Installation Instructions

Chimney Vent Hood

If you have questions, call GE Appliances at 800.GE.CARES (800.432.2737) or visit our website at: GEAppliances.com

BEFORE YOU BEGIN

Read these instructions completely and carefully.

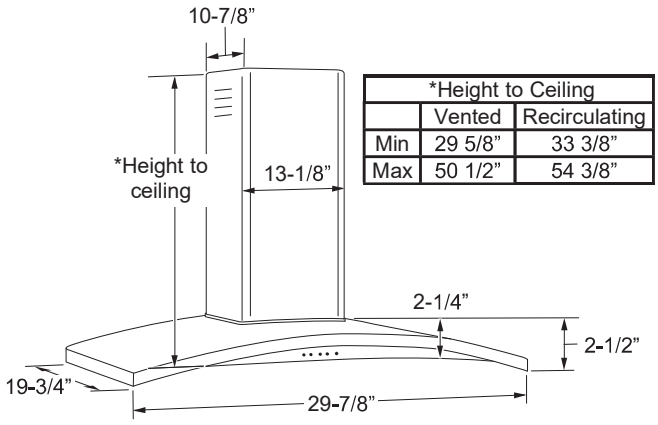
- **IMPORTANT –** Save these instructions for local inspector's use.
- **IMPORTANT –** Observe all governing codes and ordinances.
- **Note to Installer –** Be sure to leave these instructions with the Consumer.
- **Note to Consumer –** Keep these instructions for future reference.
- **Skill level –**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

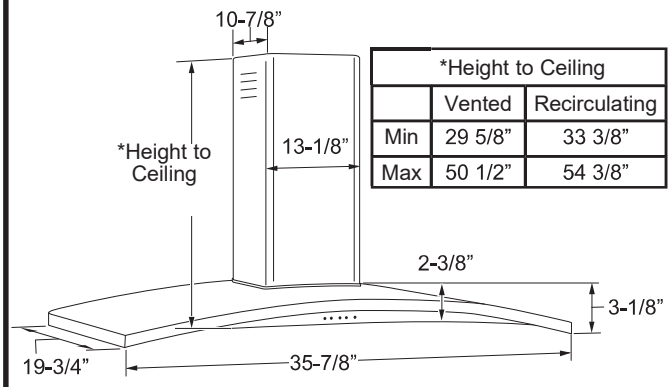
⚠WARNING Before beginning the installation, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service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

PRODUCT DIMENSIONS



*Height to Ceiling		
	Vented	Recirculating
Min	29 5/8"	33 3/8"
Max	50 1/2"	54 3/8"

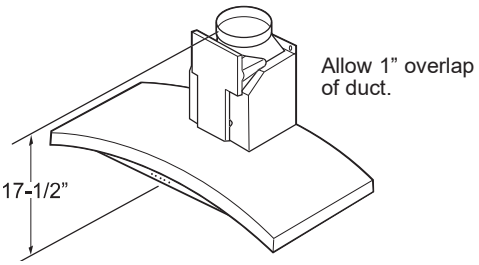
30" Models Require a 30" Wide Opening



*Height to Ceiling		
	Vented	Recirculating
Min	29 5/8"	33 3/8"
Max	50 1/2"	54 3/8"

36" Models Require a 36" Wide Opening

* For supplied duct cover ceiling heights for vented installation and recirculating installation, refer to the table on page 13.

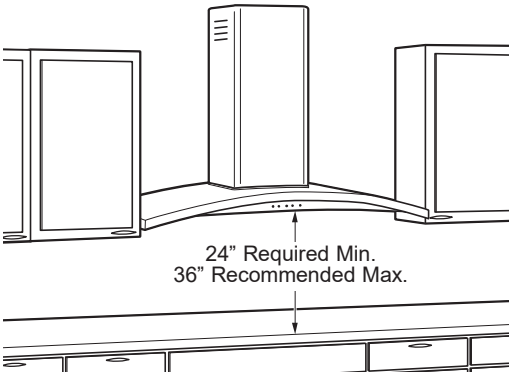


PREPARE TO INSTALL THE HOOD

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 between the required 24” minimum and 36” recommended maximum above the cooking surface.



The vent hood must be installed between the required 24” minimum and 36” recommended maximum above the cooking surface. 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 13.

Recirculation Kit:
Kit includes 1 air deflector and 1 charcoal filter and is included with the hood.

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, a Recirculating Kit (included) is required.

ADVANCE PLANNING

Duct Install Planning

- This hood is designed to be vented vertically through the ceiling. A duct transition piece is supplied for vertical exhaust. 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.

- Use the shortest and straightest duct route possible.
- Install a wall cap or roof cap with damper at the exterior opening. Order the wall or roof cap and any transitions and length of duct needed in advance.
- When applicable, install any makeup (replacement) air system in accordance with local building code requirements. Visit **GEAppliances.com** for available makeup air solutions.

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.

Installation Preparation

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 or wall. See page 14 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 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.

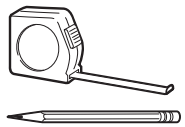
This Hood MUST Use an 8” Round Duct. It Can Transition to a 3-1/4” x 12” Duct.

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. When applicable, install any makeup (replacement) air system in accordance with local building code requirements. Visit **GEAppliances.com** for available makeup air solutions.

