

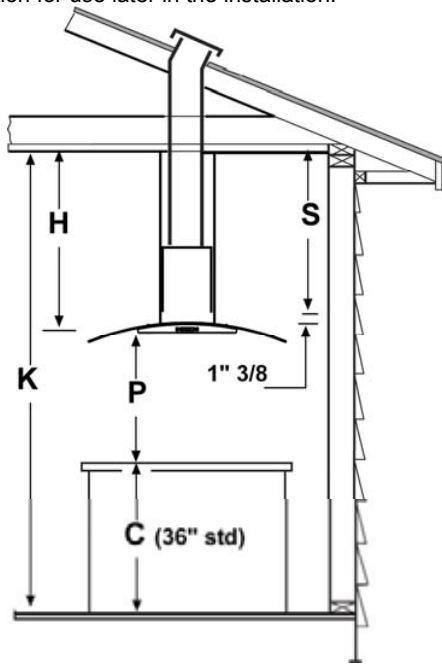
# Installation

## Installation - Ducting version

### 1. Pre-installation calculations

- K** = Kitchen Height
- C** = Counter Height (36" standard)
- P** = Preferred Height of Hood  
Bottom above counter
- H** = Hood height your installation
- $H = K - C - P$
- S** = Chimney Structure Height, your installation.
- $S = H - 1" \frac{3}{8}$ .

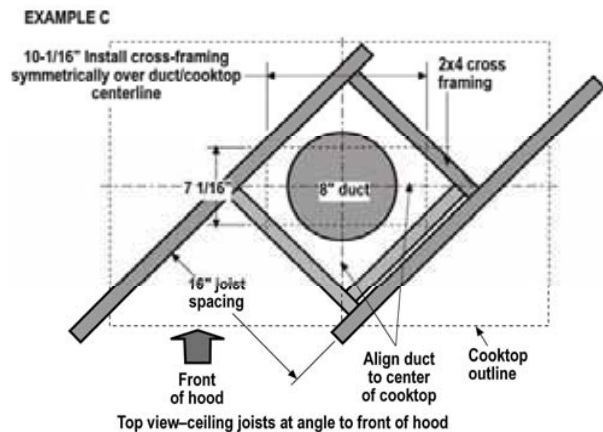
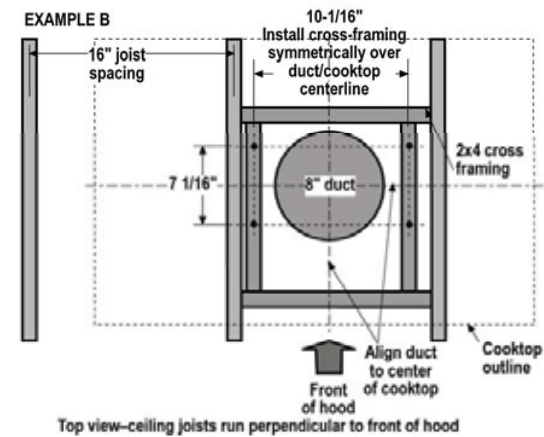
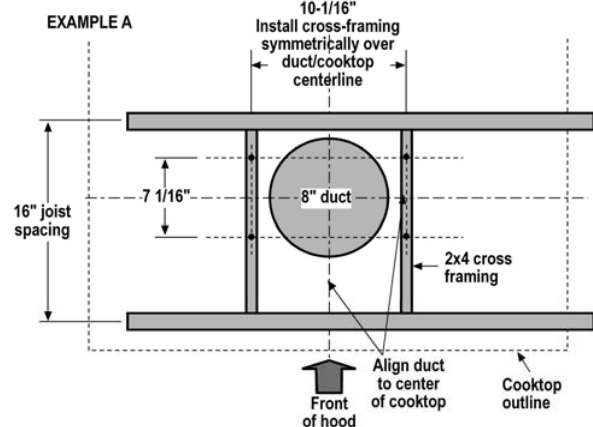
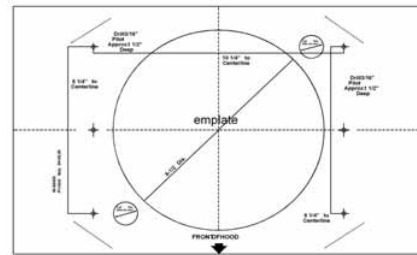
- a) Select a hood preference height **P** that is comfortable for the user.
- b) Calculate Hood height your installation  $H = K - C - P$ .
- c) Confirm that **H** is within the range of min to max **H** found for your model (See "Dimensions and clearances" paragraph). If not adjust your installation.
- d) Calculate Chimney structure height **S**. Save this calculation for use later in the installation.



