

# 30" (76.2 CM) AND 36" (91.4 CM) ELECTRIC DOWNDRAFT COOKTOP INSTALLATION INSTRUCTIONS

## INSTRUCTIONS D'INSTALLATION DE LA TABLE DE CUISSON ÉLECTRIQUE AVEC ASPIRATION PAR LE BAS DE 30" (76,2 CM) ET 36" (91,4 CM)

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### Table of Contents/Table des matières

<b>COOKTOP SAFETY .....</b>	<b>2</b>	<b>SÉCURITÉ DE LA TABLE DE CUISSON .....</b>	<b>13</b>
<b>INSTALLATION REQUIREMENTS .....</b>	<b>3</b>	<b>EXIGENCES D'INSTALLATION .....</b>	<b>14</b>
Tools and Parts .....	3	Outils et pièces.....	14
Location Requirements .....	3	Exigences d'emplacement.....	14
Venting Requirements .....	5	Exigences concernant l'évacuation .....	16
Venting Methods .....	6	Méthodes d'évacuation.....	17
Electrical Requirements .....	8	Spécifications électriques .....	19
<b>INSTALLATION INSTRUCTIONS .....</b>	<b>9</b>	<b>INSTRUCTIONS D'INSTALLATION .....</b>	<b>20</b>
Prepare Cooktop.....	9	Préparation de la table de cuisson .....	20
Install Foam Strip.....	9	Installation de la bande de mousse .....	20
Rotate Blower - Optional.....	9	Rotation du ventilateur - Facultative.....	20
Install Cooktop .....	11	Installation de la table de cuisson.....	22
Make Electrical Connection .....	11	Raccordement électrique.....	22
Complete Installation.....	12	Achever l'installation .....	23

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#### **IMPORTANT:**

Save for local electrical inspector's use.

#### **IMPORTANT :**

À conserver pour consultation par l'inspecteur local des installations électriques.

# COOKTOP SAFETY

## Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING."

These words mean:

**! DANGER**

You can be killed or seriously injured if you don't immediately follow instructions.

**! WARNING**

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

# INSTALLATION REQUIREMENTS

## Tools and Parts

Gather the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

### Tools needed

- Tape measure
- Flat-blade screwdriver
- Phillips head screwdriver
- Drill
- Level
- 6" socket extension
- Marker or pencil
- Pliers
- ¼" drill bit
- Jigsaw
- Ratchet with ⅜" socket

### Parts supplied

- Vent grille
- Pre-filter

### Parts needed

- A UL listed or CSA approved strain relief for 7/8" (2.2 cm) knockout.
- A UL listed or CSA approved conduit connector for ½" (1.3 cm) trade-size metal-clad conduit
- UL listed wire connectors
- Metal ducting
- Wall cap

6" (15.2 cm) Round Surface Wall Cap Damper  
Order Part Number A406

5" (12.7 cm) Round Surface Wall Cap Damper  
Order Part Number A405

3¼" x 10" (8.3 x 25.4 cm) Surface Wall Cap Damper  
Order Part Number A403

To order, see the "Assistance or Service" section of the Use and Care Guide.

- Vent clamps

Check local codes. Check existing electrical supply. See "Electrical Requirements" section.

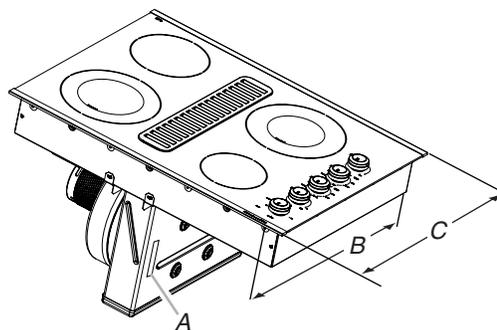
It is recommended that all electrical connections be made by a licensed, qualified electrical installer.

- Grounded electrical supply is required. See "Electrical Requirements" section.
- If cabinet has drawers, drawers will need to be removed and drawer fronts installed on front of cabinet.

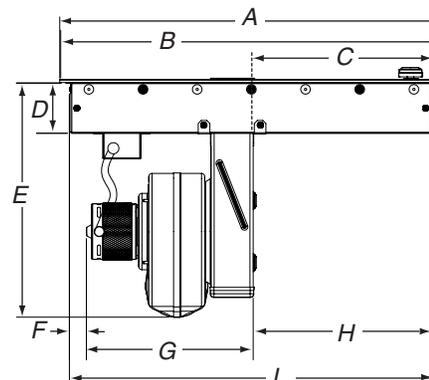
**IMPORTANT:** An under-counter built-in oven cannot be installed under this product.