Installation Preparation

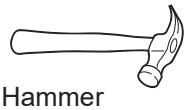
TOOLS AND MATERIALS REQUIRED
(NOT SUPPLIED)



Pencil and tape measure

Safety glasses

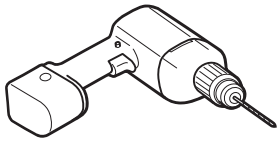
Spirit level



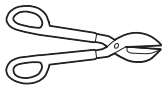
Hammer

Phillips screwdriver

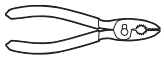
Flashlight



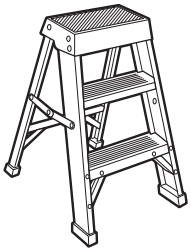
Electric drill with 3/16" bits, #2 Phillips head



Metal snips

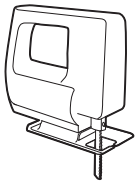


Pliers

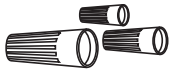


Step ladder

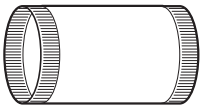
Wire cutter/stripper



Saber saw or Key Hole saw

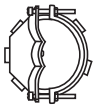


UL listed wire nuts



8" Round metal duct, length to suit installation

Aluminized Duct tape



Strain relief for junction box

120V 60Hz. 15 or 20 Amp, 2-wire with ground, properly grounded branch circuit

REMOVE THE PACKAGING

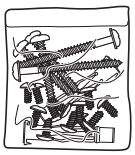
⚠CAUTION Wear gloves to protect against sharp edges.

- 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.
- Remove packing foam from behind the blower.

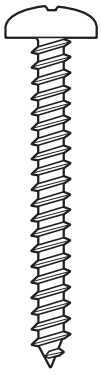
Installation Preparation

CHECK INSTALLATION HARDWARE

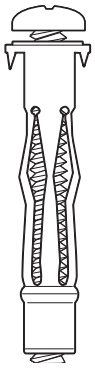
Locate the hardware package packed with the hood and check contents.



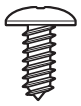
HARDWARE PACKAGE
Locate and count screws



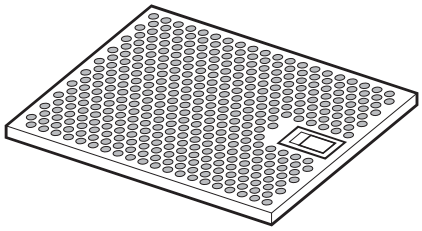
6 wood screws
(#10 1-3/4" long)



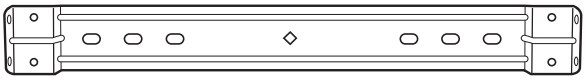
4 wall fasteners
(5/16") (screw
with wall
anchor)



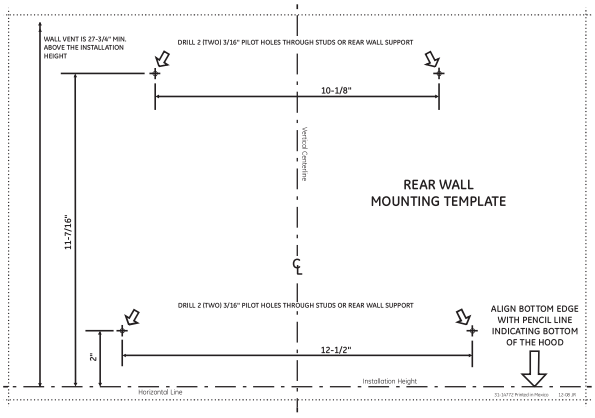
8 duct cover and
air deflector screws
(#8 thread forming
screw 3/8" long)



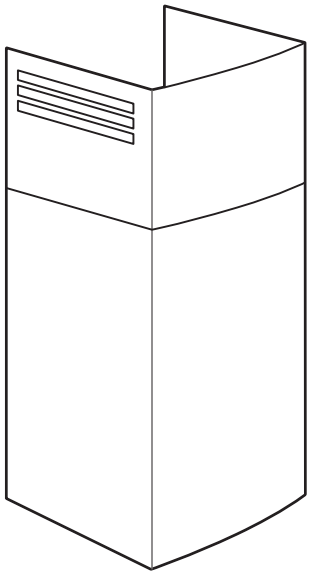
Stainless steel filter



Duct cover bracket

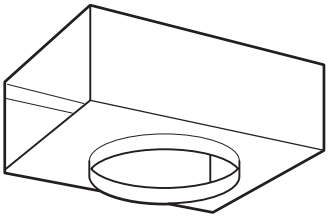


Template

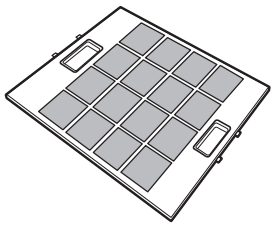


2-piece decorative duct cover

RECIRCULATING KIT (Included)



Air deflector



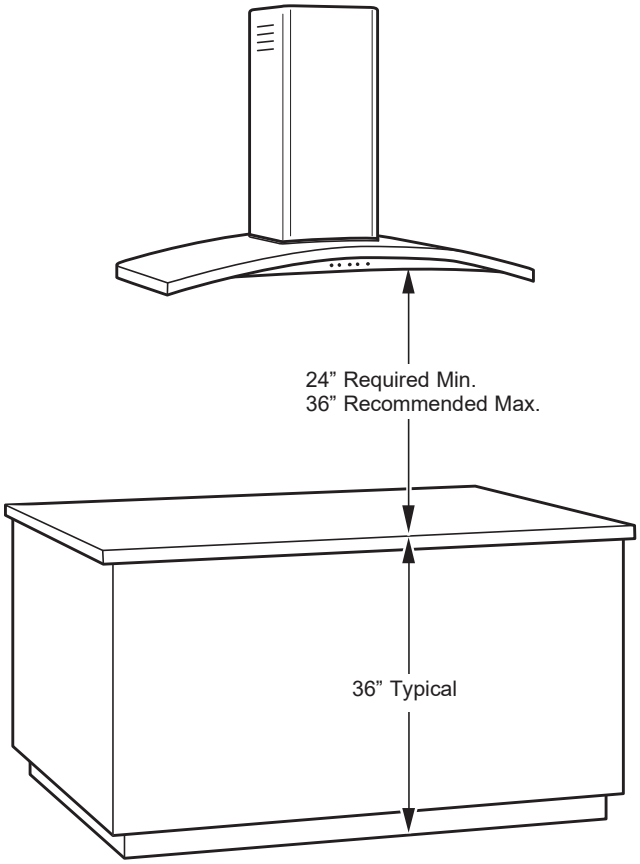
Charcoal filter

Installation Preparation

INSTALLATION CLEARANCES

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

- Install these hoods between the required 24” minimum and 36” recommended maximum above the cooking surface.