### Ceiling Support Structures

- This vent hood is heavy. Adequate structure and support must be provided in all types of installations.
- At the hood location, install 2"x 4" cross framing between ceiling joists as shown. (2"x 4" are required to support the weight of the hood.)
- Arrange cross framing in the ceiling to suit the existing structure.
- Your ceiling joists will be like one of the following examples.

**IMPORTANT**  
Framing must be capable of supporting 150lbs.



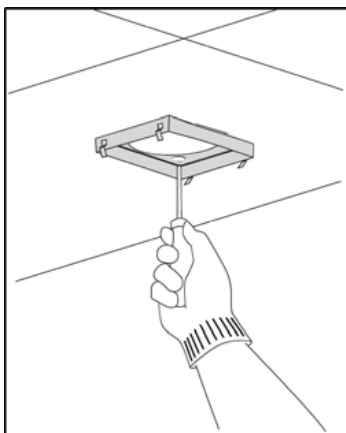
- Place the template in the ceiling considering the instructions for ceiling support structures. Always consider the front of hood legend when playing the template on the ceiling. It will define the control's location.



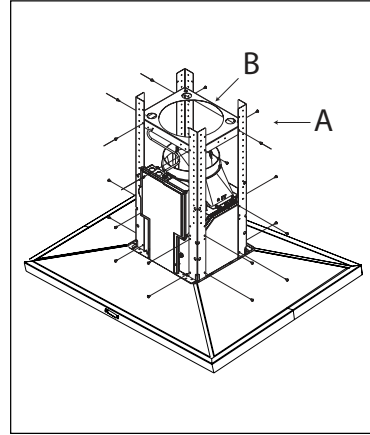
- Mark with a pencil the hole locations for screws and duct in the ceiling.



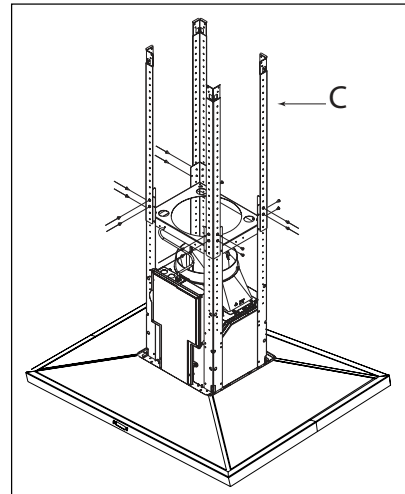
- Fix the upper horizontal support with 4 wood screws.



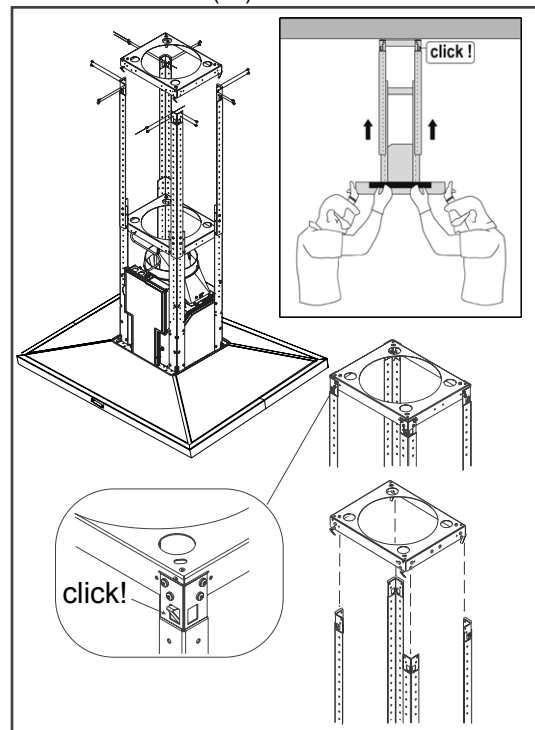
- Attach the 4 lower vertical supports (A) to the hood with 16 screws. Then attach the lower horizontal support (B) with 8 screws (inf).



- Attach the 4 upper vertical supports (sup) (c) with 16 screws to adjust the desired distance.

