall intersecting the centerline.

**House Wiring Location:**
- The junction box is fastened to the back of the hood on the right side. See illustrations for hood knockout locations.

**Note:** The junction box can be relocated to the inside top of the hood. House wiring may enter the junction box from the rear or the top of the hood at the right side.

**To route house wiring through the ceiling or soffit:**
- Cut a hole approximately 1” dia., 5-7/8” forward on the ceiling, 11-1/8” to the right of the centerline for 30” models or 14-1/8” to the right of the centerline for 36” models.

**To route house wiring through the wall:**
- Cut a hole approximately 1” dia., 10-1/16” down from the top of the hood, 11-1/8” to the right of the centerline for 30” models or 14-1/8” to the right of the centerline for 36” models.
- Remove top or rear knockout depending on your installation.
1 INSTALL HOOD SUPPORT

**IMPORTANT:** Framing must be capable of supporting 100 lbs.

- Locate at least 2 vertical studs at the wood mounting location by tapping drywall with a hammer or use a stud finder.
- Center the supplied wood horizontal support, left to right and below the marked line.
- Drill 1/8” pilot holes through the support, drywall and into the studs. Secure the support to 2 or more vertical studs with supplied wood screws.

**IMPORTANT:** Screws must penetrate at least 1-1/2” into vertical studs. Countersink screws into support.

- Install mounting screws in the center of the wood support, 13-1/16” from the centerline. The screws should protrude forward 1/4”. This 1/4” gap will provide clearance to hang the hood.

2 INSTALL TRANSITION

**IMPORTANT:** Remove shipping tape from damper and check that damper moves freely.

- Place the transition piece over the hood exhaust. Secure transition to hood with 4 screws provided.
- Use duct tape to seal the connection.

3 INSTALL HOOD ONTO WALL

- Lift the hood and place over the wood support. The top keyhole slots in the hood should engage the protruding mounting screws. Allow the hood to slide down into position.
- Pull house wiring through knockout at the rear or the top of the hood.
- Check to be sure the hood is level and centered. The arrow shaped cutout in the back of the hood allows viewing the marked centerline.
- Remove cover from junction box.
Alternate Mounting Method
INSTALL HOOD TO SOFFIT OR BENEATH CABINETS

SKIP THIS STEP IF USING WALL MOUNTING METHOD

IMPORTANT: Soffit framing must be capable of supporting 100 lbs.

When necessary, the hood may be installed so that it is supported by the soffit.
• The soffit should be constructed with 2 x 4’s.
• Determine the installation location.
• Continue the centerline forward on the bottom of the cabinet or soffit.

![Diagram of soffit and cabinet installation](image)

IMPORTANT: For additional support and to minimize vibration during operation, we strongly recommend that the hood also be secured to the back wall with wall fasteners.

30” Models

<table>
<thead>
<tr>
<th>Component</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centerline</td>
<td>14-1/2”</td>
</tr>
<tr>
<td>Opening</td>
<td>10-3/4”W x 8-7/16”D</td>
</tr>
</tbody>
</table>

36” Models

<table>
<thead>
<tr>
<th>Component</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centerline</td>
<td>17-1/2”</td>
</tr>
<tr>
<td>Opening</td>
<td>10-3/4”W x 8-7/16”D</td>
</tr>
</tbody>
</table>

• Mounting screws must be secured to 2 x 4 studs (Dim. “A”) at locations shown in the above chart.
• Allow minimum opening (Dim. “B”) to accommodate the duct transition in the soffit.

![Diagram of mounting screws](image)

• Drill four 1/8” pilot holes in locations shown.
  – If mounting to the underside of a cabinet with a recessed bottom, install shims to fill the gap.

![Diagram of shims](image)

• Drive mounting screws into the studs until they protrude 1/4”. This 1/4” gap will provide clearance to engage the keyhole slots in the top of the hood.
• Lift hood onto mounting screws. Slide back against the rear wall.
• Pull house wiring through the knockout at the rear or the top of the hood.
• Tighten mounting screws.

Cut a 10-3/4”x 8-7/16” hole through bottom of soffit or cabinet for duct transition as shown.
**5 INSTALL CEILING BRACKET**

The ceiling bracket must be installed when the duct cover is used to span 24” or more height above the hood. The bracket will hold the decorative duct cover in place at the top.

**Note:** The ceiling bracket is not required when using only the 12” section of the duct cover.

- Install the 2 small screws into the sides of the duct bracket. Remove the screws. Pre-tapping the holes will insure ease of final installation.
- Match center notch on the bracket to the centerline on the wall and flush against the ceiling.
- Mark the 2 screw hole locations.
- Drill 1/8” pilot holes in marked bracket location.
- If pilot holes do not enter studs, enlarge the holes to 3/8” and install wall fastener anchors.
- Secure the bracket to the rear wall with wood screws and washers. Use wall anchors if needed.