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.

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. Recirculating Kit included with hood.

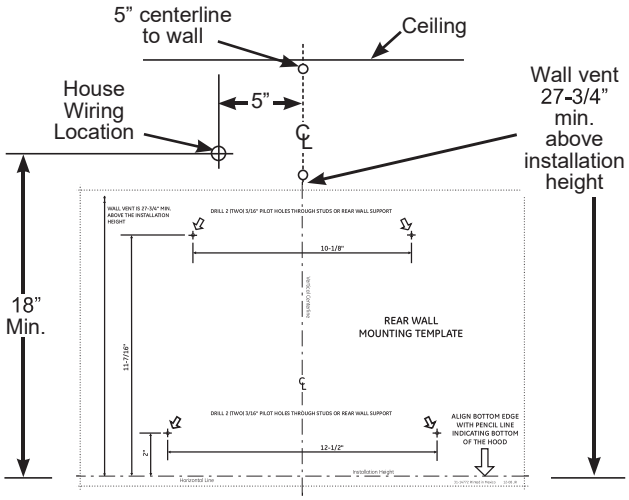
UVW7301, UVW7361		
Upper Duct Cover		25.81
Lower Duct Cover		27.56
	Counter to Hood Height	
Actual Ceiling Height	*Possible VENTED Installation Height	*Possible RECIRCULATING Installation Height
7' 6"	24"	
7' 7"	24" to 25"	
7' 8"	24" to 26"	
7' 9"	24" to 27"	
7' 10"	24" to 28"	24"
7' 11"	24" to 29"	24" to 25"
8' 0"	24" to 30"	24" to 26"
8' 1"	24" to 31"	24" to 27"
8' 2"	24" to 32"	24" to 28"
8' 3"	24" to 33"	24" to 29"
8' 4"	24" to 34"	24" to 30"
8' 5"	24" to 35"	24" to 31"
8' 6"	24" to 36"	24" to 32"
8' 7"	24" to 36"	24" to 33"
8' 8"	24" to 36"	24" to 34"
8' 9"	24" to 36"	24" to 35"
8' 10"	24" to 36"	24" to 36"
8' 11"	24" to 36"	24" to 36"
9' 0"	24" to 36"	24" to 36"
9' 1"	24" to 36"	24" to 36"
9' 2"	24" to 36"	24" to 36"
9' 3"	25" to 36"	24" to 36"
9' 4"	26" to 36"	24" to 36"
9' 5"	27" to 36"	24" to 36"
9' 6"	28" to 36"	24" to 36"
9' 7"	29" to 36"	25" to 36"
9' 8"	30" to 36"	26" to 36"
9' 9"	31" to 36"	27" to 36"
9' 10"	32" to 36"	28" to 36"
9' 11"	33" to 36"	29" to 36"
10' 0"	34" to 36"	30" to 36"
10' 1"	35" to 36"	31" to 36"
10' 2"	36"	32" to 36"
10' 3"		33" to 36"
10' 4"		34" to 36"
10' 5"		35" to 36"
10' 6"		36"

* based on 36” countertop height

INSTALLATION - VENTED TO THE OUTSIDE

DUCTWORK, WIRING LOCATIONS

- Determine the exact location of the vent hood.
- Locate the template packed with the literature.
  - Measure from the floor to the top of the cooking surface. Add hood installation height determined on pages 8 and 13. Mark that location.
  - Use a level to draw a straight pencil line on the wall.
  - Tape the template in position along the penciled line. **CHECK TO BE SURE THE TEMPLATE IS LEVEL.**



Ceiling ducting:

If ductwork will vent straight up to the ceiling:

- Use a level to draw a line straight up, from the centerline on the template to the ceiling.
- Measure 5” from the back wall to the centerline of an 8-1/2” hole on the ceiling

NOTE: If drywall is not present, add drywall thickness to the 5” dimension.

Wall Ducting:

If ductwork will vent to the rear:

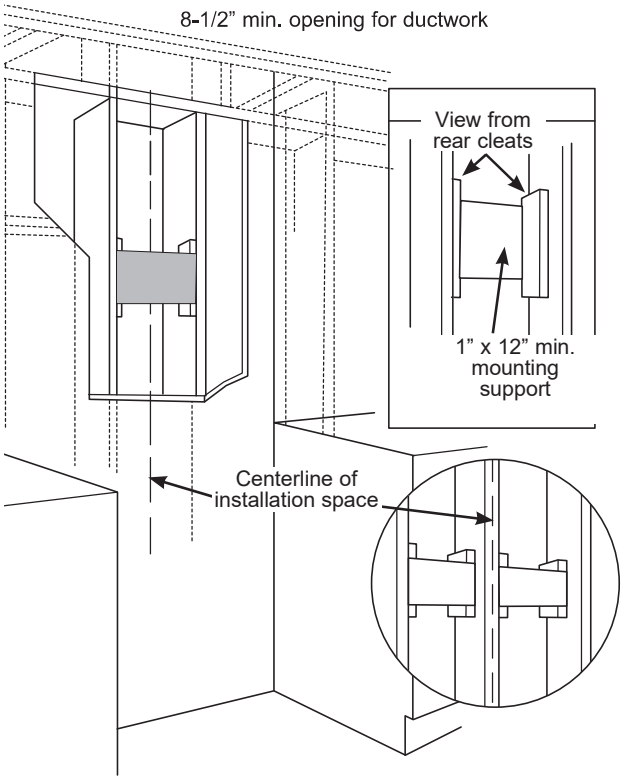
- Use a level to draw a line straight up from the centerline on the template.
- Measure at least 27-3/4” above the pencil line that indicates the bottom installation height, to the centerline of an 8-1/2” dia. duct hole. (Hole may be elongated for duct elbow.)

