

KitchenAid®

Lot 22 Phil
Brook

30" (76.2 CM) AND 36" (91.4 CM) GAS BUILT-IN COOKTOP

PRODUCT MODEL NUMBERS

KCGS350E	KCGS950E	MGC9530D	WCG75US0D
KCGS356E	KCGS956E	MGC9536D	WCG97US0D
KCGS550E	MGC7430D	WCG51US0D	WCG97US6D
KCGS556E	MGC7536D	WCG51US6D	

GAS SUPPLY REQUIREMENTS

Type of Gas

Natural Gas:

- This cooktop is factory set for use with Natural gas. If converting to LP gas, see the "LP Gas Conversion" instructions provided in the package containing literature. The model/serial rating plate located on the underside of the cooktop base has information on the types of gas that can be used. If the types of gas listed do not include the type of gas available, check with the local gas supplier.

LP Gas Conversion:

Conversion must be done by a qualified service technician.

No attempt shall be made to convert the cooktop from the gas specified on the model/serial rating plate for use with a different gas without consulting the serving gas supplier. See the Gas Conversion instructions provided in the package containing literature.

Gas Supply Line

- Provide a gas supply line of 3/4" (1.9 cm) rigid pipe to the cooktop location. A smaller size pipe on longer runs may result in insufficient gas supply. Pipe-joint compounds that resist the action of LP gas must be used. Do not use TEFLON® tape. With LP gas, piping or tubing size should be 1/2" minimum. Usually, LP gas suppliers determine the size and materials used in the system.

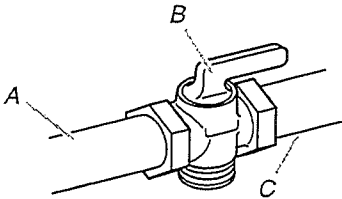
Flexible metal appliance connector:

- If local codes permit, use a 1/2" or 3/4" I.D. flexible stainless steel tubing gas connector, designed by CSA to connect the cooktop to the rigid gas supply line.



- A 1/2" male pipe thread is needed for connection to the female pipe threads of the inlet to the cooktop pressure regulator.
- Do not kink or damage the flexible metal tubing when moving the cooktop.

- Must include a shutoff valve:
The supply line must be equipped with a manual shutoff valve. This valve should be located in the same room but external to the cooktop opening, such as an adjacent cabinet. It must be accessible without removing the cooktop, and it should be in a location that allows ease of opening and closing. Do not block access to shutoff valve. The valve is for turning on or shutting off gas to the cooktop.



A. Gas supply line
B. Shutoff valve "open" position
C. To cooktop

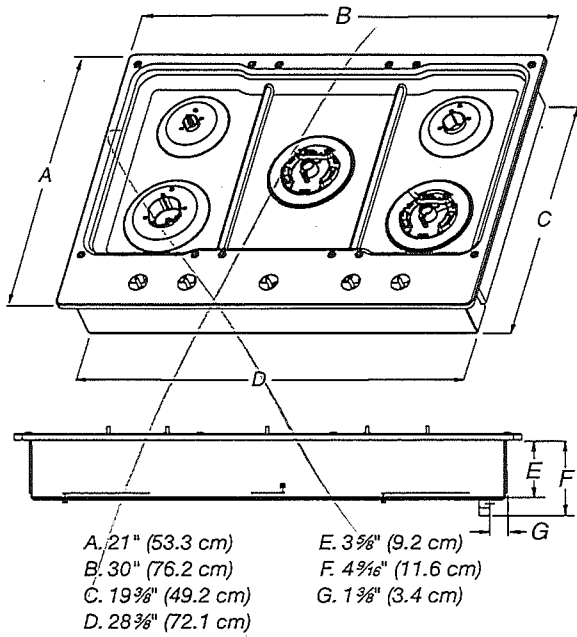
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ELECTRICAL REQUIREMENTS

