ELECTRICAL & INSTALLATION REQUIREMENTS

IMPORTANT

Observe all governing codes and ordinances.

It is the customer's responsibility:

- To contact a qualified electrical installer.
- To assure that the electrical installation is adequate and in conformance with 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.
- If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.
- Do not ground to a gas pipe.
- Check with a qualified electrician if you are not sure range hood is properly grounded.
- Do not have a fuse in the neutral or ground circuit.

IMPORTANT

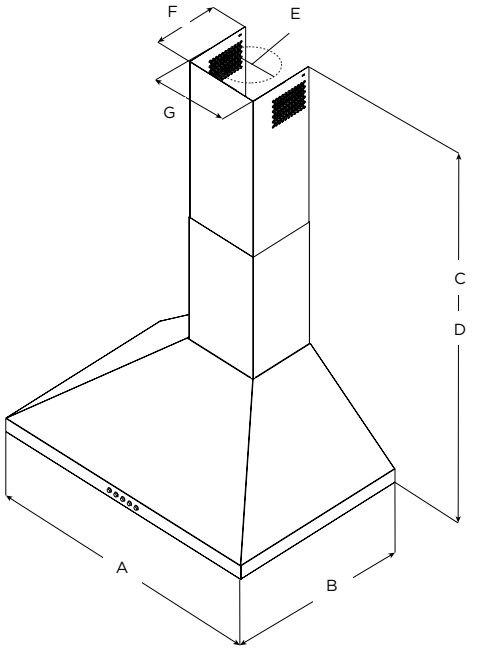
- Save Installation Instructions for electrical inspector's use.
- The range hood must be connected with copper wire only.
- The range hood should be connected directly to the fused disconnect (Or circuit breaker) box through metal electrical conduit.
- Wire sizes must conform to the requirements of 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 U.L.- or C.S.A.-listed conduit connector must be provided at each end of the power supply conduit (at the range hood and at the junction box).

Copies of the standards listed may be obtained from:
* National Fire Protection Association Batterymarch Park Quincy, Massachusetts 02269
** CSA International 8501 East Pleasant Valley Road Cleveland, Ohio 44131-5575

BEFORE INSTALLING THE HOOD

1. For the most efficient air flow exhaust, use a straight run or as few elbows as possible.
   CAUTION: Vent unit to outside of building, only.
2. At least two people are necessary for installation.
3. Fittings material is provided to secure the hood to most types of walls/ceilings, consult a Qualified Installer, check if they perfectly fit with your cabinet/wall.
4. Do not use flex ducting.
5. COLD WEATHER installations should have an additional backdraft damper installed to minimize backward cold air flow and a nonmetallic thermal break to minimize conduction of outside temperatures as part of the ductwork. The damper should be on the cold air side of the thermal break.
   The break should be as close as possible to where the ducting enters the heated portion of the house.
6. Make up air: Local building codes may require the use of Make-Up Air Systems when using Ducted 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.

PRODUCT DIMENSIONS



	Models		
	EVL424SS	**EVL430S2 EVR630S2 EVR630BL**	**EVL436S2 EVR636S2 EVR636BL**
A	23⅝" (60 cm)	30" (76.2 cm)	36" (91.4 cm)
B	19 11/16" (50 cm)		
C*	Max: 42⅛" (107 cm) Min: 28 6/16" (72 cm)		
D**	Max: 38 3/16" (97 cm) Min: 28 6/16" (72 cm)		
E	6" (15.24 cm)		
F	7 3/16" (18.3 cm)		
G	8 3/16" (20.8 cm)		

* Ductless (Recirculating) version
** Ducted version

LIST OF MATERIALS

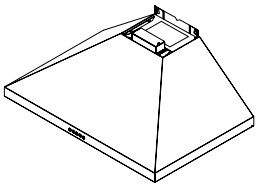
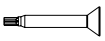
Removing the packaging.

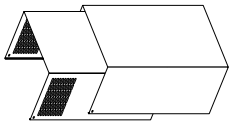
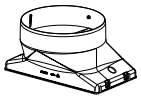
⚠ CAUTION

Remove carton carefully, Wear gloves to protect against sharp edges.

⚠ WARNING

Remove the protective film covering the product before putting into operation.