HOUSE WIRING LOCATION:

- The junction box is located on the top left side of the hood.
- Wiring should enter the back wall at least 18” above the bottom of the hood and within 5” of the left side of the centerline.

STEP 1: INSTALL FRAMING FOR HOOD SUPPORT

IMPORTANT: Framing must be capable of supporting 100 lbs.



If drywall is present, mark the screw hole locations for the top mounting brackets. Remove the template.

- Cut away enough drywall to expose 2 vertical studs at the bracket location indicated on the template.
- Install a horizontal support at least 1” x 12” between two wall studs at the mounting screw location. The horizontal support must be flush with the room side of the studs. Use cleats behind both sides of the support to secure to wall studs.

NOTE: 2 horizontal supports will be needed if there is a stud located between the horizontal screw locations (see figure).

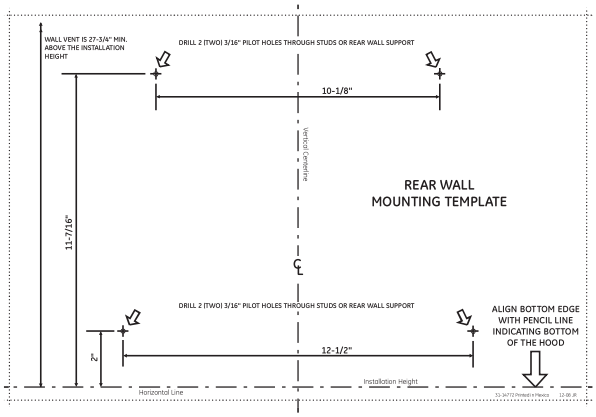
IMPORTANT: Reinstall drywall for an even mounting surface.

INSTALLATION - VENTED TO THE OUTSIDE (Cont.)

STEP 2: INSTALL HOOD MOUNTING SCREWS

The two upper mounting screws must enter the horizontal support or wall studs.

- With the template taped in place, use a punch to mark mounting bracket screw locations.
- Drill 1/8” pilot holes in 4 of the punched locations in the lower bracket. If the bottom 2 pilot holes do not enter wood, enlarge the holes to 3/8” and install metal wall fastener anchors (provided).
- Remove the template.



- Install the 2 top mounting screws, leave 1/4” gap between the screw head and the wall. This will allow the keyhole slot on the hood frame to engage the screw head.

IMPORTANT: Use the mounting screws provided.

DO NOT USE DRYWALL SCREWS.

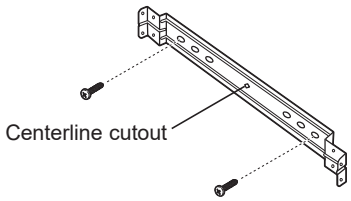
- Check to be sure the mounting screws are horizontally level.

STEP 3: INSTALL DUCT BRACKET

The duct bracket should be installed against the back wall and flush with the ceiling; the point where the ceiling meets the wall should be level for the bracket and duct cover to fit flush. This bracket will hold the duct cover in place at the top.

Secure the bracket to the wall:

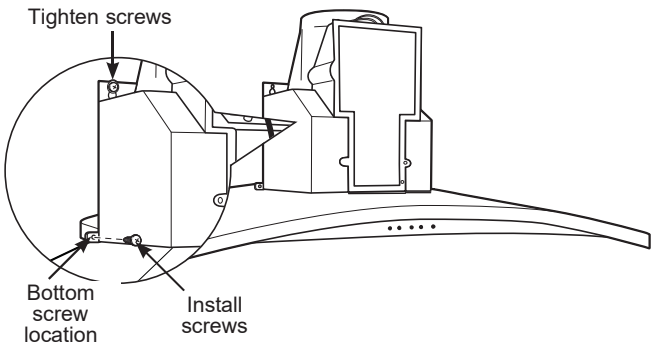
- Align the diamond centerline cutout on the bracket with the penciled centerline on the wall.
- Mark 2 screw hole locations in the wall.
- Drill 1/8” pilot holes in the marked locations.
- If pilot holes do not enter wood studs, enlarge the holes to 3/8” and install metal wall fastener anchors (provided).
- If mounting directly to a masonry wall, obtain appropriate #10 masonry screw anchors. Drill and install per the fastener supplier’s instructions.
- Drive screws, by hand, into the fasteners to allow anchors to expand. Remove the screws.
- Secure the bracket to the wall with wood screws and/or fasteners.



STEP 4: MOUNT THE HOOD

⚠WARNING 2 people are required to lift and position the hood onto the mounting screws.

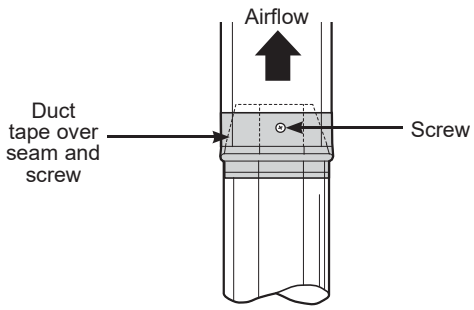
- Lift the hood onto the mounting screws.
- If using a wall fastener, make sure the washer is in front of the flange and not behind it. Check with a level before tightening the screws.
- Install lower screws to pull the hood tight against the wall.



INSTALLATION - VENTED TO THE OUTSIDE (Cont.)

STEP 5: CONNECT DUCTWORK

- Remove shipping tape from the damper.
- Install ductwork, making connections in the direction of airflow as illustrated.
- Push duct over the exhaust outlet and damper.
- Secure joints in ductwork with sheet metal screws.
- Wrap all duct joints and the flange connections with aluminized duct tape for an airtight seal.



