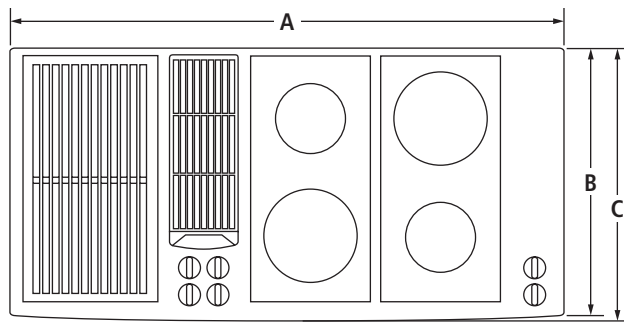


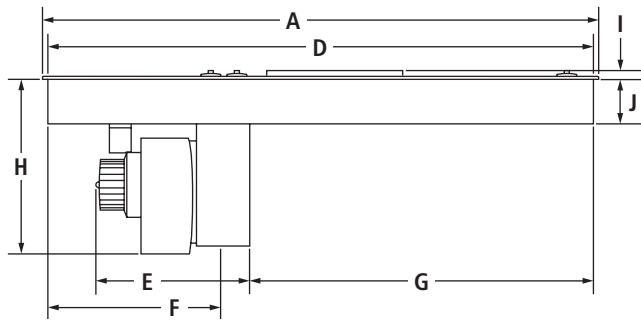
DESIGNER LINE MODULAR ELECTRIC DOWNDRAFT COOKTOP

JED8345AD – 45" x 14³/₄" x 21³/₄"

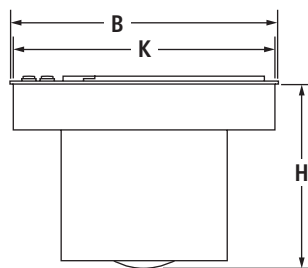
PRODUCT DIMENSIONS



TOP VIEW



FRONT VIEW

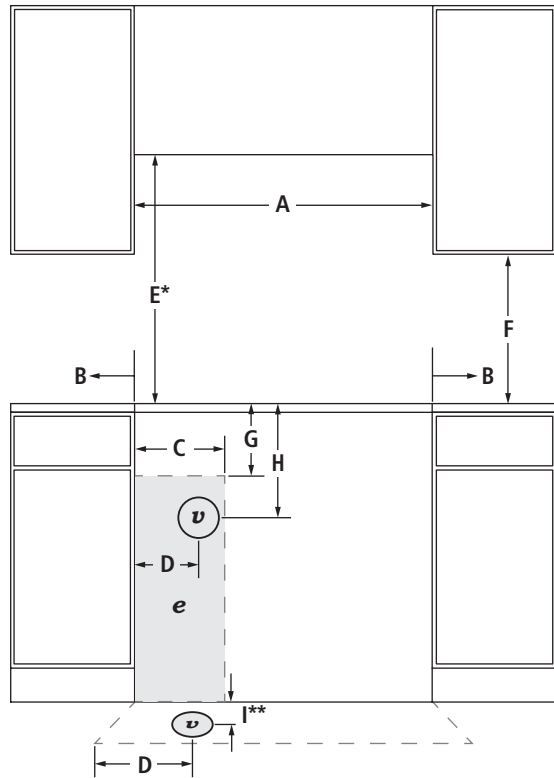


SIDE VIEW

MODEL #		JED8345AD	
		in	cm
A	Overall width	45	114.3
B	Depth to corner of cooktop	21½	54.7
C	Depth to center of cooktop	21¾	55.2
D	Width of recessed cooktop	43	109.2
E	Width of blower motor assembly	14¾	36.5
F	Width to hard wire opening	14⅝	37.0
G	Width from plenum to recessed cooktop	26	65.9
H	Height from blower motor to countertop	14¾	37.5
I	Height with grill grates	⅝	1.5
J	Height of recessed cooktop	3½	8.9
K	Depth of recessed cooktop	20⅞	53.0

DESIGNER LINE MODULAR ELECTRIC DOWNDRAFT COOKTOP
 JED8345AD – 45" x 14¾" x 21¾"

OPENING/CLEARANCE DIMENSIONS



FRONT VIEW

MODEL #		JED8345AD	
		in	cm
A	Width of combustibile area above cooking surface (min.)	45	114.3
B	Width from cooktop to fixed wall or other combustibile material (min.)	1	2.5
C	Width of recommended electrical installation area	12¼	31.0
D	Width to center of vent opening option	9¾	23.8
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 recommended electrical installation area (min.)	4	10.0
H	Height to center of vent opening option	13	33.0
I**	Depth to center of vent opening option	15½	39.5
J	Depth of upper cabinet (recommended)	13	33.0
K	Depth from cutout to wall (min.)	¾	1.9
L	Width of cutout	43¼	109.9
M	Depth of cutout	21	53.3
N	Depth from cutout to front of countertop (min.)	1⅞	4.8
e	Recommended electrical access 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.