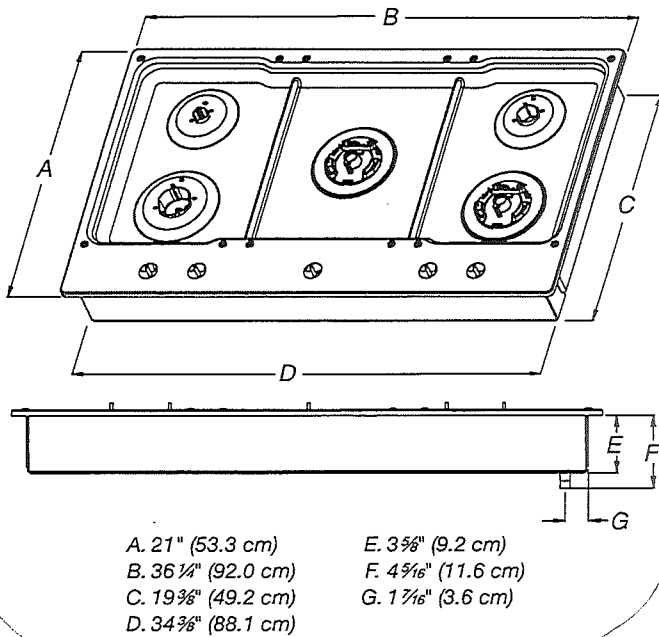
- A 120 volt, 60 Hz, AC only, 15-amp, fused electrical circuit is required. A time-delay fuse or circuit breaker is also recommended. It is recommended that a separate circuit serving only this cooktop be provided.
- Electronic ignition systems operate within wide voltage limits, but proper grounding and polarity are necessary. Check that the outlet provides 120-volt power and is correctly grounded.

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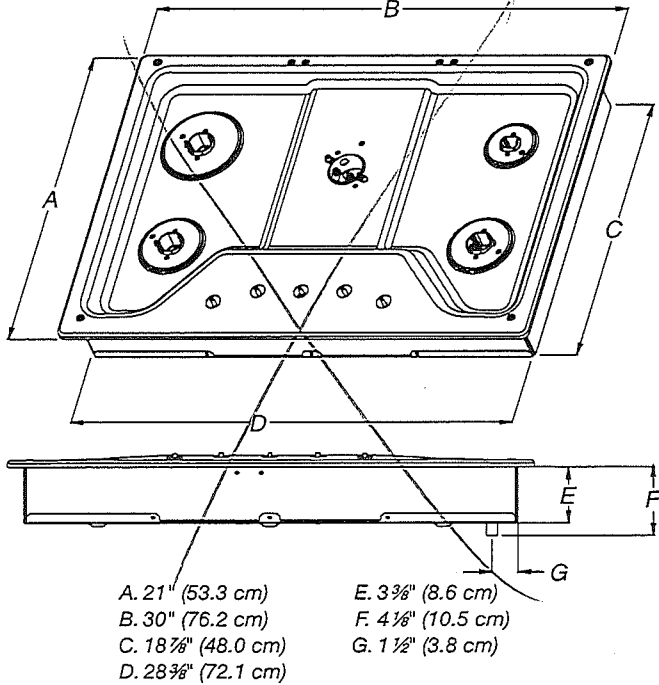
KCGS550ESS and KCGS950ESS Models