## Product Dimensions

### 30" (76.2 cm) Cooktop - for standard and electric models



- A. Model/serial rating/clearance plate location
- B. 21" (53.4 cm) screw head to screw head
- C. 22" (52.3 cm) without stainless steel trim or 21<sup>37/64</sup>" (54.8 cm) with stainless steel trim



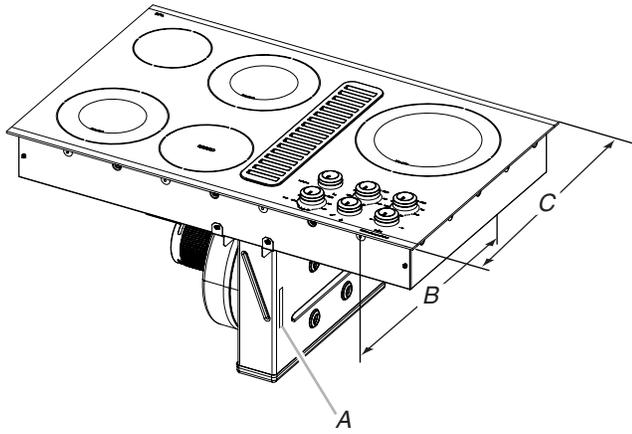
- A. 30<sup>1/32</sup>" (76.3 cm) with stainless steel trim
- B. 29<sup>15/16</sup>" (76.1 cm) without stainless steel trim
- C. 14<sup>9/16</sup>" (36.4 cm)
- D. 3<sup>3/32</sup>" (10.1 cm)
- E. 18<sup>13/32</sup>" (46.8 cm)
- F. 1<sup>11/32</sup>" (3.4 cm)
- G. 13<sup>3/32</sup>" (33.3 cm)
- H. 14<sup>3/16</sup>" (36.0 cm)
- I. 28<sup>5/8</sup>" (72.7 cm) screw head to screw head

## Location Requirements

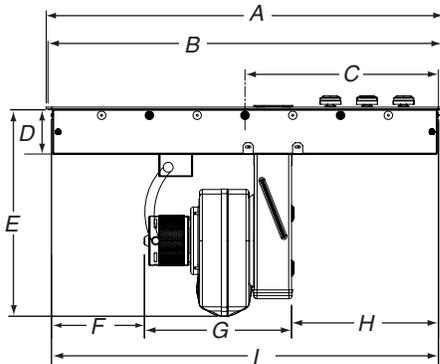
**IMPORTANT:** Observe all governing codes and ordinances. When installing cooktop, use minimum dimensions given.

- To eliminate the risk of burns or fire by reaching over the heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a range hood that projects horizontally a minimum of 5" (12.7 cm) beyond the bottom of the cabinets.
- Use the countertop opening dimensions that are given with these Installation Instructions. Given dimensions are minimum clearances and provide 0" (0 cm) clearance.

## 36" (91.4 cm) Cooktop - for standard and electric models

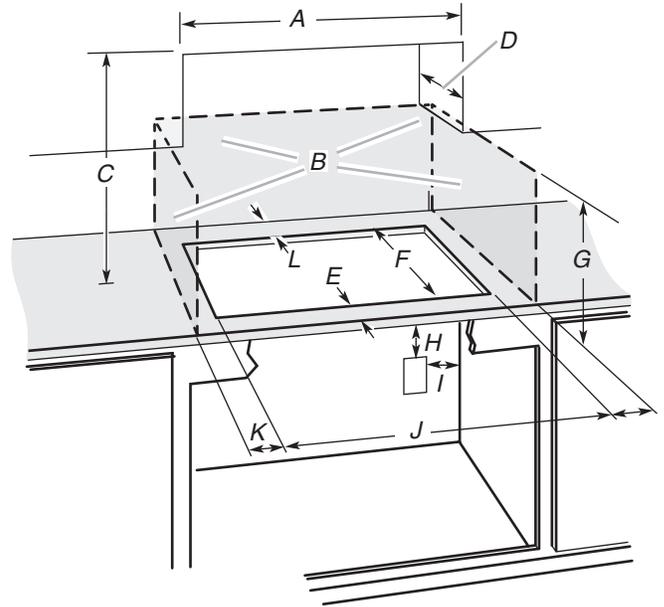


- A. Model/serial rating/clearance plate location
- B. 21" (53.4 cm) screw head to screw head
- C. 22" (52.3 cm) without stainless steel trim or 21<sup>37</sup>/<sub>64</sub>" (54.8 cm) with stainless steel trim



- A. 35<sup>29</sup>/<sub>64</sub>" (90.1 cm) with stainless steel trim
- B. 35<sup>29</sup>/<sub>64</sub>" (89.9 cm) without stainless steel trim
- C. 17<sup>31</sup>/<sub>64</sub>" (43.8 cm)
- D. 3<sup>25</sup>/<sub>32</sub>" (9.6 cm)
- E. 18<sup>13</sup>/<sub>32</sub>" (46.8 cm)
- F. 8<sup>17</sup>/<sub>64</sub>" (20.9 cm)
- G. 13<sup>3</sup>/<sub>32</sub>" (33.3 cm)
- H. 13<sup>1</sup>/<sub>16</sub>" (33.2 cm)
- I. 34<sup>31</sup>/<sub>64</sub>" (87.6 cm) screw head to screw head