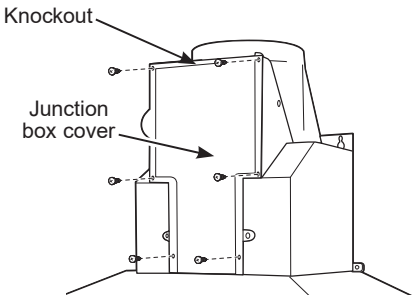
⚠CAUTION Do not use sheet metal screws at the hood flange connection. Doing so will prevent proper damper operation. Seal connection with tape only.

STEP 6: CONNECT ELECTRICAL

Verify that power is turned off at the source.

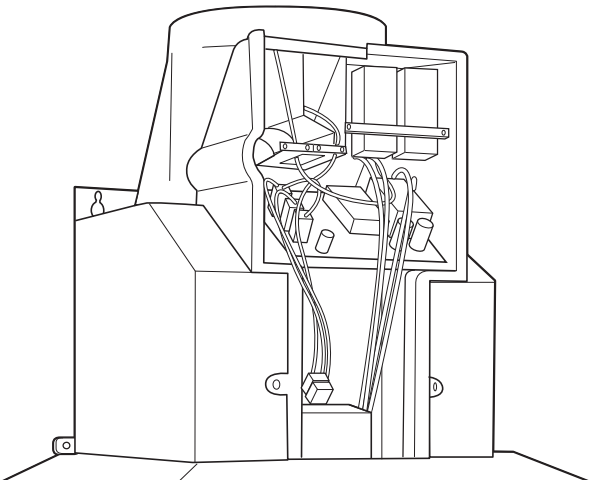
⚠WARNING If house wiring is not 2-wire with a ground wire, a ground must be provided by the installer. When house wiring is aluminum, be sure to use U.L. approved anti-oxidant compound and aluminum-to-copper connectors.

- Remove the 6 screws on the junction box cover and the knockout on the top left side.



STEP 6: CONNECT ELECTRICAL (cont.)

- Secure the house wiring to the junction box with a strain relief (not provided).

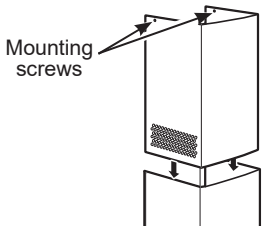


- Connect the white lead to the branch circuit white lead.
- Connect the black lead to the branch circuit black lead.
- Connect the green/yellow lead to the branch circuit green lead or bare ground lead.
- Secure all the connections with wire nuts on each electrical connector.
- Push the wires into the junction box and replace the cover. Be sure the wires are not pinched.
- Secure the junction box cover with the 6 original screws.

INSTALLATION - VENTED TO THE OUTSIDE (Cont.)

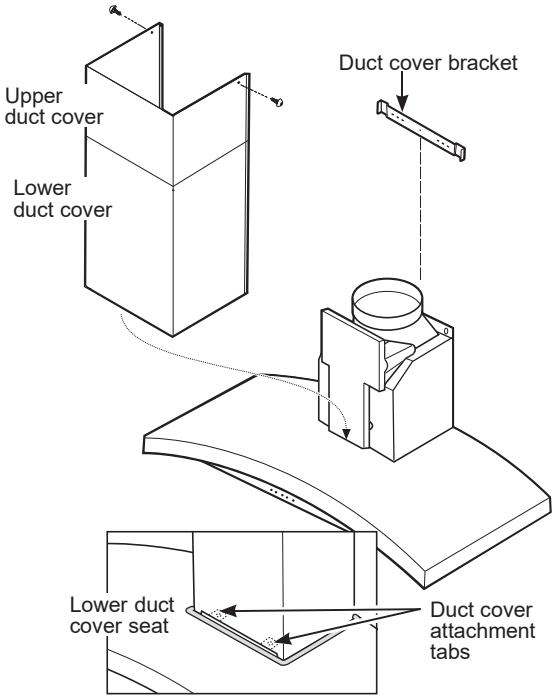
STEP 7: INSTALL DUCT COVERS

- Remove protective plastic covering.
- Assemble duct covers according to application.

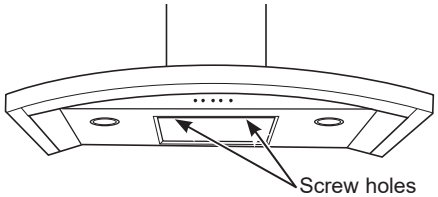


NOTE: The inside duct cover has vent holes on one end. The holes are intended for use when the hood is installed for recirculating purposes. Slide the upper duct cover into the folded ends of the lower duct cover.

- Place the decorative duct covers on top of the hood.



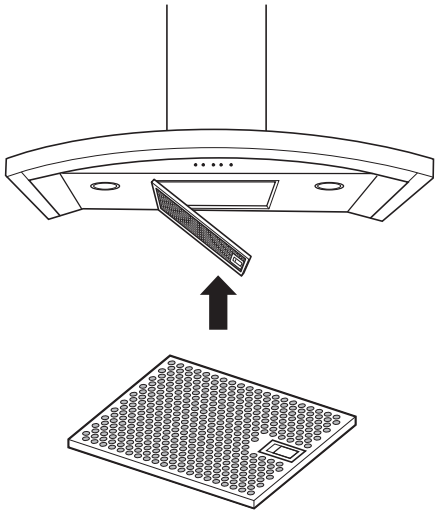
- Extend the inner duct cover upward to the ceiling bracket.
- Secure with 2 screws to the duct cover bracket.



- Remove the packing material from the filter opening.
- Locate the screw holes on the inside front edge of the opening. Install 2 screws to secure the lower duct cover to the hood.

