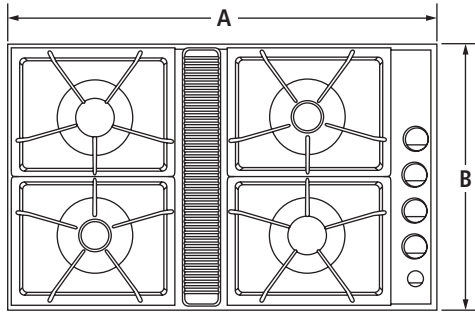


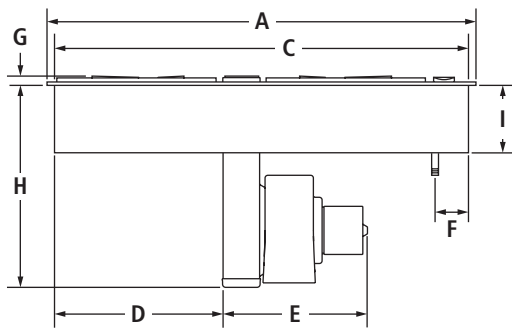
EXPRESSIONS™ COLLECTION GAS DOWNDRAFT COOKTOP

CVGX2423 – 34 $\frac{1}{8}$ " x 17 $\frac{1}{2}$ " x 21 $\frac{1}{8}$ "

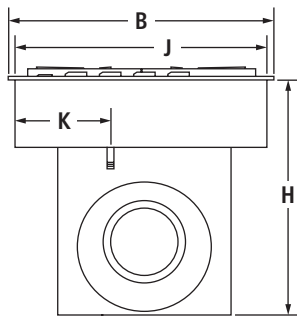
PRODUCT DIMENSIONS



TOP VIEW



FRONT VIEW



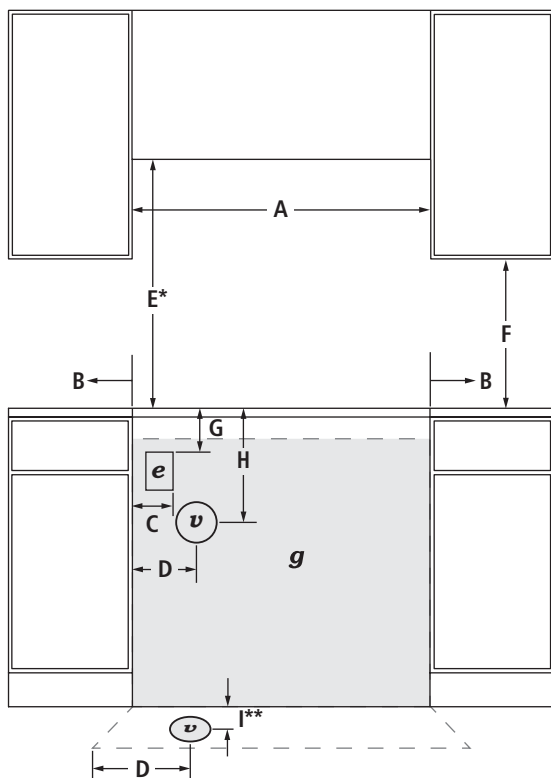
SIDE VIEW

MODEL #		CVGX2423	
		in	cm
A	Overall width	34 $\frac{1}{8}$	86.7
B	Overall depth	21 $\frac{1}{8}$	53.6
C	Width of recessed cooktop	33 $\frac{1}{4}$	84.5
D	Width from recessed cooktop to plenum	13 $\frac{3}{8}$	34.0
E	Width of blower motor assembly	12 $\frac{1}{2}$	31.8
F	Center of gas inlet to side of recessed cooktop	2	5.0
G	Height with grates	$\frac{3}{4}$	2.0
H	Height from plenum to countertop	17 $\frac{1}{2}$	44.5
I	Height of recessed cooktop	4 $\frac{5}{8}$	11.7
J	Depth of recessed cooktop	20 $\frac{1}{2}$	52.2
K	Center of gas inlet to front of recessed cooktop	8 $\frac{1}{2}$	21.5

EXPRESSIONS™ COLLECTION GAS DOWNDRAFT COOKTOP

CVGX2423 – 34½" x 17½" x 21⅛"