Supplied Part	Pieces
 Hood assembly and LED lamps already installed	1
 5x45 mm	6
 5.4x75 mm	4
 3.5x9.5 mm	2
 4x8 mm	2
 Torx 10 adapter	1

Supplied Part	Pieces
 Duct covers	2
 6” round air transition	1
 8x40 mm	2
 10x60 mm	4
 Duct cover bracket	1
 Mounting template	1

Parts no supplied

Tools/Materials required

- Level
- Drill
- 1¼” (3.2 cm), ⅛” (3.2 mm), and ⅙” (4.8 mm) drill bits
- Pencil
- Wire stripper or utility knife
- Tape measure or ruler
- Pliers
- Caulking gun and weatherproof caulking compound
- Jigsaw or keyhole saw
- Metal snips
- Screwdrivers:
  - Flat-blade
  - Phillips

Optional accessories and consumable parts

KIT	# Part
Recirculating Kit	KIT02766
Long Chimney Extension	KIT02762
Long Chimney Extension Black	KIT0140998

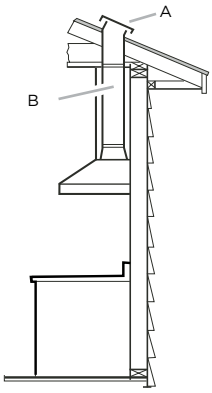
Ducting Options

Closely follow the instructions set out in this manual.
All responsability, for any eventual inconveniences, damages or fires caused by not complying with the instructions in this manual, is declined.

Ducting version

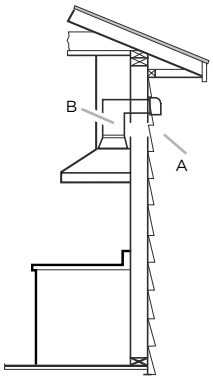
The hood is equipped with a 6" (15.2 cm) round transition for discharge of fumes to the outside.

Roof Venting



A. Roof cap
B. 6" (15.2 cm) round vent

Wall Venting



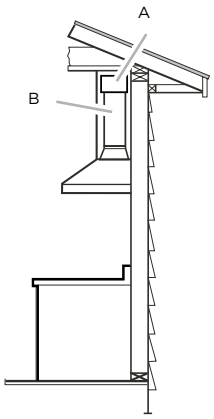
A. Wall cap
B. 6" (15.2 cm) round vent

Preparation
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.
Fittings material is provided to secure the hood to most types of walls/ceilings.
However, a qualified technician must verify suitability of the materials in accordance with the type of wall/ceiling.
Before making cutouts, make sure there is proper clearance within the ceiling or wall for exhaust vent.

Recommended installation height:
Hood installation height above cooktop is the users preference. The lower the hood is above the cooktop, the more efficient the capturing of cooking odors, grease and smoke.

Ductless (Recirculating)

In cases where it should not be possible to discharge cooking fumes and vapour to the outside.
Attach a charcoal filter and the deflector on the duct cover support bracket.
Fumes and vapours are recycled through the top grille by means of a duct connected to the transition and the transition mounted on the deflector.
For this version only: purchase the Ductless Recirculating Kit.
Minimum Duct Size: 6" Round Pipe.



A. Deflector
B. 6" (15.2 cm) round vent

⚠ CAUTION

Installation Heights		
Hood models	**EVL430S2, EVL436S2, EVL424SS**	**EVR630S2, EVR636S2, EVR630BL, EVR636BL**
GAS cooktops	27" (66.6 cm)	30" (76.2 cm)
ELECTRIC cooktops	24" (61 cm)	27" (66.6 cm)

There is no maximum mounting height, however, we recommend mounting the hood no greater than 36" (91.4 cm) above the cooking surface. For every inch (2.54 cm) above 36" (91.4 cm), fume and moisture capture efficiency diminishes at an increasing rate and may not deliver an acceptable level of ventilating performance.
This hood is intended for household use.

PLEASE READ THE INSTALLATION MANUAL FOR SPECIFIC APPLICATION. Check your ceiling height and hood height before selecting your hood.

Installation

Prepare location
- It is recommended that the vent system be installed before hood is installed.
- Before making cutouts, make sure there is proper clearance within the ceiling or wall for exhaust vent.
- Check your ceiling height and the hood height maximum before you select your hood.