## Cabinet Dimensions

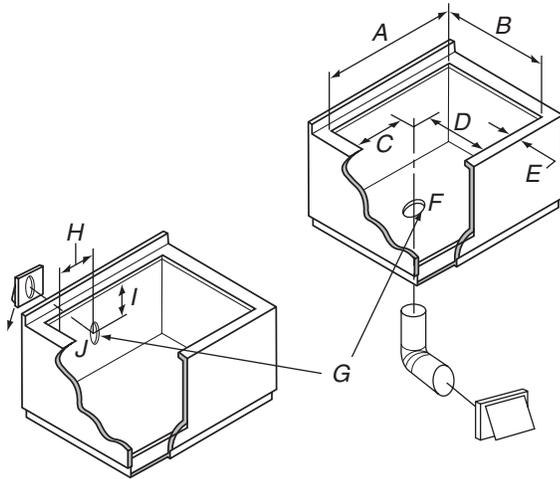


- A. 30" (76.2 cm) on 30" (76.2 cm) models  
36" (91.4 cm) on 36" (91.4 cm) models
- B. Combustible area above countertop (shown by dashed box above)
- C. 30" (76.2 cm) minimum clearance between top of cooktop platform and bottom of uncovered wood or metal cabinet (24" [61 cm] minimum clearance if bottom of wood or metal cabinet is covered by not less than 1/4" [0.6 cm] flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" [0.04 cm] stainless steel, or 0.024" [0.06 cm] aluminum or 0.020" [0.05 cm] copper)
- D. 13" (33 cm) recommended upper cabinet depth
- E. 2" (5.1 cm)
- F. 21<sup>1</sup>/<sub>8</sub>" (73.4 cm)
- G. 18" (45.7 cm) minimum clearance from upper cabinet to countertop within minimum horizontal clearances to cooktop
- H. Junction box or outlet; 12" (30.5 cm) minimum from bottom of countertop
- I. Junction box or outlet; 10" (25.4 cm) from right-hand side of cabinet
- J. 28<sup>7</sup>/<sub>8</sub>" (73.4 cm) on 30" (76.2 cm) models  
34<sup>9</sup>/<sub>16</sub>" (87.8 cm) on 36" (91.4 cm) models
- K. 2<sup>1</sup>/<sub>2</sub>" (6.4 cm) minimum distance to nearest left and right side combustible surface above cooktop
- L. 1<sup>1</sup>/<sub>2</sub>" (3.8 cm) minimum clearance between back wall and countertop

**NOTES:** After making the countertop cutout, some installations may require notching down the base cabinet side walls to clear the cooktop base. To avoid this modification, use a base cabinet with sidewalls wider than the cutout.

- A minimum side clearance of 6" (15.2 cm) is recommended between side of cooktop and side wall for maximum ventilation performance.
- A minimum clearance of 2" (5.1 cm) is recommended between the motor/blower and cabinet for proper cooling. A 6" (15.2 cm) clearance is recommended for servicing access.

## Cutout Dimensions



- A.  $28\frac{7}{8}$ " (73.4 cm) maximum on 30" (76.2 cm) models  
 $34\frac{9}{16}$ " (87.8 cm) maximum on 36" (91.4 cm) models
- B.  $21\frac{1}{8}$ " (53.7 cm) maximum on both 30" (76.2 cm) and 36" (91.4 cm) models
- C.  $8\frac{1}{2}$ " (21.8 cm) on 30" (76.2 cm) models  
 $15\frac{7}{16}$ " (39.2 cm) on 36" (91.4 cm) models
- D.  $6\frac{1}{64}$ " (16.0 cm) on both 30" (76.2 cm) and 36" (91.4 cm) models
- E. 2" (5.1 cm) minimum space to front edge of cooktop
- F. Floor exhaust option
- G.  $6\frac{1}{8}$ " (15.6 cm) for 6" (15.2 cm) vent system  
 $5\frac{1}{8}$ " (13 cm) for 5" (12.7 cm) vent system
- H.  $8\frac{1}{2}$ " (21.8 cm) on 30" (76.2 cm) models  
 $15\frac{7}{16}$ " (39.2 cm) on 36" (91.4 cm) models
- I. 16" (40.6 cm) on both 30" (76.2 cm) and 36" (91.4 cm) models
- J. Wall exhaust option

## Venting Requirements

**IMPORTANT:** This cooktop must be exhausted outdoors.

- Do not terminate the vent system in an attic or other enclosed area.
- Use a vent cap.
- Vent system must terminate to the outside.
- Use only a 6" (15.2 cm) diameter round or  $3\frac{1}{4}$ " x 10" (8.3 x 25.4 cm) rectangular vent except as follows: For electric cooktops, a 5" (12.7 cm) diameter round vent may be used for venting straight out the back of the cooktop and directly through the wall for 10 ft (3.0 m) or less.
- Before making cutouts, make sure there is proper clearance within the wall or floor for the exhaust vent.
- Do not cut a joist or stud unless absolutely necessary. If a joist or stud must be cut, then a supporting frame must be constructed.
- The size of the vent should be uniform.
- The vent system must have a damper. If roof or wall cap has a damper, do not use damper supplied with the range hood.
- Use vent clamps to seal all joints in the vent system.
- Use caulking to seal exterior wall or roof opening around the cap.
- Determine which venting method is best for your application.