OPENING/CLEARANCE DIMENSIONS



FRONT VIEW

MODEL #		CVGX2423	
		in	cm
A	Width of combustable area above cooking surface (min.)	34	86.3
B	Width from cooktop to fixed wall or other combustable material (min.)	2	5.1
C	Width to inside edge of outlet (max.)	11	28.0
D	Width to center of vent opening option	19⅜	49.2
E*	Height to bottom of uncovered wood or metal cabinet above cooking surface (min.)	30	76.2
F	Height to bottom of uncovered wood or metal cabinet (min.)	18	45.7
G	Height to top edge of outlet (min.)	6	15.0
H	Height to center of vent opening option	8	20.3
I**	Depth to center of vent opening option	8⅜	21.1
J	Depth of upper cabinet (recommended)	13	33.0
K	Depth from cutout to wall (min.)	1	2.5
L	Width of cutout	33⅝	85.4
M	Depth of cutout	20⅝	52.4
N	Depth from cutout to front of countertop	2⅛	5.4
e	Recommended electrical access location		
g	Recommended gas supply line location		
v	Recommended venting location – see page 3 for ducting information		

*Dimension can be reduced by 6" (15.2 cm) when bottom of wood or metal cabinet is covered by not less than ¼" (0.6 cm) flame retardant millboard covered with not less than No. 28 MSG sheet metal, 0.015" (0.4 mm) stainless steel, 0.024" (0.6 mm) aluminum or 0.020" (0.5 mm) copper.

**Based on installation in a 24" (61.0 cm) base cabinet.

GAS REQUIREMENTS

Natural Gas

This cooktop is factory-set for use with natural gas.

LP Gas Conversion

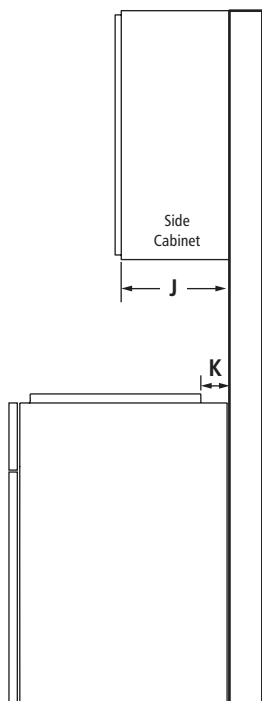
Conversion must be done by a qualified service technician. To convert to LP gas, use the LP gas conversion kit provided with the cooktop.

ELECTRICAL REQUIREMENTS

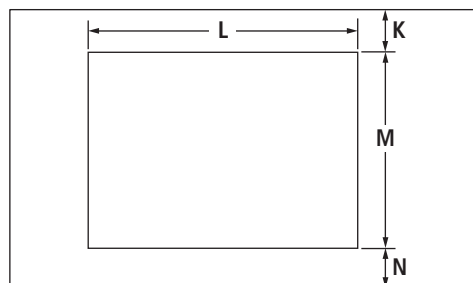
120 volt, 60 Hz, AC only, 15-amp fused, grounded circuit is required. Minimum power cord length is 42" (106.7 cm).

LOCATION REQUIREMENTS

- To ensure cooktop base clearance, cabinet side walls need to be wider than the cutout.
- A minimum clearance of 6" (15.2 cm) is recommended between the cooktop and side wall for optimum ventilation.
- A minimum clearance of 2" (5.1 cm) is recommended between the blower motor and cabinet for proper cooling. A 6" (15.2 cm) clearance is recommended for servicing access.
- An under counter built-in oven cannot be installed under this cooktop.