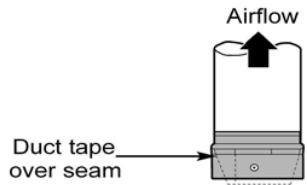


- Attach the assembly to the support fixed on the ceiling. Assure with screws (16).

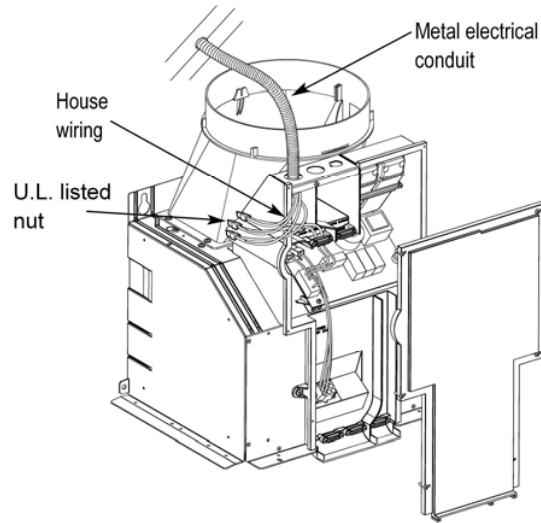


### Connecting the ductwork

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



- If not already done, install 1/2" conduit connector in j-box.



### Electrical connection

#### **WARNING**

#### **Electrical Shock Hazard**

**Warning:** Turn off power circuit at the service panel before wiring this unit.

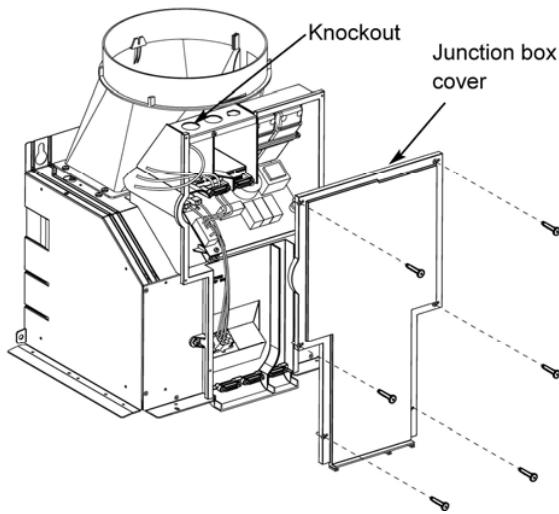
**120 VAC, 15 or 20 Amp circuit required.**

#### **ELECTRICAL GROUNDING INSTRUCTIONS**

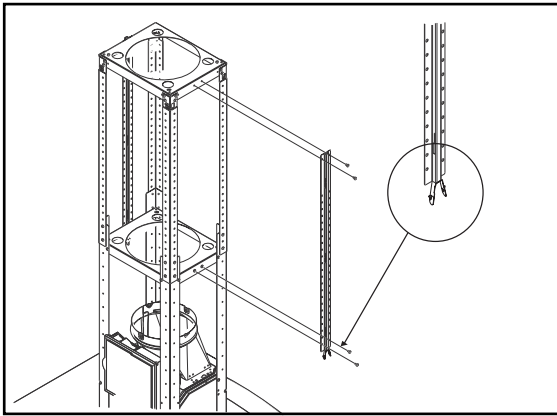
THIS APPLIANCE IS FITTED WITH AN ELECTRICAL JUNCTION BOX WITH 3 WIRES, ONE OF WHICH (GREEN/YELLOW) SERVES TO GROUND THE APPLIANCE. TO PROTECT YOU AGAINST ELECTRIC SHOCK, THE GREEN AND YELLOW WIRE MUST BE CONNECTED TO THE GROUNDING WIRE IN YOUR HOME ELECTRICAL SYSTEM, AND IT MUST UNDER NO CIRCUMSTANCES BE CUT OR REMOVED.