## For Best Performance:

- Use 26-gauge minimum galvanized or 25-gauge minimum aluminum metal vent. Poor quality pipe fittings can reduce airflow. Flexible metal vent is not recommended.
- **NOTE:** Local codes may require a heavier gauge material.
- Metal duct may be reduced to 30-gauge galvanized steel or 26-gauge aluminized steel if allowed by local codes. This reduction is based on information in the International Residential Codes Section M1601.1 (2006 edition).
- Do not install 2 elbows together.
- Use no more than three 90° elbows.
- If an elbow is used, install it as far away as possible from the hood's vent motor exhaust opening.
- Make sure there is a minimum of 18" (45.7 cm) of straight vent between the elbows if more than one elbow is used.
- Elbows too close together can cause excess turbulence that reduces airflow.
- Do not use a 5" (12.7 cm) elbow in a 6" (15.2 cm) or  $3\frac{1}{4}$ " x 10" (8.3 x 25.4 cm) system.
- Do not reduce to a 5" (12.7 cm) system after using 6" (15.2 cm) or  $3\frac{1}{4}$ " x 10" (8.3 x 25.4 cm) fittings.
- Avoid forming handmade crimps. Handmade crimps may restrict airflow.
- Use a vent cap for proper performance. If an alternate wall or roof cap is used, be certain the cap size is not reduced and that it has a back draft damper.
- Use vent clamps to seal all joints in the vent system.
- Use caulking to seal exterior wall or roof opening around the cap.

The length of vent system and number of elbows should be kept to a minimum to provide efficient performance.

The maximum equivalent length of the vent system is 60 ft (18.3 m). For altitudes above 4,500 ft (1272 m), reduce recommended vent run by 20% for best performance.

## Cold Weather Installations

An additional back draft damper should be installed to minimize backward cold air flow and a thermal break installed to minimize conduction of outside temperatures as part of the vent system. The damper should be on the cold air side of the thermal break.

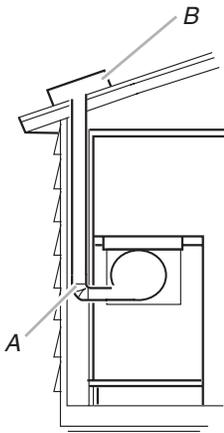
## Makeup Air

Local building codes may require the use of makeup air systems when using ventilation systems greater than specified CFM of air movement. The specified CFM varies from locale to locale. Consult your HVAC professional for specific requirements in your area.

## Venting Methods

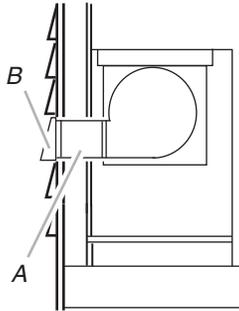
Common venting methods are shown for a counter-mounted downdraft cooktop. The cooktop may be vented through the wall or floor.

### Option 1 - Roof Venting



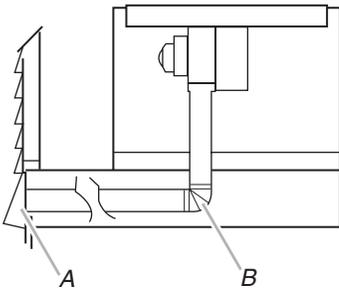
- A. Roof cap
- B. 6" (15.2 cm) round roof venting

### Option 2 - Wall Venting



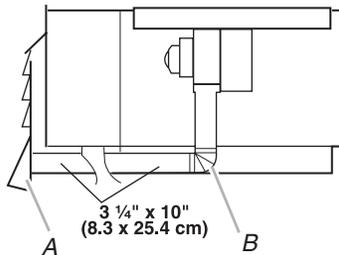
- A. 6" (15.2 cm) round wall venting
- B. Wall cap

### Option 3 - Venting Between Floor Joist



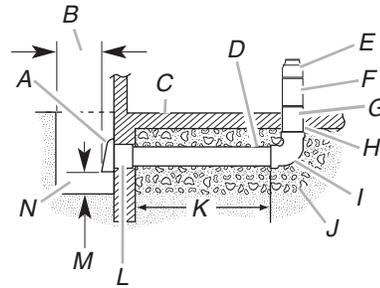
- A. Wall cap
- B. 6" (15.2 cm) round wall venting

### Option 4 - Venting behind Cabinet Kick Plate



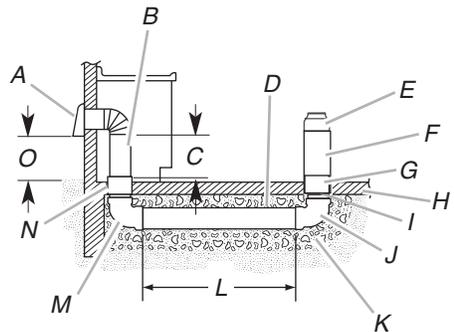
- A. Wall cap
- B. 6" (15.2 cm) round wall venting

### Concrete Slab Installations - Exhaust Through Window Well



- A. Wall cap
- B. 12" (30.5 cm) minimum
- C. Concrete slab
- D. 6" (15.2 cm) round PVC sewer pipe
- E. 5" to 6" (12.7 cm to 15.2 cm) transition
- F. 6" (15.2 cm) round metal duct
- G. 6" (15.2 cm) round PVC coupling
- H. 6" (15.2 cm) round PVC sewer pipe
- I. 6" (15.2 cm) round 90° PVC sewer pipe elbow
- J. Tightly pack gravel or sand completely around pipe.
- K. 42 ft (12.8 m) max.
- L. 6" (15.2 cm) round PVC coupling
- M. 6" (15.2 cm) minimum
- N. Window well