SIDE VIEW

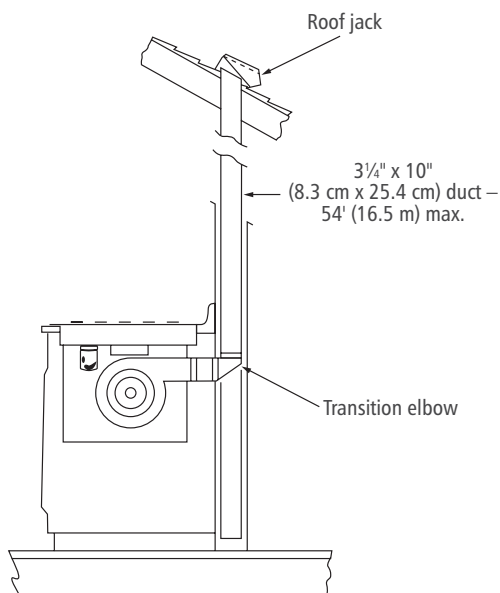


TOP VIEW – CUTOUT

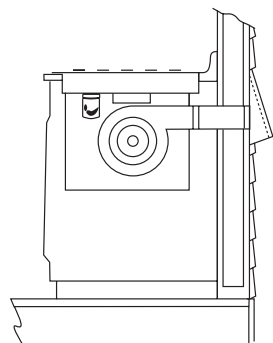
DOWNDRAFT COOKTOP DUCTING ARRANGEMENTS

The diagrams below show typical duct arrangements for downdraft cooktops. JX3™ downdraft cooktops also offer a duct-free installation option. For more details, refer to [page 000](#).

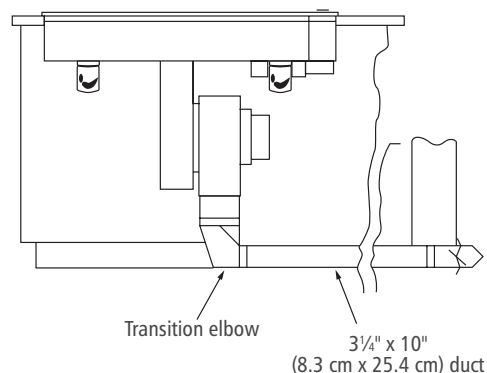
DUCTING CONFIGURATIONS



REAR DUCTING IN WALL TO ROOF



REAR DUCTING THROUGH WALL TO OUTSIDE



SIDE DUCTING IN TOE KICK TO OUTSIDE

DUCTING REQUIREMENTS

COOKTOP	DUCT LENGTH	DUCT SIZE
Gas	10' (3.0 m) or less*	5" (12.7 cm) diameter*
	Between 10' (3.0 m) and 60' (18.3 m)	6" (15.2 cm) diameter 3 1/4" x 10" (8.3 cm x 25.4 cm)
Electric	10' (3.0 m) or less**	5" (12.7 cm) diameter**
	Between 10' (3.0 m) and 60' (18.3 m)	6" (15.2 cm) diameter 3 1/4" x 10" (8.3 cm x 25.4 cm)

*Gas cooktops must use 5" (12.7 cm) diameter for runs of 10' (3.0 m) or less.

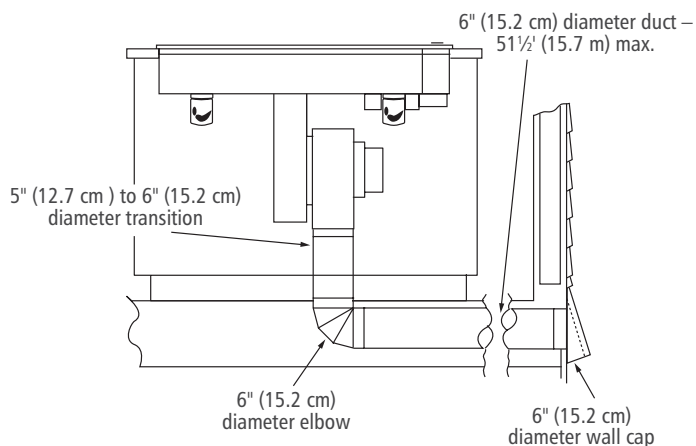
**May be used to vent straight out the back of the cooktop and directly through the wall.

CALCULATING MAXIMUM DUCTING LENGTH

- Maximum ducting length is 60' (18.3 m).
- Each 90° elbow equals 5' (1.5 m) duct.
- Use no more than three 90° elbows.
- Flexible metal vent is not recommended.
- Do not install two elbows together.

NOTES:

- For ducting runs up to 30' (9.1 m), install cooktop as shipped.
- For ducting runs of 31' (9.4 m) to 60' (15.2 m), remove the restricter ring on the blower inlet housing.
- For altitudes above 4500' (1272.0 m), reduce recommended vent run by 20% for best performance.



THROUGH FLOOR BETWEEN JOISTS TO OUTSIDE