**Failure to do so can result in death or electrical shock.**

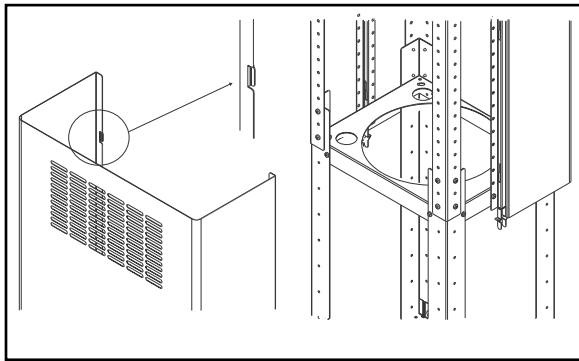
Facing the front of the range hood, remove the left knockout and the Junction box cover and install the conduit connector (cULus listed) in junction box.



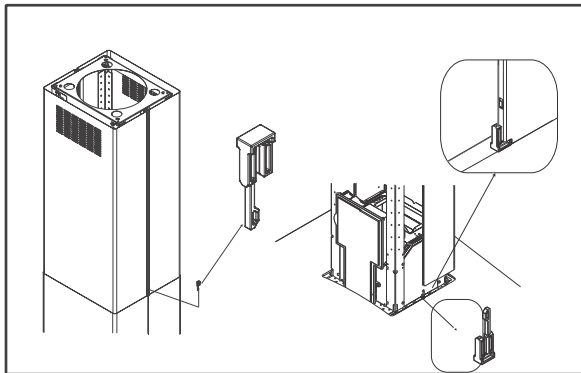
- Attach the vertical duct cover supports using 4 screws.



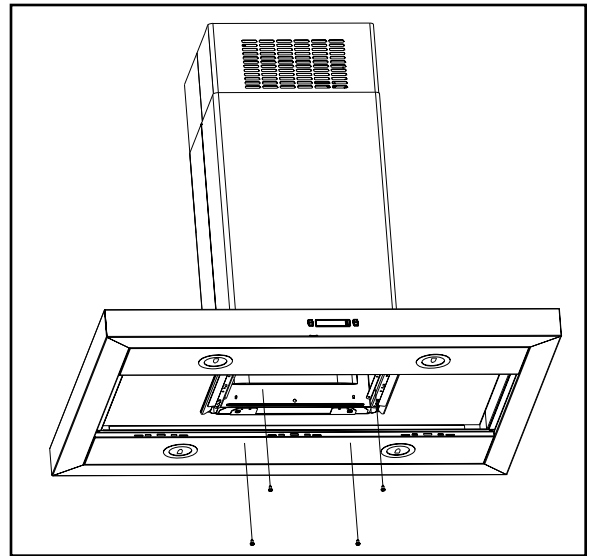
- Place upper duct covers sliding through until spring sounds "click". Then verify.



- Place lower duct covers using one plastic bracket at each vertex (4 needed).



- The lower duct cover shall be secured to rangehood by 4 screws.



Install the grease filter and turn power on at service panel. Check operation of the hood.

**If range hood does not operate:**

- Check that the circuit breaker is not tripped or the house fuse blown.
- Disconnect power supply. Check that wiring is correct.

**To get the most efficient use from your new range hood, read the "Use and Care Information" section.**

**Keep your Installation Instructions and Use and Care Guide close to range hood for easy reference.**

## Installation - Ductless (Recirculating) version

### IMPORTANT

Recirculating kit sold separately.

To purchase it, please dial the following toll free number 1-888-732-8018 and request the KIT02198 for island hoods.

### 1. Pre-installation calculations

**K** = Kitchen Height

**C** = Counter Height (36" standard)

**P** = Preferred Height of Hood  
Bottom above counter

**H** = Hood height your installation

$H = K - C - P$

**S** = Chimney Structure Height, your installation.

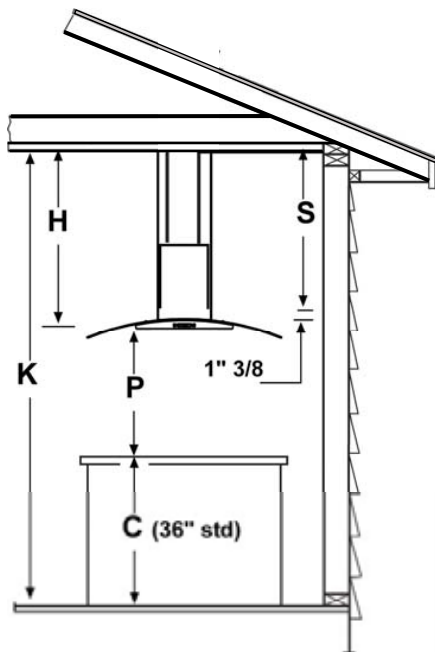
$S = H - 1" \frac{3}{8}$ .

a) Select a hood preference height **P** that is comfortable for the user.

b) Calculate Hood height your installation  $H = K - C - P$ .

c) Confirm that **H** is within the range of min to max **H** found for your model (See "Dimensions and clearances" paragraph). If not adjust your installation.

d) Calculate Chimney structure height **S**. Save this calculation for use later in the installation.