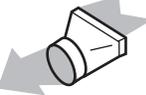
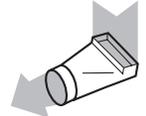
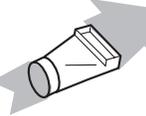
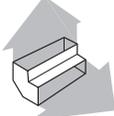
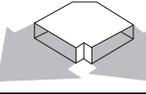
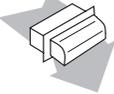
### Concrete Slab Installations - Exhaust Through Wall



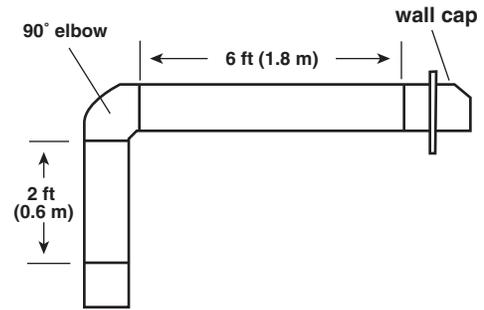
- A. Wall cap
- B. 6" (15.2 cm) round metal vent
- C. 16" (40.6 cm) maximum
- D. 6" (15.2 cm) round PVC sewer pipe
- E. 5" to 6" (12.7 cm to 15.2 cm) transition
- F. 6" (15.2 cm) round metal duct
- G. 6" (15.2 cm) round PVC coupling
- H. Concrete slab
- I. 6" (15.2 cm) round PVC sewer pipe
- J. 6" (15.2 cm) round 90° PVC sewer pipe elbow
- K. Tightly pack gravel or sand completely around pipe.
- L. 30 ft (9.1 m) max.
- M. 6" (15.2 cm) round 90° PVC sewer pipe elbow
- N. 6" (15.2 cm) round PVC coupling
- O. 12" (30.5 cm) minimum

## Calculating Vent System Length

To calculate the length of the system you need, add the equivalent feet (meters) for each vent piece used in the system.

Vent Piece	6" (15.2 cm) Round	
45° elbow	2.5 ft (0.8 m)	
90° elbow	5.0 ft (1.5 m)	
6" (15.2 cm) wall cap	0.0 ft (0.0 m)	
3 1/4" x 10" (8.3 cm x 25.4 cm) to 6" (15.2 cm) transition	4.5 ft (1.4 m)	
6" (15.2 cm) to 3 1/4" x 10" (8.3 cm x 25.4 cm) transition	1 ft (0.3 m)	
3 1/4" x 10" (8.3 cm x 25.4 cm) to 6" (15.2 cm) 90° elbow transition	9.0 ft (2.7 m)	
6" (15.2 cm) to 3 1/4" x 10" (8.3 cm x 25.4 cm) 90° elbow transition	5.0 ft (1.5 m)	
3 1/4" x 10" (8.3 cm x 25.4 cm) 90° elbow	5.0 ft (1.5 m)	
3 1/4" x 10" (8.3 cm x 25.4 cm) flat elbow	12.0 ft (3.7 m)	
3 1/4" x 10" (8.3 cm x 25.4 cm) wall cap	0.0 ft (0.0 m)	
5" to 6" (12.7 cm to 15.2 cm) transition	1 ft (0.3 m)	

## Example vent system



1- 90° elbow	= 5 ft (1.5 m)
8 ft (2.4 m) straight	= 8 ft (2.4 m)
1 - wall cap	= 0 ft (0 m)
<b>System length</b>	<b>= 13 ft (3.9 m)</b>

**NOTE:** Flexible vent is not recommended. Flexible vent creates back pressure and air turbulence that greatly reduce performance.

## Determine Range Blower Setting

This cooktop is equipped with a dual range blower. It is shipped from the factory in the low range for most installations. If the equivalent duct length exceeds 30 ft (9.1 m), it must be converted to high range. Do not convert the blower to high range for shorter lengths; this will cause excessive noise and conditioned air loss. Convert blower before installing into countertop if necessary.

## To Convert to High Range:

### **! WARNING**

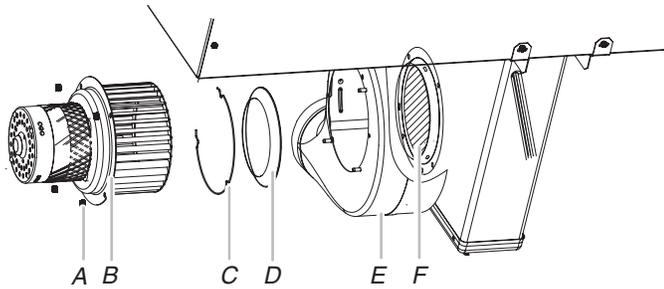
#### **Excessive Weight Hazard**

**Use two or more people to move and install cooktop.**

**Failure to do so can result in back or other injury.**

- Using 2 or more people, place cooktop on floor with front edge and plenum down.
- Remove the four #10 - 32 locknuts (A) that attach the blower motor assembly to the blower exhaust scroll.
- Remove the blower motor assembly (B) from the blower exhaust scroll (E).
- Slowly reach in the blower exhaust scroll opening and remove the retainer (C).
- Gently remove the restrictor ring (D).
- Place the motor assembly back on the studs of the blower exhaust scroll.