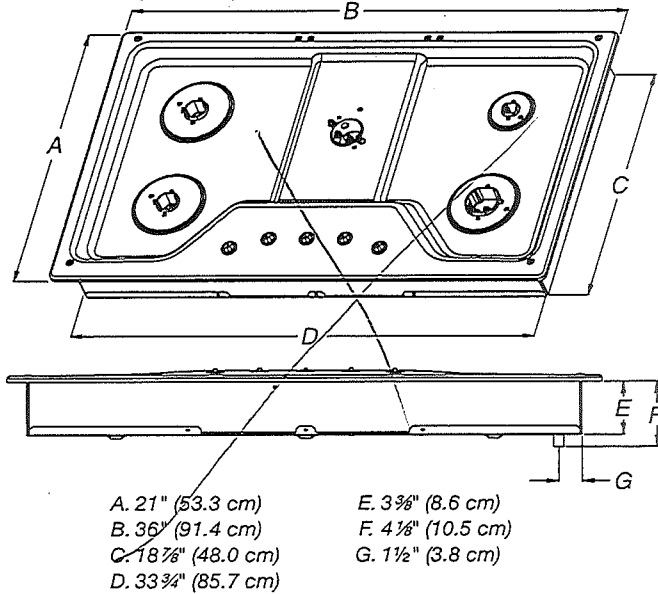
KCGS556ESS and KCGS956ESS Models



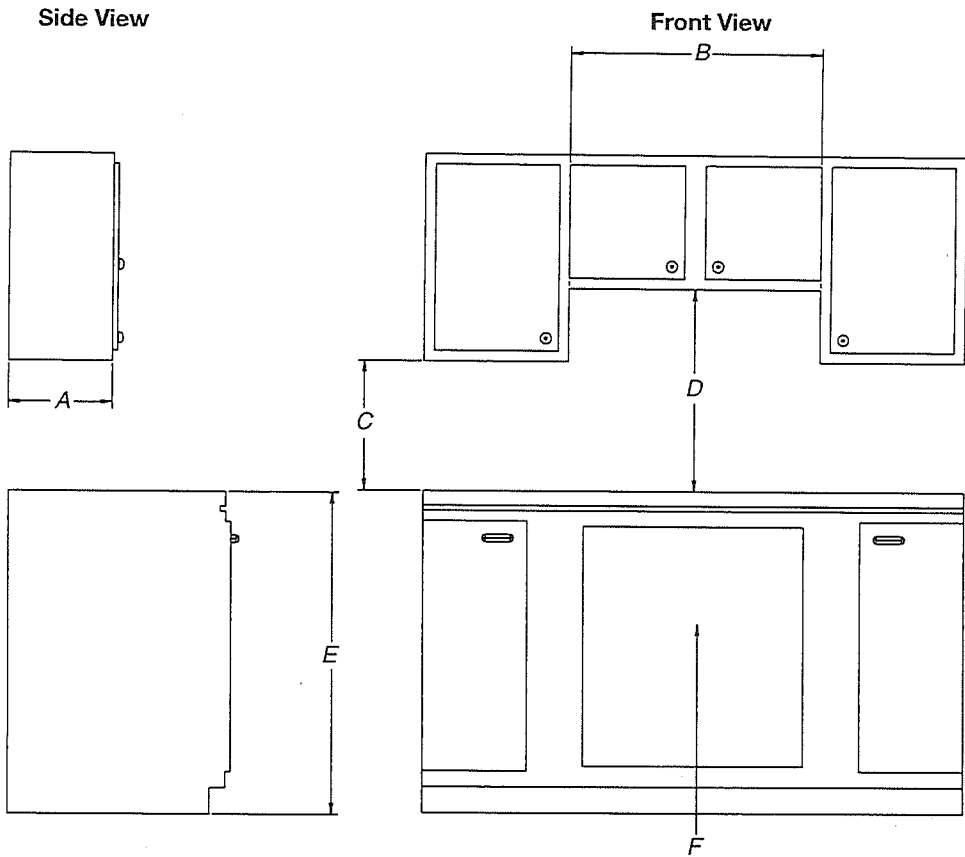
All Other 30" (76.2 cm) Models



All Other 36" (91.4 cm) Models

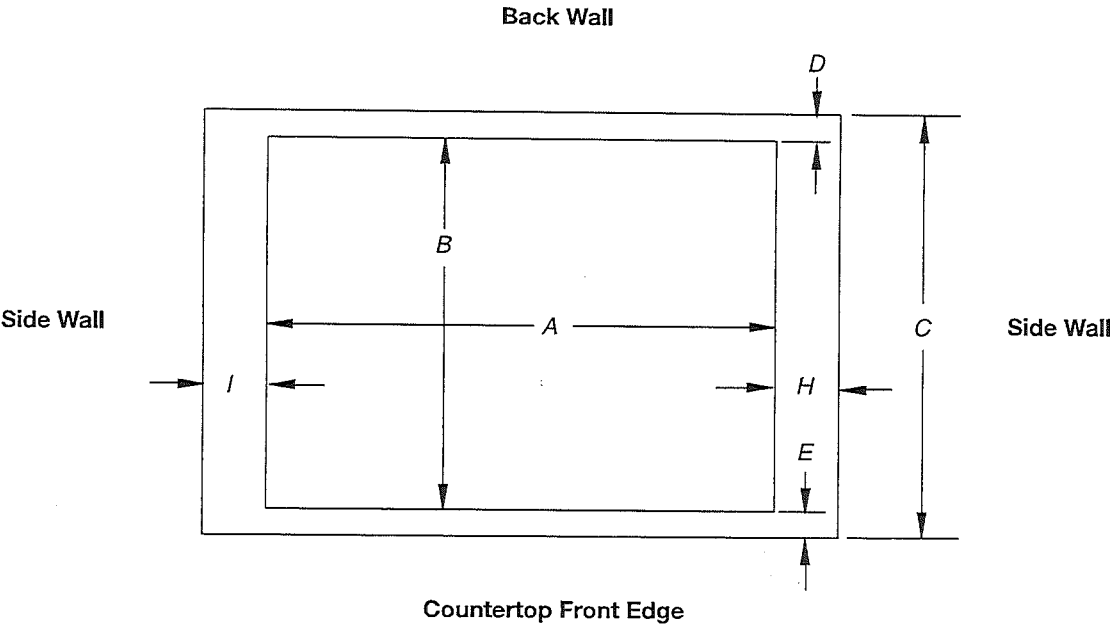


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- A. 13" (33.0 cm) recommended upper cabinet depth.
- B. 30" (76.2 cm) for 30" models; 36" (91.4 cm) for 36" models.
- C. 18" (45.7 cm) minimum clearance from upper cabinet to countertop within minimum horizontal clearances to cooktop.
- D. 30" (76.2 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 ¼" [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
- E. 36" (91.4 cm) top of countertop to floor.
- F. Gas line opening - Wall: anywhere 5" (12.7 cm) below underside of countertop. Cabinet floor: anywhere within 6" (15.2 cm) of rear wall is recommended.

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Cutout (Product Opening) Dimensions						
30" (76.2 cm) Models						
Models	A			B		
	Min	Recommended	Max	Min	Recommended	Max
KCGS550 and KCGS950	28 1/2" (72.4 cm)	28 7/8" (73.4 cm)	29 5/16" (74.3 cm)	19 1/2" (49.5 cm)	19 13/16" (50.2 cm)	20" (50.8 cm)