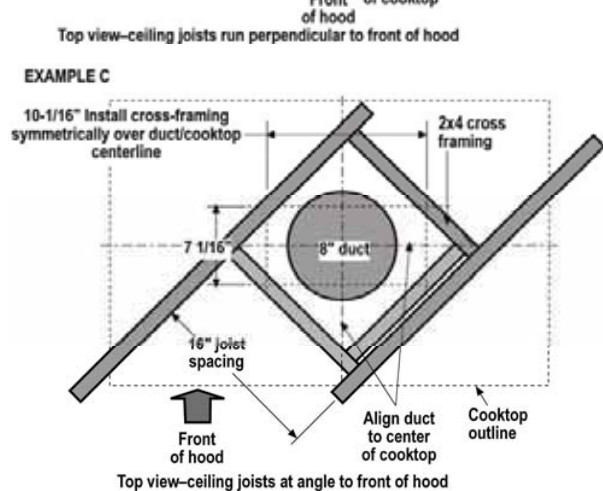
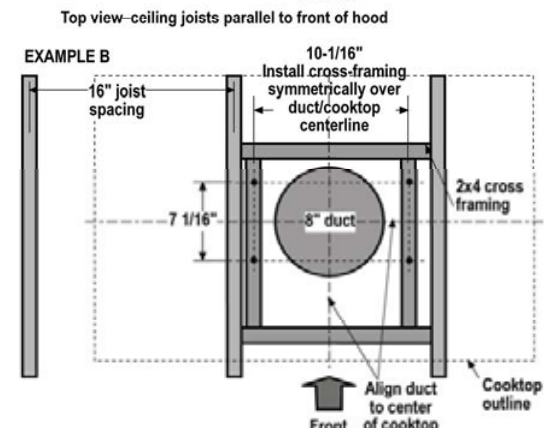
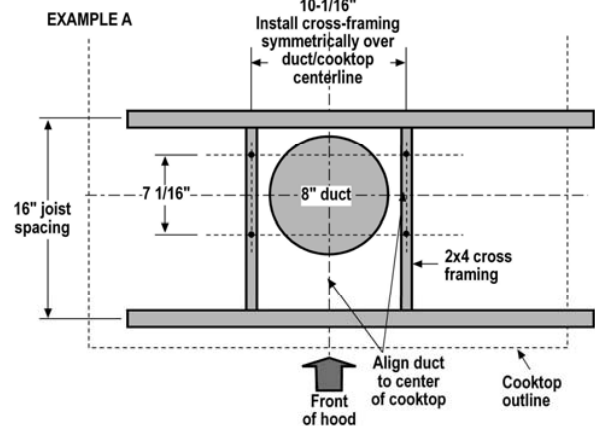
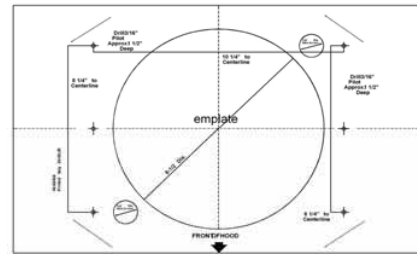


### Ceiling Support Structures

- This vent hood is heavy. Adequate structure and support must be provided in all types of installations.
- At the hood location, install 2"x 4" cross framing between ceiling joists as shown. (2"x 4" are required to support the weight of the hood.)
- Arrange cross framing in the ceiling to suit the existing structure.
- Your ceiling joists will be like one of the following examples.

### IMPORTANT

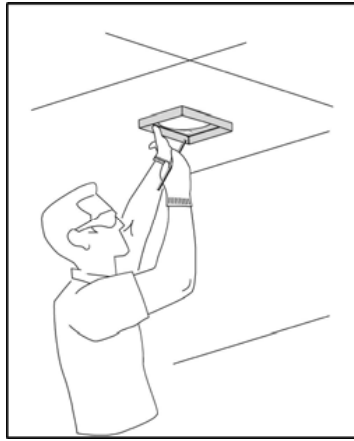
Framing must be capable of supporting 150lbs.