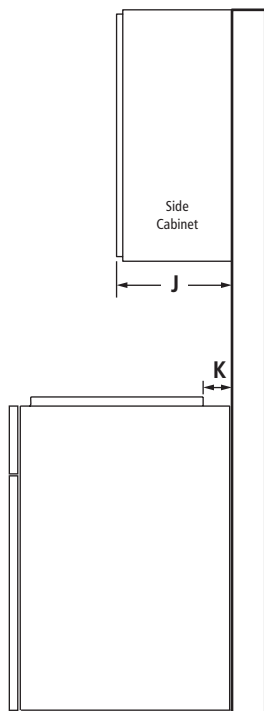
**Based on installation in a 24" (61.0 cm) base cabinet.

ELECTRICAL REQUIREMENTS

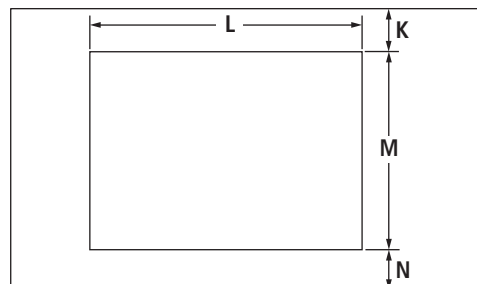
240 volt, 60 Hz, AC only, 50-amp fused, grounded circuit is required. A dedicated circuit is recommended.

LOCATION REQUIREMENTS

- To ensure cooktop base clearance, cabinet side walls need to be wider than the cutout.
- Grills installed near a side wall must allow a minimum clearance of 6" (15.2 cm) between the cooktop and side wall for maximum performance.
- 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.
- For removal of the supplied grease container(s), a minimum clearance of 6¼" (15.9 cm) is required.
- An under counter built-in oven cannot be installed under this cooktop.



SIDE VIEW

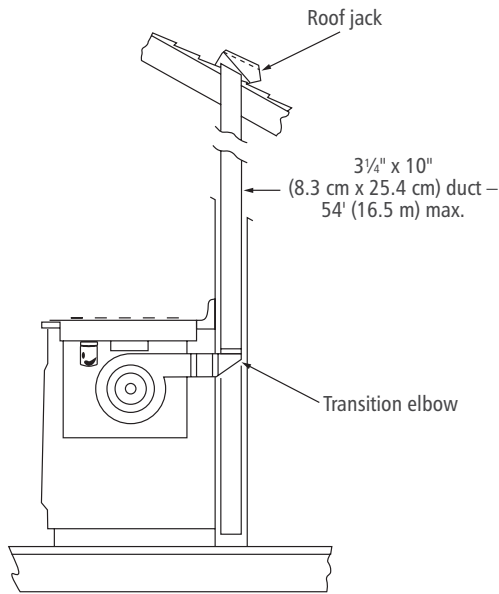


TOP VIEW – CUTOUT

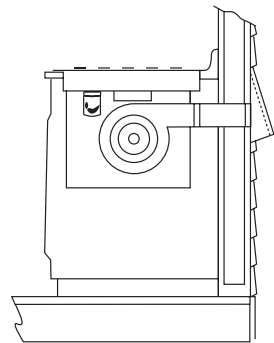


DOWNDRAFT COOKTOP DUCTING ARRANGEMENTS

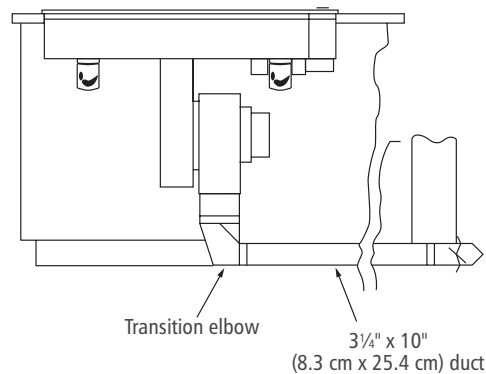
DUCTING CONFIGURATIONS



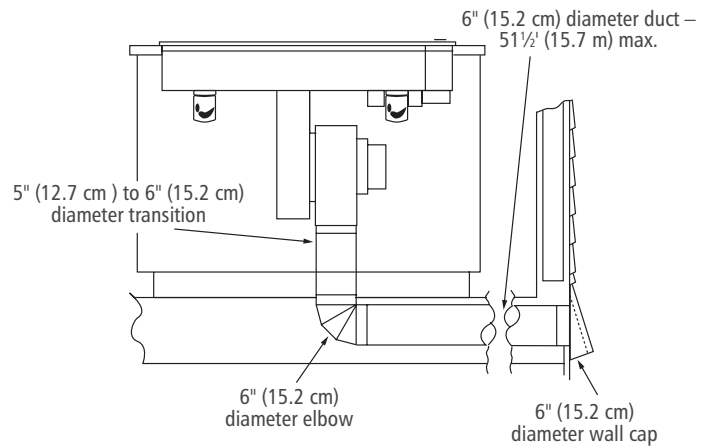
REAR DUCTING IN WALL TO ROOF



REAR DUCTING THROUGH WALL TO OUTSIDE



SIDE DUCTING IN TOE KICK TO OUTSIDE



THROUGH FLOOR BETWEEN JOISTS 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 3/4" 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 3/4" 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 cm), 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.