7. Reattach the four #10-32 locknuts to secure the blower motor assembly back to the blower exhaust scroll.



- A. #10 - 32 locknut  
 B. Blower motor and wheel assembly  
 C. Retainer  
 D. Restrictor ring  
 E. Exhaust scroll  
 F. Blower wheel guard

## Electrical Requirements

### **⚠ WARNING**



#### **Electrical Shock Hazard**

**Disconnect power before servicing.**

**Use 8 gauge copper wire.**

**Electrically ground cooktop.**

**Failure to follow these instructions can result in death, fire, or electrical shock.**

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path and wire gauge are in accordance with local codes.

Check with a qualified electrical installer if you are not sure the cooktop is properly grounded.

Make sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/NFPA 70-latest edition or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. 0-M91-latest edition, and all local codes and ordinances.

A copy of the above code standards can be obtained from:

National Fire Protection Association  
 One Batterymarch Park  
 Quincy, MA 02269

CSA International  
 8501 East Pleasant Valley Road  
 Cleveland, OH 44131-5575

### **Before You Make the Electrical Connection:**

To properly install your cooktop, you must determine the type of electrical connection you will be using and follow the instructions provided for it here.

- A 4-wire or 3-wire, single phase, 120/240 volt, 60 Hz., AC only electrical supply on a separate, 40-amp circuit breaker is required for both 30" (76.2 cm) and 36" (91.4 cm) models. If a fused system is used, fuse both sides of the line.
- The cooktop should be connected directly to the junction box through the flexible metal conduit. The flexible, armored cable extending from the fuse box or circuit breaker box should be connected directly to the junction box.
- Locate the junction box to allow as much slack as possible between the junction box and the cooktop so that the cooktop can be moved if servicing becomes necessary in the future.
- A UL listed or CSA approved conduit connector must be provided at each end of the power supply cable (at the cooktop and at the junction box).
- If the house has aluminum wiring follow the procedure below:
  1. Connect a section of solid copper wire to the pigtail leads.
  2. Connect the aluminum wiring to the added section of copper wire using special connectors and/or tools designed and UL listed for joining copper to aluminum.

Follow the electrical connector manufacturer's recommended procedure. Aluminum/copper connection must conform with local codes and industry accepted wiring practices.

# INSTALLATION INSTRUCTIONS

## Prepare Cooktop

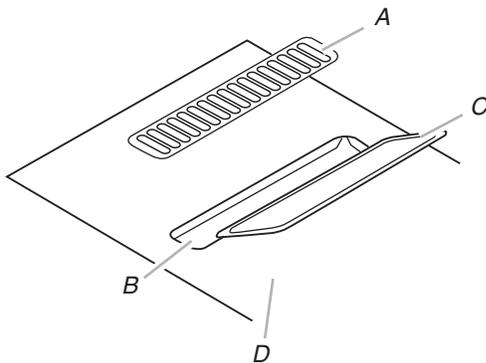
Decide on the final location for the cooktop.

### **⚠ WARNING**

#### **Excessive Weight Hazard**

**Use two or more people to move and install cooktop.  
Failure to do so can result in back or other injury.**

1. Open product as instructed on product packaging.
2. Remove shipping materials and tape from cooktop.
3. Remove vent grille.



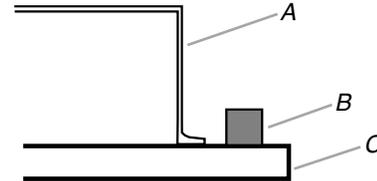
A. Vent grille  
B. Plenum  
C. Removable grease filter  
D. Ceramic glass top

4. Remove the removable grease filter by lifting the filter out.
5. Using 2 or more people, remove the cooktop from the carton.
6. Use foam end caps from the packaging as a work surface for the floor or countertop.
7. Using 2 or more people, place the cooktop upside down on the foam end caps.
8. Make sure knobs are positioned in the open areas of the end caps.
9. Avoid placing the cooktop facedown on the control knobs.

## Install Foam Strip

1. Remove foam strip from the package containing literature.
2. Remove backing from foam strip.
3. Apply foam strip adhesive-side down around bottom of cooktop, flush with edge.

**NOTE:** The foam strip keeps the underside of the cooktop glass free from debris and helps the cooktop sit flat on uneven counters.

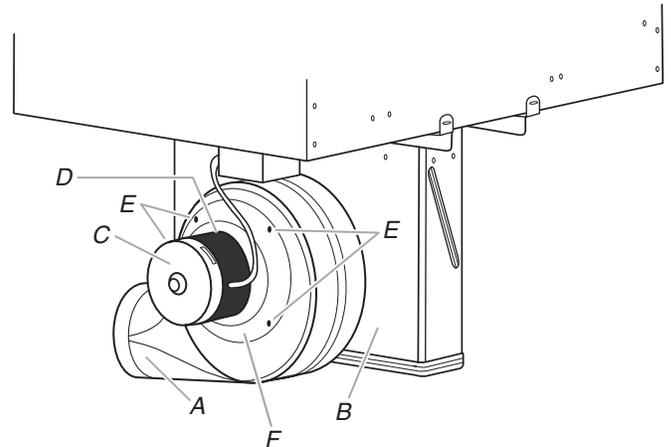


A. Cooktop base  
B. Foam strip  
C. Glass

## Rotate Blower - Optional

**IMPORTANT:** The following additional steps must be performed if the product is being installed in peninsula or island cabinetry.