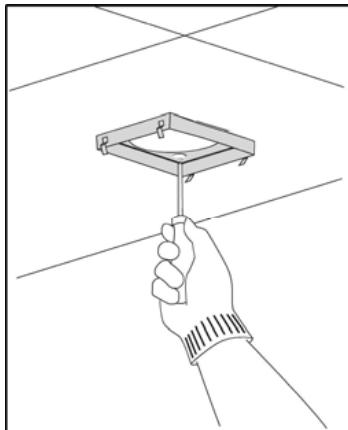
- Place the template in the ceiling considering the instructions for ceiling support structures. Always consider the front of hood legend when playing the template on the ceiling. It will define the control's location.



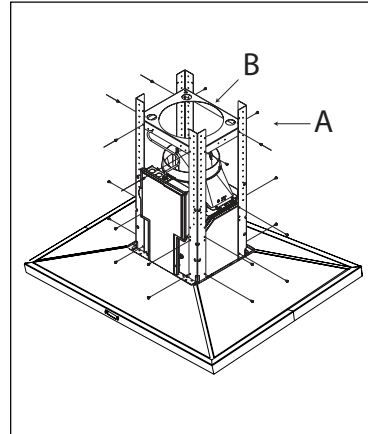
- Mark with a pencil the hole locations for screws and duct in the ceiling.



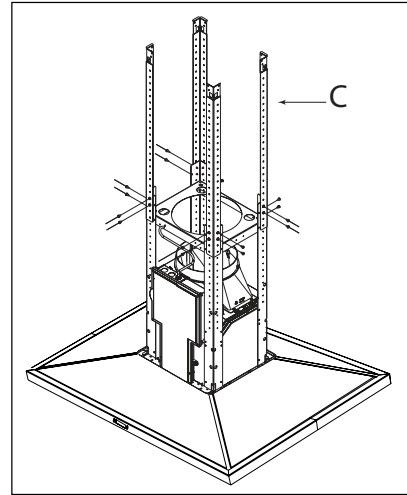
- Fix the upper horizontal support with 4 wood screws.



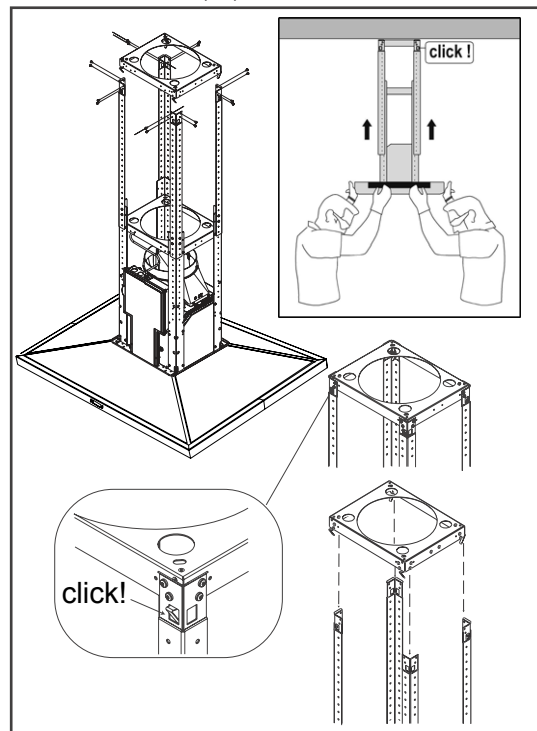
- Attach the 4 lower vertical supports (A) to the hood with 16 screws. Then attach the lower horizontal support (B) with 8 screws (inf).



- Attach the 4 upper vertical supports (sup) (c) with 16 screws to adjust the desired distance.

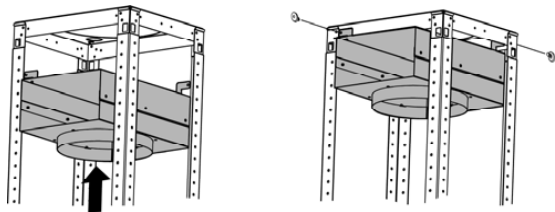


- Attach the assembly to the support fixed on the ceiling. Assure with screws (16).

