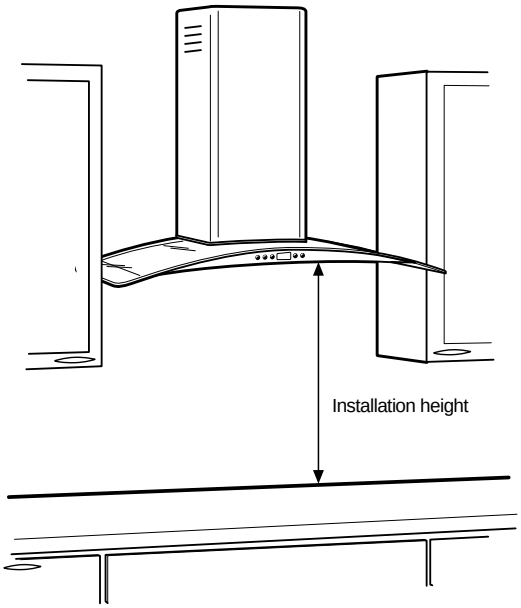


Installation height: 30” gas cooktop/range or 24” to 30” electric cooktop/range.
The hood may be installed onto a wall and vented to the outdoors, or it can be installed for recirculating operation (recirculating accessories not supplied with the hood).

This hood can be installed over any electric and gas cooktop/ range. It can not be installed over any professional cooktop / range.

Installing preparation

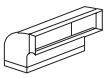
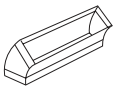
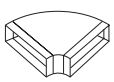
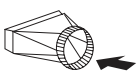
Advance planning

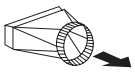
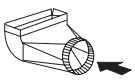
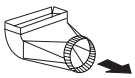
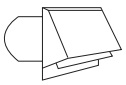
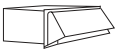
- Determine the exact location of the vent hood.
- Plan the route for venting exhaust to the outdoors.
- Use the shortest and straightest duct route possible. For satisfactory performance duct run should not exceed 100’ equivalent length for any duct configurations.
- Refer to “Duct Fittings” chart to compute the maximum permissible length for duct runs to the outdoors.
- Install a wall cap with damper or roof cap at the exterior opening. Order the wall or roof cap and any transition needed in advance.
- Use 8” round metal ductwork only.

Wall framing for adequate support

- This vent hood is heavy. Adequate structure and support must be provided in all types of installations. The hood must be secure to vertical studs in the wall, or to a horizontal support.
- The vent hood should be on site before final framing and wall finishing. This will help to accurately locate the duct work and electrical service.
- Installation will be easier if the vent hood is installed before the cook-top and countertop are installed.

Duct Fittings

Duct pieces		Equivalent number lenght x used =		Total
	6” Round, straight	1 Ft.	x ( ) =	Ft.
	3¼”x10” Rect., straight	1 Ft.	x ( ) =	Ft.
	6” Round, 90° elbow	15 Ft.	x ( ) =	Ft.
	6” Round, 45° elbow	8 Ft.	x ( ) =	Ft.
	3¼” x 10” Rect. 90° elbow	11 Ft.	x ( ) =	Ft.
	3¼” x 10” Rect. 45° elbow	6 Ft.	x ( ) =	Ft.
	3¼” x 10” Rect. 90° flat elbow	24 Ft.	x ( ) =	Ft.
	6” round to 3¼” x 10” rect. transition	1 Ft.	x ( ) =	**Ft.**

Duct pieces		Equivalent number lenght x used =		Total
	3¼” x 10” Rect.to 6” round transition	8 Ft.	x ( ) =	Ft.
	6” round to 3¼” x 10” rect. transition 90° elbow	16 Ft.	x ( ) =	**Ft.**
	3¼” x 10” Rect.to 6” round transition 90° elbow	17 Ft.	x ( ) =	Ft.
	6” Round wall cap with damper	30 Ft.	x ( ) =	**Ft.**
	3¼” x 10” Rect. wall cap with damper	30 Ft.	x ( ) =	Ft.
	7” - 10” Round, roof cap	26 Ft.	x ( ) =	**Ft.**
			Total Duct Run	

DUCT FITTINGS: Use this chart to compute maximum permissible lenghts for duct runs to outdoors.
NOTE: Do not exceed maximum permissible equivalent lenghts!

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.