The blower exhaust scroll is shipped from the factory set to exhaust straight out the back of the cabinet through an exterior wall.

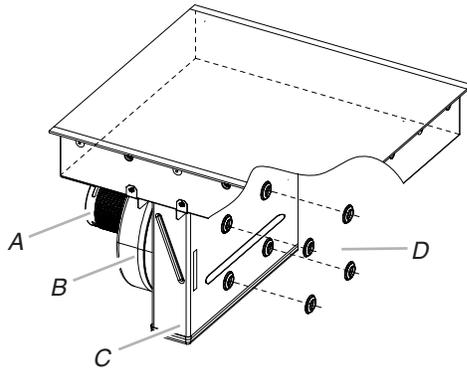


A. Blower exhaust scroll  
B. Plenum  
C. Blower motor  
D. Top label  
E. 10-32 machine nuts (4)  
F. Motor mounting plate

### To rotate blower:

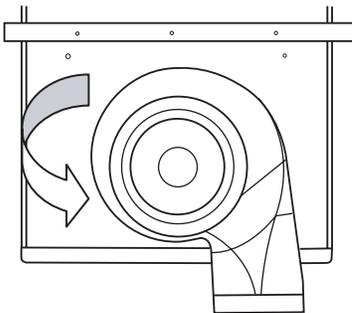
1. Locate the four plastic plugs in the plenum bypass.
2. Use the pliers to remove the plastic plugs.

**IMPORTANT:** Do not throw away the plastic plugs. The plastic plugs must be reinstalled after the blower exhaust scroll has been rotated.



A. Blower motor  
B. Exhaust scroll  
C. Plenum  
D. Plastic plugs (4)

3. Insert the  $\frac{3}{8}$ " socket and extension into the hole and use the ratchet handle to loosen the nut half of a rotation. Repeat this process for each of the four nuts.
4. With the nuts loosened, the blower exhaust scroll can be easily rotated downward.

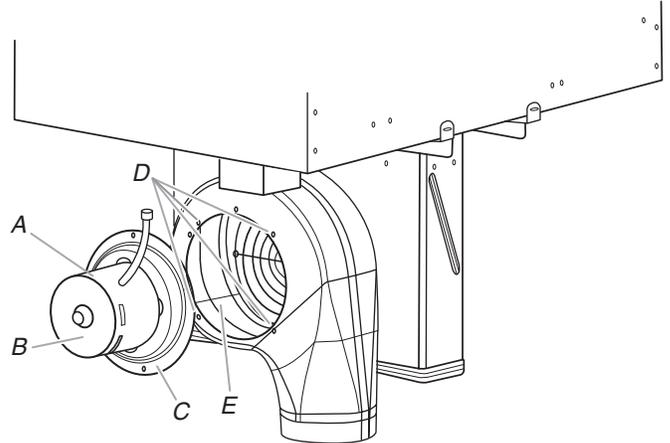


5. Retighten each nut with the  $\frac{3}{8}$ " socket, extension and ratchet.
6. Reinstall the four plastic plugs.

### To rotate blower motor:

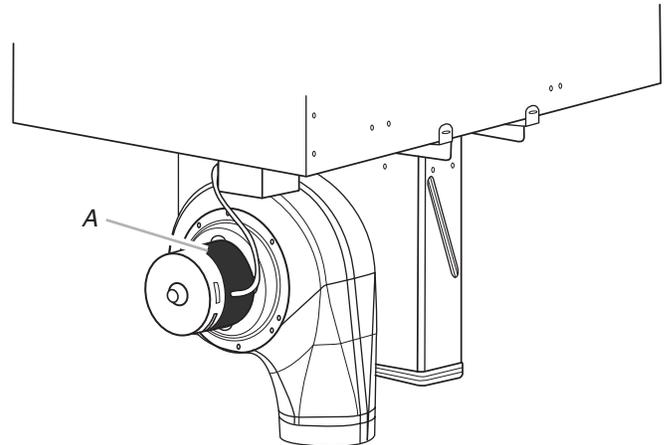
**NOTE:** The "Top" label location on the blower motor is at the 9 o'clock position.

1. Using a ratchet with a  $\frac{3}{8}$ " socket and supporting the motor with one hand, remove the four machine nuts that attach the blower motor to the exhaust scroll.
2. Remove the blower motor and wheel assembly from the weld studs.



A. Top label  
B. Blower motor  
C. Motor mounting plate  
D. Weld stud location  
E. Blower wheel

3. When the motor mounting plate clears the threaded weld studs, rotate the assembly clockwise 90° and reinstall the four #10-32 machine nuts.
4. Verify the "Top" label is positioned as shown.



A. Top label

## Install Cooktop

- Using 2 or more people, place cooktop right side up into the cutout.

**NOTE:** Make sure that the front edge of the cooktop is parallel to the front edge of the countertop. If repositioning is needed, lift entire cooktop up from the cutout to avoid scratching the countertop.

- For island or peninsula installations, go to “Rotate Blower - Optional” section.
- Connect blower exhaust scroll to ducting.
- Use vent clamps to secure the ducting to the blower exhaust scroll.
- Reinstall removable grease filter.
- Reinstall vent grille.