**Note:** Bracket has 2 sets of holes. Use larger holes for wall fasteners or wood screws with washers. Use smaller holes for wood screws with washers.

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**6 CONNECT DUCTWORK**

- Push duct over the end of the transition until it reaches the stop tabs.
- Install ductwork, making connections in direction of airflow as illustrated.
- Secure joints in ductwork with sheetmetal screws.
- Wrap all duct joints with duct tape for an airtight seal.
- Use duct tape to seal the flange connection.

**CAUTION:** Do not use sheet metal screws at the hood flange connection. Doing so will prevent proper damper operations. Seal connection with tape only.
Installation Instructions

7 INSTALL MOTOR

- Align and engage the slots in the blower assembly to the 3 hooks at the rear of the exhaust opening.

- Rotate motor upwards until it aligns with the attachment screw location.

- Secure the motor to the attachment bracket at the front of the opening with washer and screw provided.

- Plug the motor connector into the mating hood connector. See the illustration for the hood connector location. Touch the hood to locate and make the connection.

IMPORTANT: Hold the connector so the two square corner terminals are at the top as you position the connector to plug it in.

8 CONNECT ELECTRICAL

Verify that power is turned off at the source.

WARNING: If house wiring is not 2-wire with a ground wire, a ground must be provided by the installer. When house wiring is aluminum, be sure to use U.L. approved anti-oxidant compound and aluminum-to-copper connectors.

- Use wire nuts to connect incoming ground to green, white to white and black to black.

- Push wires into junction box and replace cover. Be sure wires are not pinched.

9 INSTALL DUCT COVERS

To install the 12" duct cover alone:

- Place the 12" section of the decorative duct cover on top of the hood.
- Secure the cover to the top of the hood with 4 screws provided.

To install the 2-piece duct cover:

- Place the 2-piece duct cover on top of the hood.
- Secure the bottom cover to the top of the hood with 4 screws provided. See illustration, page 16.
- Extend the inside section upwards to meet the ceiling and ceiling bracket.
- Secure the duct cover to the bracket with the 2 small Phillips screws provided.

10 INSTALL FILTER SUPPORT

- Tip filter support into the rear of the hood.
- Insert support tabs into the slots at the rear of the hood.

- Secure the support to the hood with screws as shown.
11 INSTALL FILTERS

• Remove protective film covering the filters.
• Insert the filter into the “C” clips mounted to the top of the vertical front panel.
• Tap the filter against one side to align with outside opening.
• Pull the filter down into the lower slots at the bottom of the filter support.

12 INSTALL CONTROL KNOBS

• Push control knobs onto the shafts.

13 FINALIZE INSTALLATION

• Refer to the operating instructions to test all controls.

11A INSTALL OPTIONAL COMMERCIAL FILTERS

• Remove supplied filters (if installed).
• Place the filter drip trays into the horizontal channel in the filter panel, located behind the filters. The grease will drain from the filters into these trays.
• Insert the filter into the “C” clips mounted to the top of the vertical front panel.
• Position the filter in the lower slots at the bottom of the filter support.

• To remove the filters, grasp the handle, push the filter up and pull forward.
## Troubleshooting Tips

Save time and money! Review the charts on the following pages first and you may not need to call for service.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Causes</th>
<th>What To Do</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan does not operate when the switch is on</td>
<td>A fuse may be blown or a circuit breaker tripped.</td>
<td>• Replace fuse or reset circuit breaker.</td>
</tr>
<tr>
<td></td>
<td>The blower connector is loose or not plugged into its mating connector.</td>
<td>• Disconnect power to the unit. Remove the filters and look up at the blower. If the blower connector plug is loose or you see the connector dangling, the installer failed to plug it in securely. Although it is a blind connection, it is easy to plug in. See the Installation Instructions in this manual for the plug location and how to plug the connector in.</td>
</tr>
<tr>
<td>Fan fails to circulate air or moves air slower than normal</td>
<td>Excessively soiled filters.</td>
<td>• Remove the filters, clean if necessary and replace them. If cleaning and replacing the filters does not correct the problem, call for service.</td>
</tr>
</tbody>
</table>
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City       State       Zip Code       Date Placed In Use Month       Day       Year       Phone Number

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During this limited one-year warranty, GE will also provide, free of charge, all labor and in-home service to replace the defective part.

What GE Will Not Cover:

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- Improper installation, delivery or maintenance.
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- Replacement of house fuses or resetting of circuit breakers.
- Damage to the product caused by accident, fire, floods or acts of God.
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