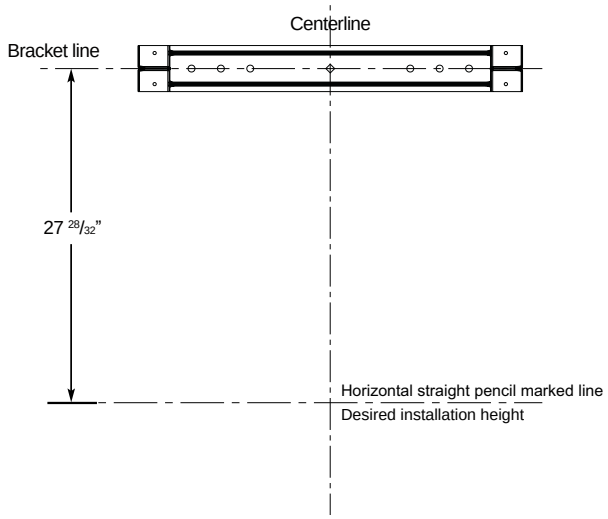
DO NOT use flexible plastic ducting.

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 an 8" Round Duct.

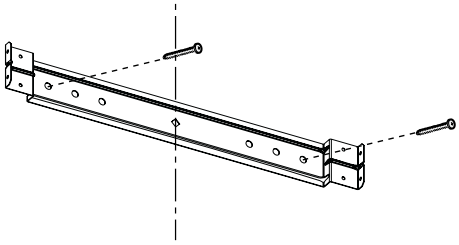
Mounting the duct cover bracket

Option A - Fixed heigh duct cover
- From the horizontal line traced in the previous section, trace a horizontal parallel line as shown below.
- Center the bracket in the top horizontal line and align it with the centerline, as described in the followinG drawing.



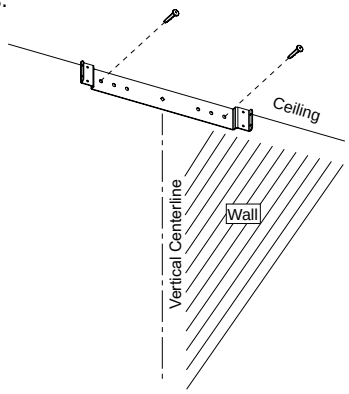
Mark screw holes locations in the wall.

IMPORTANT. Check to be sure that holes locations are leveled, and correctly centered by the vertical centerline.
Drill 5/16" pilot holes in the marked locations.
Install wall fastener anchors.
Drive wood screws, by hand, into the fasteners to allow anchors to expand. Remove screws.
Secure the bracket to the wall with wood screws and/or fasteners.



Option B - Telescopic duct cover
The duct bracket should be installed against the back wall and flush with the ceiling. This bracket will hold the duct cover in place at the top (this a extra accessory available not included with the hood).

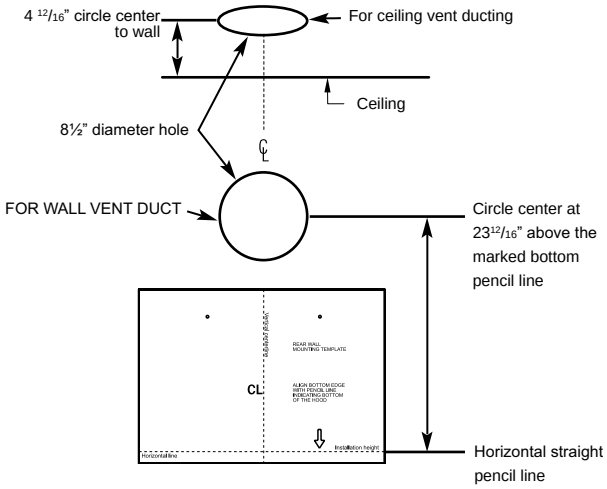
Secure the bracket to the wall:
- Align the marked centerline on the bracket with the centerline on the wall.
- Mark 2 screw hole locations in the wall.
- Drill 5/16" pilot holes in the marked locations.
- Install wall fastener anchors.
- Drive wood screws, by hand, into the fastener to allow anchors to expand. Remove the screws.
- Secure the bracket to the wall with wood screws and/or fasteners.



Ceiling ducting
If the duct will vent straight up to the ceiling:
- Use level to draw a line straight up, from the centerline on the template to the ceiling.
- Measure at least 4 -12/16 " from the back wall to the circle center of an 8-½" hole on the ceiling.