STEP 8: INSTALL METAL GREASE FILTER

- Remove the protective film on the grease filter. **NOTE:** The charcoal filter is not required for this installation.
- Fit the tabs at the end of the filter into the slots in the left side of the filter opening. Lift up the right side of the filter and push gently until the filter locks into place. Make sure the filter lock is in the closed position to secure the filter.
- To remove the filter, pull downward on the filter lock to release.



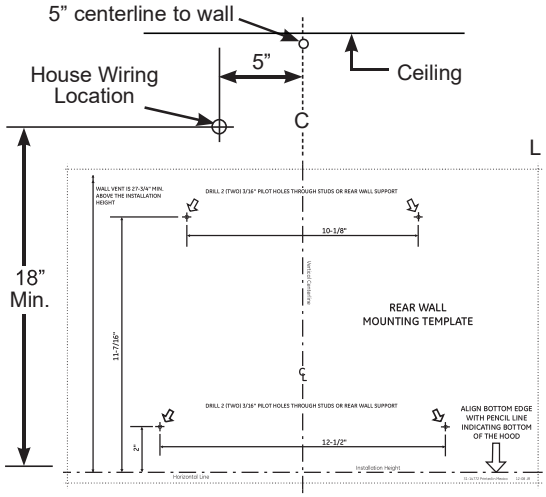
STEP 9: FINALIZE INSTALLATION

- Check to be sure all tape and packaging materials have been removed.
- Refer to the Operating Instructions in this manual to operate the hood.

INSTALLATION - RECIRCULATING

DUCTWORK, WIRING LOCATIONS

- Determine the exact location of the vent hood.
- Locate the template packed with the literature.
- Measure from the floor to the top of the cooking surface. Add hood installation height determined on pages 8 and 13. Mark that location.
- Tape the template in position along the penciled line. CHECK TO BE SURE THE TEMPLATE IS LEVEL.
- Use a level to draw a line straight up, from the centerline on the template to the ceiling.

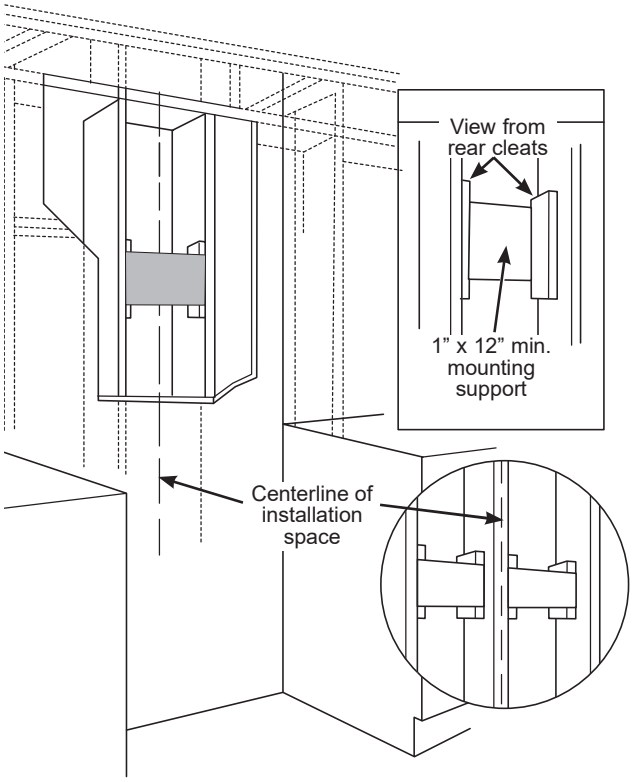


HOUSE WIRING LOCATION:

- The junction box is located on the top left side of the hood.
- Wiring should enter the back wall at least 18” above the bottom of the hood, and within 5” of the centerline.

STEP 1: INSTALL FRAMING FOR HOOD SUPPORT

IMPORTANT: Framing must be capable of supporting 100 lbs.



If drywall is present, mark the screw hole locations for the top mounting brackets. Remove the template.

- Cut away enough drywall to expose 2 vertical studs at the bracket location indicated on the template.
- Install a horizontal support at least 1” x 12” between two wall studs at the mounting screw location. The horizontal support must be flush with the room side of the studs. Use cleats behind both sides of the support to secure to wall studs.

NOTE: 2 horizontal supports will be needed if there is a stud located between the horizontal screw locations (see figure).

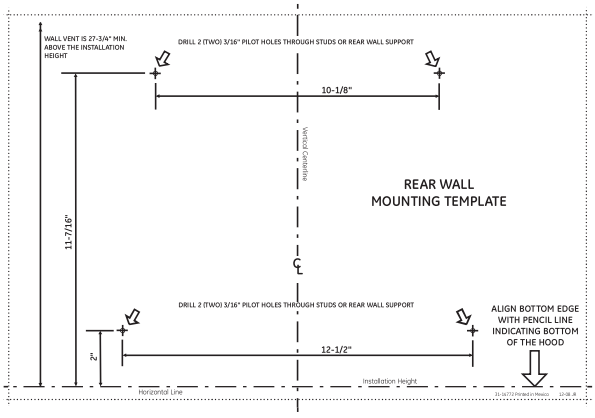
IMPORTANT: Reinstall drywall for an even mounting surface.

INSTALLATION - RECIRCULATING (Cont.)

STEP 2: INSTALL HOOD MOUNTING SCREWS

The mounting screws must enter the horizontal support or wall studs.

- With the template taped in place, use a punch to mark mounting bracket screw locations.
- Drill 1/8” pilot holes in 4 of the punched locations in the lower bracket. If the bottom 2 pilot holes do not enter wood, enlarge the holes to 3/8” and install metal wall fastener anchors (provided).
- Remove the template.
- Install the 2 top mounting screws; leave 1/4” gap between the screw head and the wall. This will allow the keyhole slot on the hood frame to engage the screw head.



IMPORTANT: Use the mounting screws provided. DO NOT USE DRYWALL SCREWS.