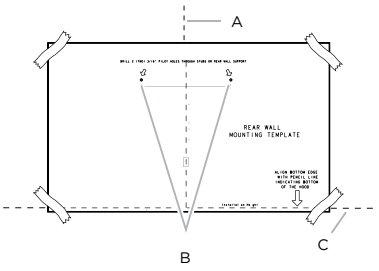
1 Disconnect power.
2 Determine which venting method to use: roof, wall, or nonvented.
3 Select a flat surface for assembling the range hood. Place covering over that surface.

⚠ WARNING
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING.

4 Using 2 or more people, lift range hood onto covered surface.

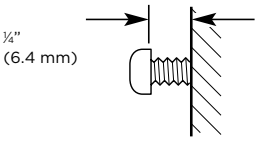
Mounting the duct cover bracket

1. Determine and mark the centerline on the wall where the canopy hood will be installed. Disconnect power.
2. Select a mounting height from the Installation Heights chart. Mark a reference line on the wall.
3. Tape template in place, aligning the template centerline and bottom of template with hood bottom line and with the centerline marked on the wall.



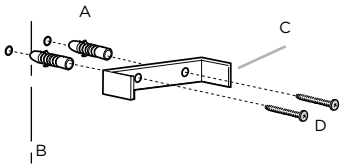
A. Centerline
B. Fastener locations
C. Mounting height reference (hood bottom line)

4. Mark centers of the fastener locations through the template to the wall.
   IMPORTANT: All screws must be installed into wood. If there is no wood to screw into, additional wall framing supports may be required.
5. Remove the template.
6. Drill 3⁄16" (4.8 mm) pilot holes at all locations where screws are being installed into wood.
7. Install the 2 - 5 x 45 mm mounting screws. Leave a ¼" (6.4 mm) gap between the wall and the back of the screw head to slide range hood into place.



Vent cover bracket installation

1. Attach vent cover bracket to wall flush to the ceiling using 2 - 5 x 45 mm screws.



A. 8 x 40 mm anchors
B. Centerline on wall
C. Vent cover support bracket
D. 5 x 45 mm screws

Complete preparation

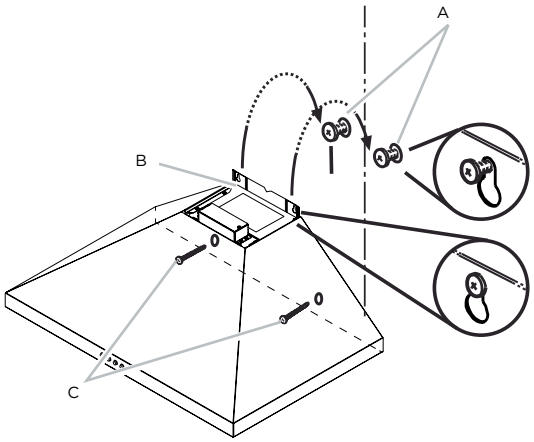
1. Determine and make all necessary cuts in the wall for the vent system. Install the vent system before installing the hood. See "Venting Requirements" section.
2. Determine the required height for the home power supply cable and drill a 1¼" (3.2 cm) hole at this location.
3. Run the home power supply cable according to the National Electrical Code or CSA Standards and local codes and ordinances. There must be enough ½" conduit and wires from the fused disconnect (or circuit breaker) box to make the connection in the hood's electrical terminal box.

NOTE: Do not reconnect power until installation is complete.

4. Use caulk to seal all openings.

Install Range Hood

1. Using 2 or more people, hang range hood on 2 mounting screws through the mounting slots on back of hood.

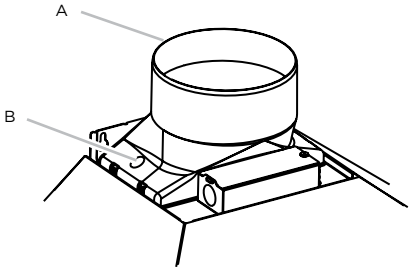


A. Mounting screws
B. Mounting slots
C. Lower mounting screws

2. Mark with a pencil the lower mounting holes location.
3. Uninstall the hood assembly, and drill 3⁄16" (4.8 mm) pilot holes at marked locations.
4. Hang the range hood again on 2 upper mounting screws.
5. Level the range hood and tighten upper mounting screws.
6. Install 2 - 5 x 45 mm lower mounting screws and tighten. Use the optional wall anchors if needed.