Wall ducting
If ductwork will vent to rear:
- Use a level to draw a line straight up from the centerline on the template.
- Measure at least 23 - 12/16" (the measure might vary dependig on the elbow used) above the pencil line that] indicates the bottom installation height, to the circle center of an 8-½" diameter duct hole (Hole may be elongated for duct elbow).

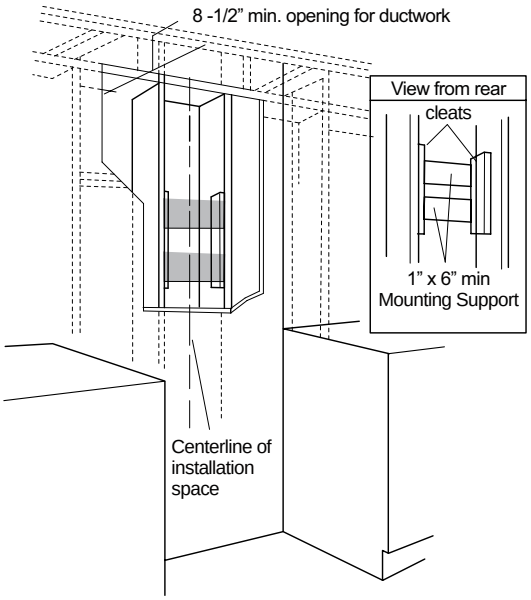
House wiring location
- The junction box is located on the top left side of the hood.
- Wiring should enter the back wall at least 20" above the bottom of the installation height, and within 5-7/8" and 4-7/8"of the left side of the centerline.



Install framing for hood support

- If drywall is present, mark the screw hole locations. Remove the template.
- Cut away enough drywall to expose 2 vertical studs at the holes location indicated by the template. Install two horizontal supports at least 4 X 2" between two wall studs at the bottom and upper mounting holes installation 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.
- Reinstalll drywall and refinish

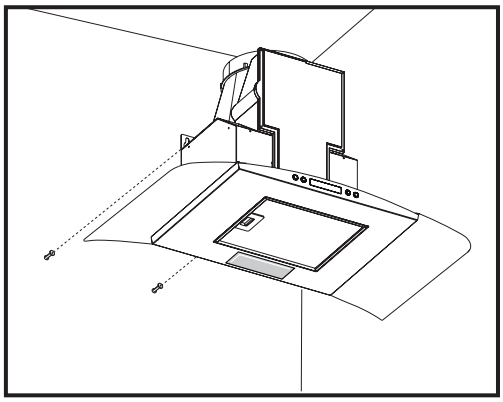
IMPORTANT- Framing must be capable of supporting 100 lbs.



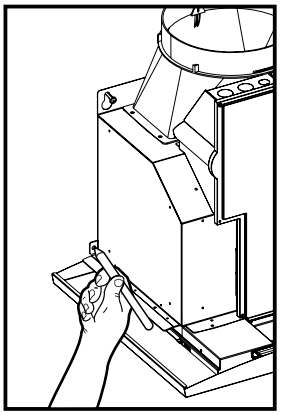
Mounting the hood

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

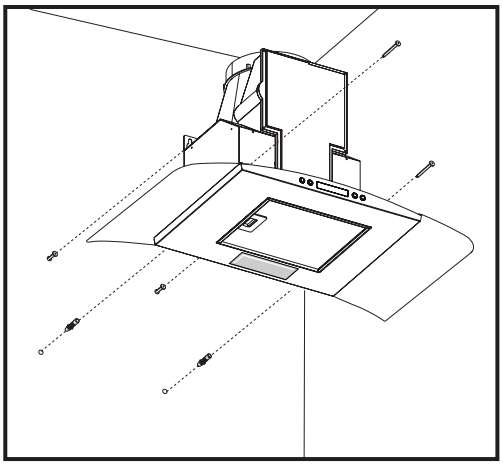
- Place the template on the wall along the horizontal line, make sure the template is leveled and centered with the centerline.
- Mark "upper" screw holes locations in the wall.
- IMPORTANT. Check to be sure that hole locations are leveled and correctly centered by the vertical centerline.
- Drive "upper" wood screws by hand. Leave ¼ " of distance between the screw head and the wall.
- Remove the grease filter and mount the hood onto the "upper" screws.



- Mark "lower" wood screw holes locations in the wall using a pencil.