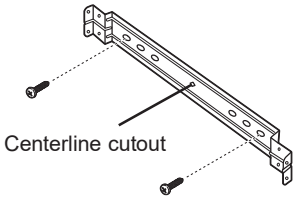
- Check to be sure the mounting screws are horizontally level.

STEP 3: INSTALL DUCT BRACKET AND DEFLECTOR

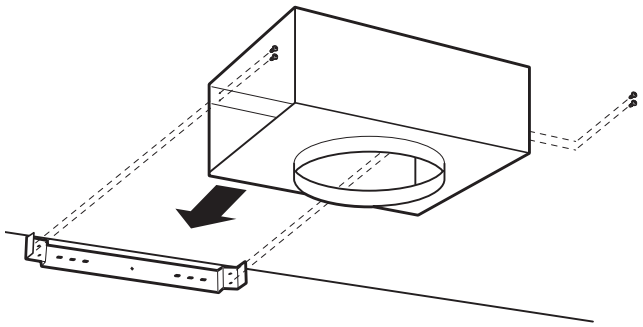
The duct bracket should be installed against the back wall and flush with the ceiling; the point where the ceiling meets the wall should be level for the bracket and duct cover to fit flush. This bracket will hold the duct cover in place at the top.

Secure the bracket to the wall:

- Align the diamond centerline cutout on the bracket to the penciled centerline on the wall.
- Mark 2 screw hole locations in the wall.
- Drill 1/8” pilot holes in the marked locations.
- If pilot holes do not enter wood studs, enlarge the holes to 3/8” and install metal wall fastener anchors (provided).
- If mounting directly to a masonry wall, obtain appropriate #10 masonry screw anchors. Drill and install per the fastener supplier’s instructions.
- Drive screws, by hand, into the fasteners to allow anchors to expand. Remove the screws.
- Secure the bracket to the wall with wood screws and/or fasteners.



- Assemble the air deflector accessory to the duct cover bracket with the 4 assembly screws provided. DO NOT tighten screws. This is a temporary installation.

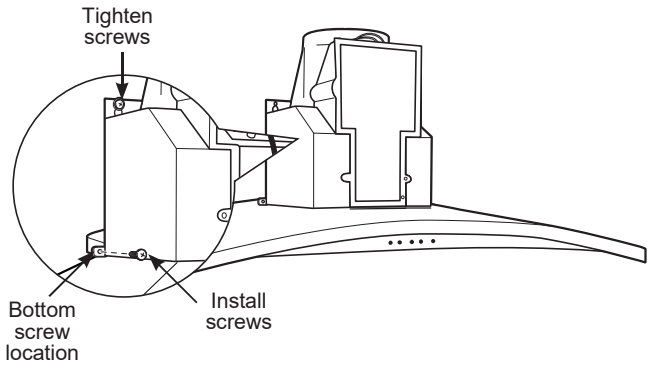


INSTALLATION - RECIRCULATING (Cont.)

STEP 4: MOUNT THE HOOD

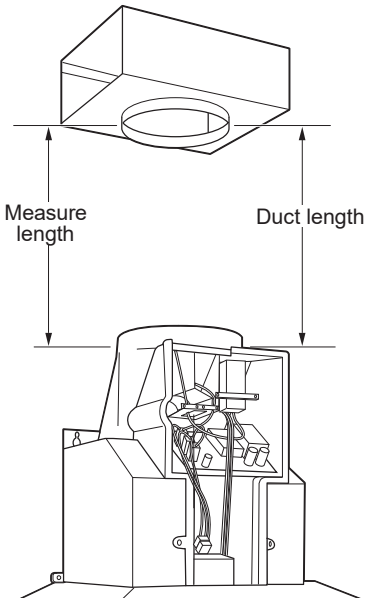
⚠WARNING 2 people are required to lift and position the hood onto the mounting screws.

- Lift the hood onto the mounting screws.
- If using a wall fastener, make sure the washer is in front of the flange and not behind it. Check with a level before tightening screws.
- Install lower screws to pull the hood tight against the wall.

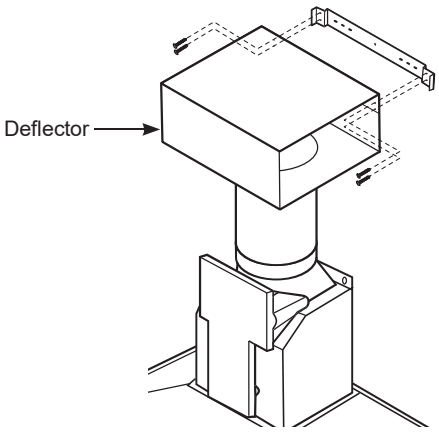


STEP 5: SIZE AND CUT DUCT PIECE

- Measure from the bottom of the air deflector to the top of the hood as shown. Reduce that dimension by 1” to facilitate installation. The duct will cover and overlap the deflector and the exhaust outlet in the hood.
- Remove the air deflector from the duct cover bracket.



- Cut the duct piece to size and slip onto the bottom of the deflector.
- Place the assembled deflector and duct over the exhaust outlet.
- Hold the assembly against the duct bracket.
- Drive 2 screws into each side of the bottom of the deflector and into the bracket.
- Use duct tape to seal duct to the deflector and at the exhaust outlet.



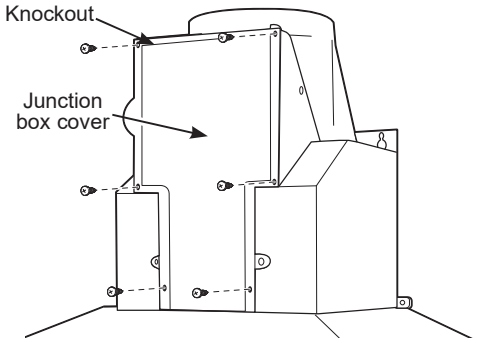
INSTALLATION - RECIRCULATING (Cont.)