Connect Vent System

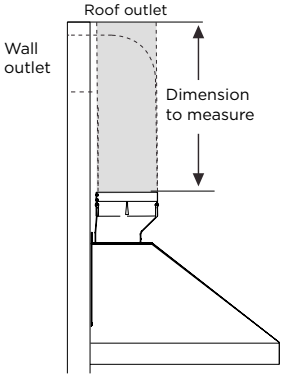
1. Install transition on top of hood (if removed for shipping) with 2 - 3.5 x 9.5 mm sheet metal screws.



A. Vent transition
B. 3.5 x 9.5 mm screw

For vented installations only:

1. Fit vent system over the exhaust outlet.
2. Measure from the bottom of the air deflector to the bottom of the hood outlet. Cut the ductwork at the measured dimension.

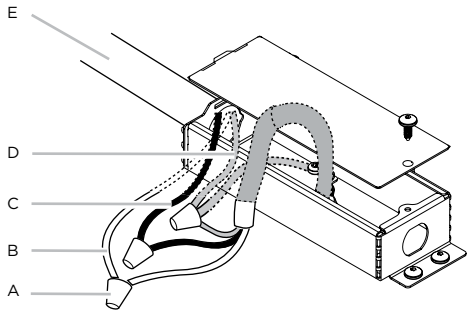


3. Seal connection with clamps.
4. Check that back draft dampers work properly.

Electrical Connection

⚠ WARNING
ELECTRICAL SHOCK HAZARD.
⚠ WARNING
DISCONNECT POWER BEFORE SERVICING.
REPLACE ALL PARTS AND PANELS BEFORE OPERATING.
FAILURE TO DO SO CAN RESULT IN DEATH OR ELECTRICAL SHOCK.

1. Disconnect power.
2. Remove terminal box cover.
3. Remove the knockout in the terminal box cover and install a UL listed or CSA approved ½" strain relief.
4. Run home power supply cable through strain relief, into terminal box.



A. Home power supply cable
B. UL listed or CSA approved strain relief
C. Black wires
D. UL listed wire connectors
E. White wires
F. Green (or bare) and yellow-green ground wires

5. Use UL listed wire connectors and connect black wires (C) together.
6. Use UL listed wire connectors and connect white wires (E) together.

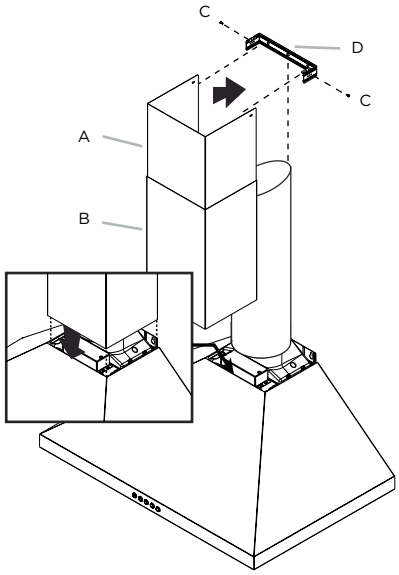
⚠ WARNING
ELECTRICAL SHOCK HAZARD.
⚠ WARNING
ELECTRICALLY GROUND BLOWER.
CONNECT GROUND WIRE TO GREEN AND YELLOW GROUND WIRE IN TERMINAL BOX. FAILURE TO DO SO CAN RESULT IN DEATH OR ELECTRICAL SHOCK.

7. Connect green (or bare) ground wire from home power supply to yellow-green ground wire (F) in terminal box using UL listed wire connectors.
8. Tighten strain relief screw.
9. Install terminal box cover.
10. Check that all light bulbs are secure in their sockets.
11. Reconnect power.

Install duct covers

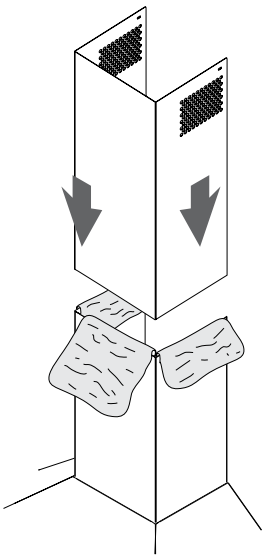
- When using both upper and lower vent covers, push lower cover down onto hood and lift upper cover to ceiling and install with two mounting screws.