## Make Electrical Connection

### ⚠ WARNING



#### Electrical Shock Hazard

**Disconnect power before servicing.**

**Use 8 gauge copper wire.**

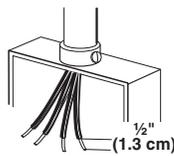
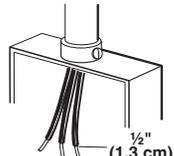
**Electrically ground cooktop.**

**Failure to follow these instructions can result in death, fire, or electrical shock.**

This cooktop is manufactured with the frame connected to the bare ground wire. Connect the cooktop cable to the junction box through the UL listed or CSA approved conduit connector.

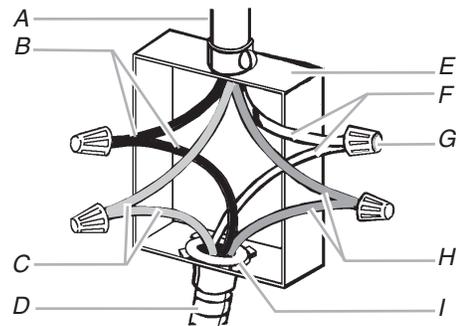
- Disconnect power.
- Remove junction box cover, if present.
- Connect the flexible cable conduit from the cooktop to the junction box using a UL listed or CSA approved conduit connector.
- Tighten screws on conduit connector if present.
- See “Electrical Connection Options Chart” to complete installation for your type of electrical connection.

## Electrical Connection Options

If your home has:	And you will be connecting to:	Go to Section:
4-wire 	A fused disconnect or circuit breaker box	4-Wire Cable from Power Supply
3-wire 	A fused disconnect or circuit breaker box	3-Wire Cable from Power Supply

### 4-Wire Cable from Home Power Supply to 4-Wire Cable from Cooktop

**IMPORTANT:** Use the 4-wire cable from home power supply in the U.S. where local codes do not allow grounding through neutral, New Branch circuit installations (1996 NEC), mobile homes and recreational vehicles, new construction, and in Canada.

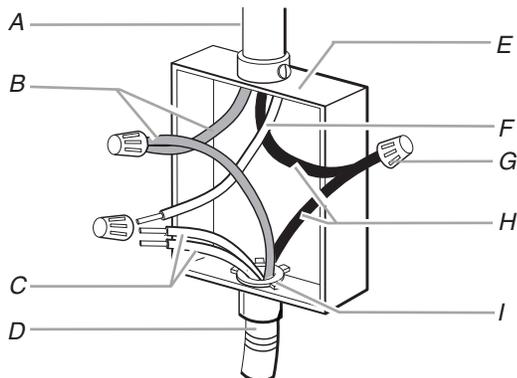


- |                                 |  |
|---------------------------------|--|
| A. Cable from home power supply | F. White wires                                 |
| B. Black wires                  | G. UL listed wire connector                    |
| C. Bare ground wires            | H. Red wires                                   |
| D. 4-wire cable from cooktop    | I. UL listed or CSA approved conduit connector |
| E. Junction box                 |  |

- Connect the 2 black wires together using the UL listed wire connectors.
- Connect the 2 red wires together using the UL listed wire connectors.
- Connect the 2 white wires together using the UL listed wire connectors.
- Connect the green (or bare) ground wire from the cooktop cable to the green (or bare) ground wire (in the junction box) using the UL listed wire connectors.
- Install junction box cover.

### 3-Wire Cable from Home Power Supply to 4-Wire Cable from Cooktop - U.S. only

**IMPORTANT:** Use the 3-wire cable from power supply where local codes permit connecting the frame-ground conductor to the neutral (white) junction box wire.



- |   |  |
|---|--|
| A. Cable from home power supply                       | F. White wire                                  |
| B. Red wires  | G. UL listed wire connector                    |
| C. White wire and green (or bare) wire (from cooktop) | H. Black wires                                 |
| D. 4-wire cable from cooktop                          | I. UL listed or CSA approved conduit connector |
| E. Junction box                                       |  |

1. Connect the 2 black wires together using the UL listed wire connectors.
2. Connect the 2 red wires together using the UL listed wire connectors.
3. Connect the green or bare and white cooktop cable wires to the white (neutral) wire in the junction box using the UL listed wire connectors.
4. Install junction box cover.

## Complete Installation

1. Check that all parts are now installed. If there is an extra part, go back through the steps to see which step was skipped.
2. Check that you have all your tools.
3. Dispose of/recycle all packaging materials.
4. Use a mild solution of liquid household cleaner and warm water to clean cooktop before use. Dry thoroughly with a soft cloth. For more information, see the "Cooktop Care" section of the Use and Care Guide.
5. Read "Cooktop Use" in the cooktop Use and Care Guide.
6. Reconnect power.
7. Use the Flow Tester Card provided with your cooktop to check the airflow (see card for step-by-step instructions).

**NOTE:** If the cooktop does not work after turning on the power, check that a circuit breaker has not tripped or a household fuse has not blown. See "Troubleshooting" section in the Use and Care Guide for further information.

### If you need Assistance or Service:

Please reference the "Assistance or Service" section of the Use and Care Guide or contact the dealer from whom you purchased your cooktop.