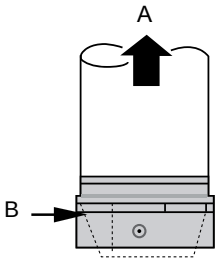


- Remove the hood.
- Drive "lower" wood screws, by hand. Remove screws.
- Mount the hood onto the "upper" screws.
- Drive and tighten the "upper" wood screws, by hand.
- Drive and tighten the "lower" wood screws, by hand.



Connecting the ductwork

- Install ductwork, making connections in the direction of airflow as illustrated.
- Push duct over the exhaust outlet.
- Wrap all duct joinzts and the flange connections with duct tape for an airtight seal.
- Make the same connection in the wall or ceiling vent exit.



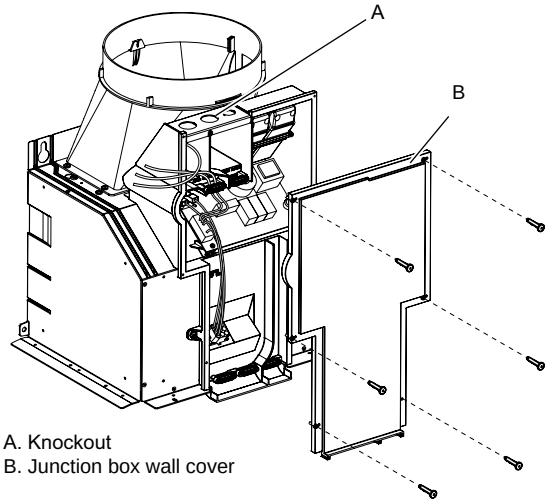
A. Airflow
B. Duct tape over seam

Electrical connection

WARNING
Electrical Shock Hazard
Warning: Turn off power circuit at the service panel before wiring this unit.
120 VAC, 15 or 20 Amp circuit required.

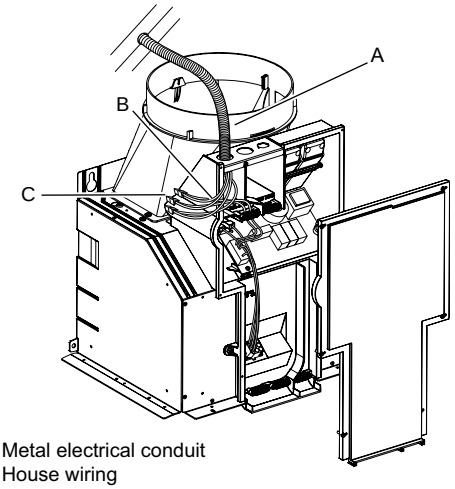
ELECTRICAL GROUNDING INSTRUCTIONS
THIS APPLIANCE IS FITTED WITH AN ELECTRICAL JUNCTION BOX WITH 3 WIRES, ONE OF WHICH (GREEN/YELLOW) SERVES TO GROUND THE APPLIANCE. TO PROTECT YOU AGAINST ELECTRIC SHOCK, THE GREEN AND YELLOW WIRE MUST BE CONNECTED TO THE GROUNDING WIRE IN YOUR HOME ELECTRICAL SYSTEM, AND IT MUST UNDER NO CIRCUNSTANCES BE CUT OR REMOVED.
Failure to do so can result in death or electrical shock.

Facing the front of the range hood, remove the left knockout and the Junction box cover and install the conduit connector (cULus listed) in junction box.



A. Knockout
B. Junction box wall cover

- If not already done, install 1/2” conduit connector in jbox.



A. Metal electrical conduit
B. House wiring
C. U.L. listed nuts

Electrical connections:
- To connect the “Neutral”, joint by a wire nut the white wire (from the conduit) to the white wire from the junction box.
- To connect the “Line”, joint by a wire nut the black wire (from the conduit) to the black wire from the junction box.
- To connect the “Ground”, joint by a wire nut the Green Yellow wire (from the conduit) to the Green/Yellow wire from the junction box.
- Push wires into junction box.
  IMPORTANT: Be sure wires are not pinched
- Secure junction box cover with original screws.

Mounting the duct cover
- Position the duct cover over the mounted hood.
- Slide the bottom of the duct into the glass area.
- Position the top of the duct over the duct mounting bracket. If a telescopic duct cover is used, grab the upper part of the telescopic duct cover, pull it and place it in the duct cover mounting bracket.
- Secure the top of the duct with 2 assembly screws provided.
- Secure the bottom of the duct with 2 assembly screws provided.