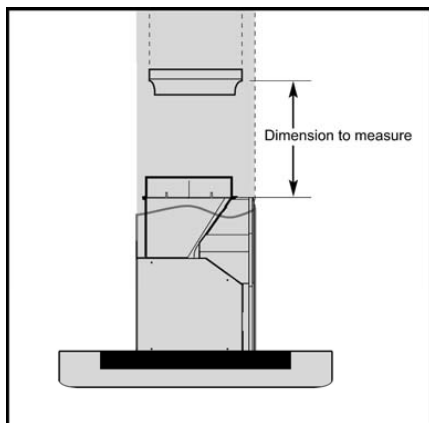


### Air deflector installation

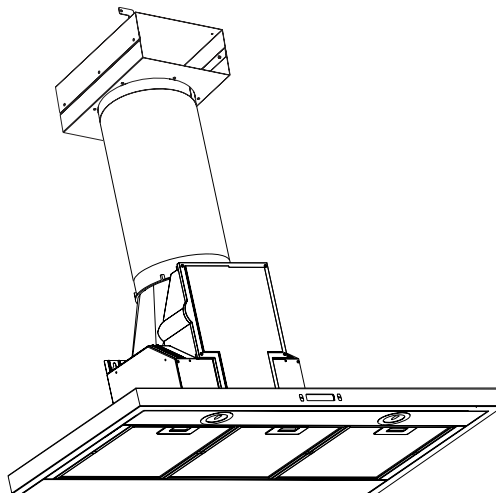
- Assemble the air deflector with the upper horizontal support with 2 assembly screws.



- Measure from the bottom of the air deflector to the bottom of the hood outlet, as shown.



- Cut the duct at the measured size.
- Slip the duct onto the bottom of the deflector.
- Place the duct over the exhaust outlet from the hood.
- Use duct tape to seal the deflector and at the exhaust outlet from the hood.



### Electrical connection

#### **WARNING**

#### **Electrical Shock Hazard**

**Warning:** Turn off power circuit at the service panel before wiring this unit.

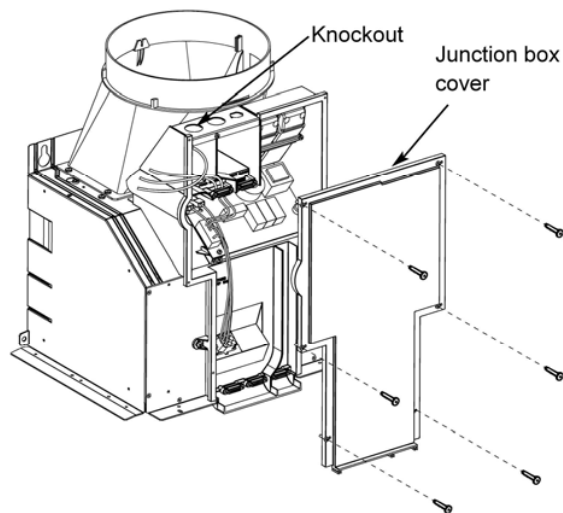
**120 VAC, 15 or 20 Amp circuit required.**

#### **ELECTRICAL GROUNDING INSTRUCTIONS**

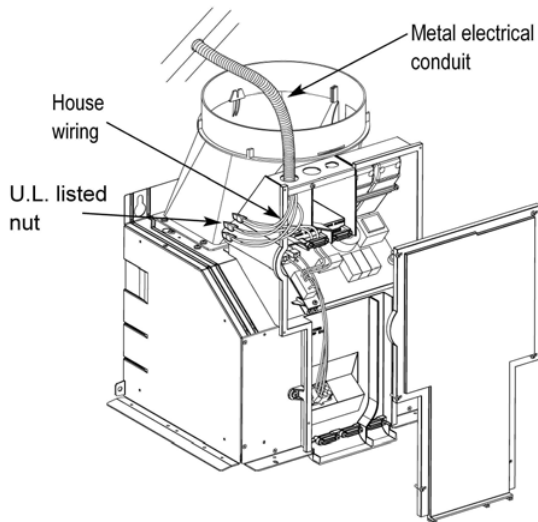
THIS APPLIANCE IS FITTED WITH AN ELECTRICAL JUNCTION BOX WITH 3 WIRES, ONE OF WHICH (GREEN/YELLOW) SERVES TO GROUND THE APPLIANCE. TO PROTECT YOU AGAINST ELECTRIC SHOCK, THE GREEN AND YELLOW WIRE MUST BE CONNECTED TO THE GROUNDING WIRE IN YOUR HOME ELECTRICAL SYSTEM, AND IT MUST UNDER NO CIRCUMSTANCES BE CUT OR REMOVED.