STEP 6: CONNECT ELECTRICAL

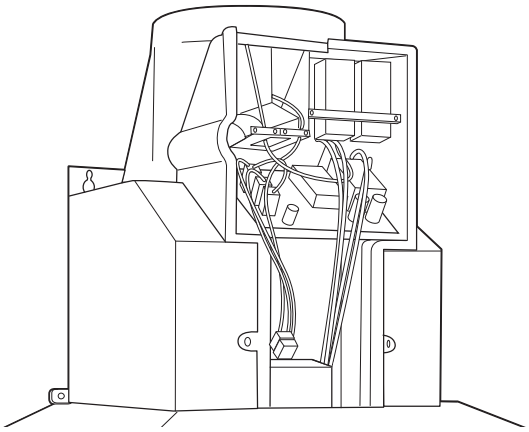
Verify that power is turned off at the source.

⚠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.

- Remove the 6 screws on the junction box cover and the knockout on the top left side.



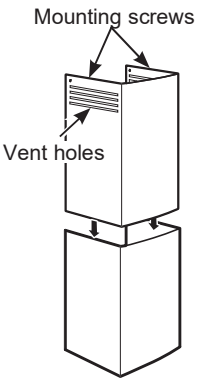
- Secure the house wiring to the junction box with a strain relief.



- Connect the white lead to the branch circuit white lead.
- Connect the black lead to the branch circuit black lead.
- Connect the green/yellow lead to the branch circuit green lead or bare ground lead.
- Secure all the connections with wire nuts on each electrical connector.
- Push the wires into the junction box and replace the cover. Be sure the wires are not pinched.
- Secure the junction box cover with the 6 original screws.

STEP 7: INSTALL DUCT COVERS

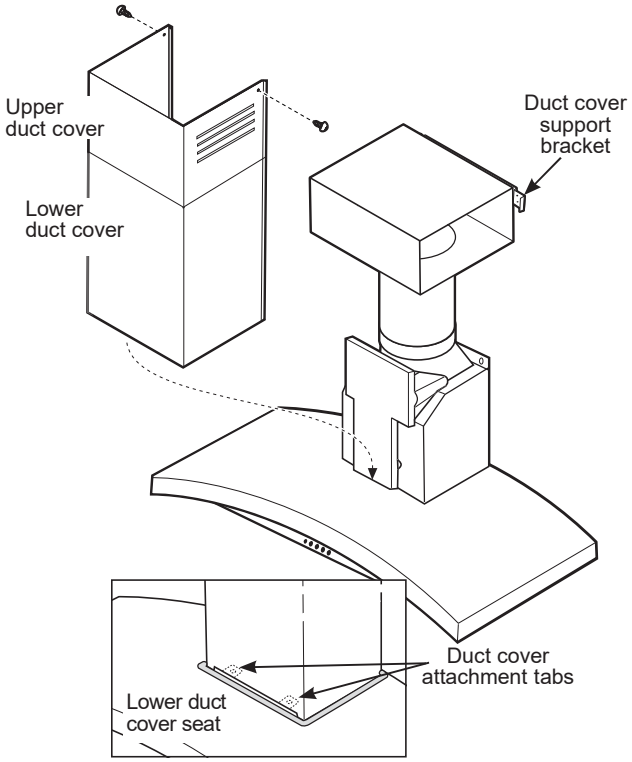
- Remove protective plastic covering.
- Assemble duct covers according to application.



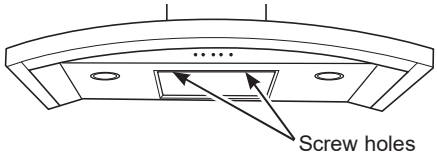
NOTE: The upper duct cover has vent holes on one end intended for use when the hood is installed for recirculating purposes. Be sure the vented end is at the top; the vent holes will be visible in this installation.

Slide the upper duct cover into the folded ends of the lower duct cover.

- Place the decorative duct covers on top of the hood.



- Extend the inner duct cover upward to the ceiling bracket.
- Secure with 2 screws to the duct cover bracket.
- Remove the packing material from the filter opening.



- Locate the screw holes on the inside front edge of the opening. Install 2 screws to secure the lower duct cover to the hood.

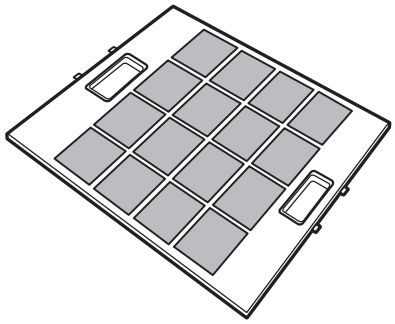
Installation Instructions

INSTALLATION - RECIRCULATING (Cont.)

STEP 8: INSTALL FILTERS

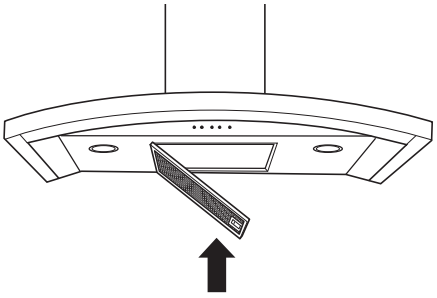
Charcoal Filter

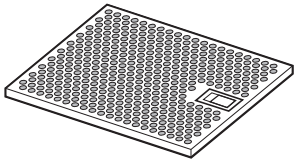
Insert the charcoal filter into the opening. Push the latch on both sides toward the center and engage the flange.



Metal Grease Filter

- Remove the protective film on the grease filter.
- Fit the tabs at the end of the filter into the slots in left side of the filter opening. Lift up the right side of the filter and push gently until the filter locks into place. Make sure the filter lock is in the closed position to secure the filter.
- To remove the filter, pull downward on the filter lock to release.





STEP 9: FINALIZE INSTALLATION

- Remove all tape and packaging materials.
- Refer to the Operating Instructions in this manual to operate the hood.