NOTE: For vented installations, the upper vent cover may be reversed to hide slots.



A. Upper vent cover
B. Lower vent cover
C. 4 x 8 mm screws
D. Bracket

NOTE: To prevent scratches, lay paper or a kitchen towel over the edges of the lower flue duct to protect the surface.



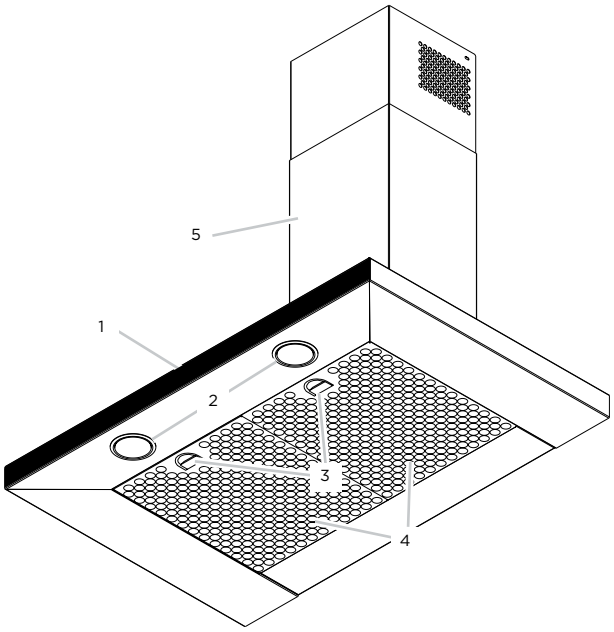
Complete Installation

- For non-vented (recirculating) installations only, install charcoal filters over metal grease filter.
  See the “Mainteinance” section.
- Install metal filters. See the “Mainteinance” section.

To get the most efficient use from your new range hood, read the “Maintenance” section.
Keep your Use, Care, and installation Guide close to range hood for easy reference.

Description of the Hood

EVR630 & EVR636 models



1. Blower and light controls
2. LED lamps
3. Grease filter handle
4. Grease filter
5. Duct covers

Control

1. Button ON/OFF motor (stand by)
2. Button for low speed (suction power) selection
   When flashing, it indicates that you must wash the grease filter.
3. Button for medium speed (suction power) selection
4. Button for high speed (suction power) selection
5. Button for intensive speed (suction power) selection
   It lasts 5 minutes then it returns to medium speed (suction power).
6. Button ON/OFF lighting
   Press briefly to switch on or off the lighting of the hood.
   Press and hold to adjust the intensity of the light.

Indicators of filter saturation:
At regular time intervals, the hood indicates the need of performing filter maintenance.

Button MAX on with steady light:
Perform grease filter maintenance.

Button MAX flashing:
Perform activated charcoal filter maintenance.
NOTE: Filter saturation signal is visible within the first minute after switching off the hood; within this time, the reset of saturation indicators must be performed.

Reset of filter saturation indicators:

Press and hold the button MAX

Activation of saturation indicator activated charcoal filter:
NOTE: This operation must be performed with the hood off.
This indicator is normally deactivated; press and hold the button MAX to activate the function: the button lights up with steady light.

To deactivate the function, press and hold the button MAX, the button lights up flashing.

CRS CFM Reduction System

Before operating your hood:
Some States and Provinces of the US & Canada restrict the maximum exhausting airflow of range hoods.
Airflow is measured as cubic feet per minute (CFM).
These maximum levels allowed are detailed in the local code of your area. Please check local codes to find out if you need to restrict the maximum airflow of your hood. If your local code mandates a maximum airflow level below the maximum airflow of this hood (i.e. 600 CFM), please execute the procedure below to reduce the maximum airflow.

1 Turn the motor OFF.
2 Press the ON/OFF (1) and Intensive speed (5) buttons together for 3 seconds.
You will hear a beep and all control lights will illuminate for 3 seconds.
This action will Disable speeds 3 and 4 and effectively lower the Maximum airflow to > 300 CFM.
3 Locate the CFM certification sticker in the hardware pack.
4 Peel and Affix this sticker to a visible area in the blower.
This sticker provides official certification to your local inspector that this hoods maximum airflow has been reduced to > 300 CFM.