**Failure to do so can result in death or electrical shock.**

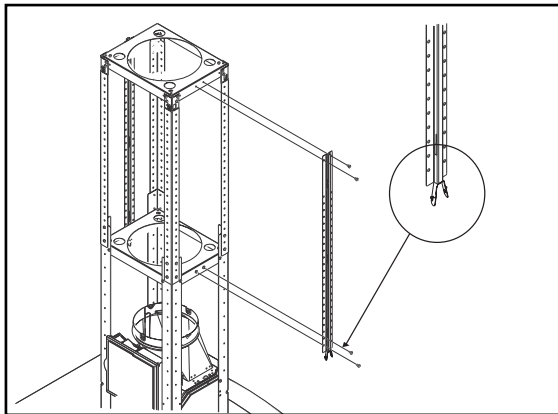
Facing the front of the range hood, remove the left knockout and the Junction box cover and install the conduit connector (cULus listed) in junction box.



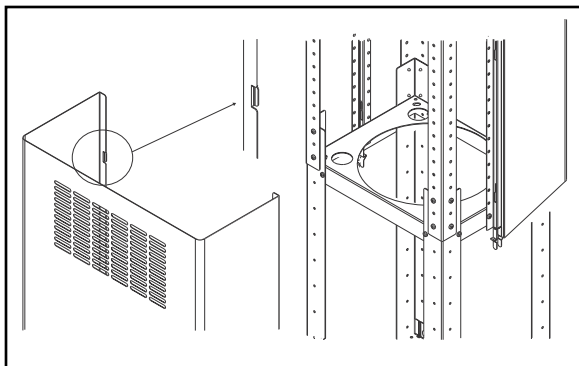
- If not already done, install 1/2" conduit connector in j-box.



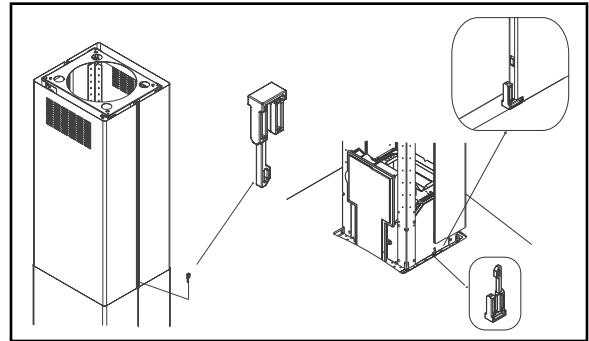
- Attach the vertical duct cover supports using 4 screws.



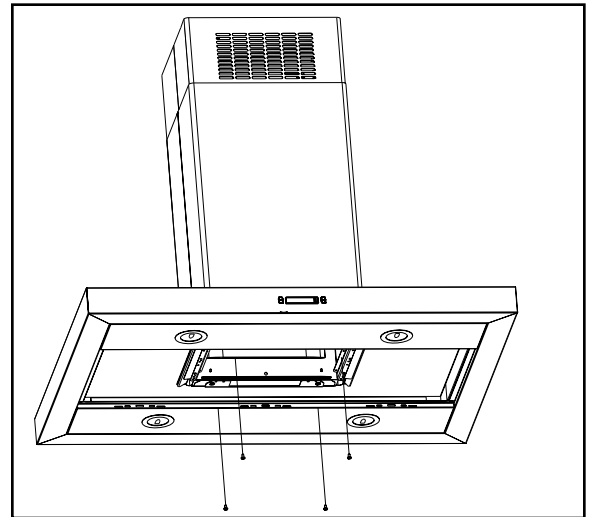
- Place upper duct covers sliding through until spring sounds "click". Then verify.



- Place lower duct covers using one plastic bracket at each vertex (4 needed).



- The lower duct cover shall be secured to rangehood by 4 screws.



Install the grease filter and turn power on at service panel. Check operation of the hood.

**If range hood does not operate:**

- Check that the circuit breaker is not tripped or the house fuse blown.
- Disconnect power supply. Check that wiring is correct.

**To get the most efficient use from your new range hood, read the "Use and Care Information" section.**

Keep your Installation Instructions and Use and Care Guide close to range hood for easy reference.