All Other 30" (76.2 cm) Models	28 1/2" (72.4 cm)	28 7/8" (73.4 cm)	29 5/16" (74.3 cm)	19" (48.3 cm)	19 1/2" (49.5 cm)	20" (50.8 cm)
36" (91.4 cm) Models						
KCGS556 and KCGS956	34 7/8" (88.4 cm)	35 3/16" (89.4 cm)	35 5/8" (90.3 cm)	19 1/2" (49.5 cm)	19 13/16" (50.2 cm)	20" (50.8 cm)
All Other 36" (91.4 cm) Models	33 7/8" (86.0 cm)	34 3/16" (87.0 cm)	35 1/4" (89.5 cm)	19" (48.3 cm)	19 1/2" (49.5 cm)	20" (50.8 cm)

Side Walls (Combustible Surfaces)	
Models	H and I
KCGS5 and KCGS9	H and I added together must be at least 48" (122.0 cm), with each side individually being at least 8" (20.3 cm).
KCGS350, KCGS356, MGC9536, WCG97US0, WCG97US6	H and I added together must be at least 48" (122.0 cm), with each side individually being at least 12" (30.5 cm).
All Other Models	Both have to be 8" (20.3 cm) or more.

Back Wall and Countertop Front Dimensions			
Models	C	D	E
KCGS550 and KCGS950	25" (63.5 cm)	2 7/8" (7.3 cm)	2 3/4" (6.9 cm)
All Other Models			3 1/8" (7.9 cm)

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.

If cabinet has a drawer, a 4" (10.2 cm) depth clearance from the countertop to the top of the drawer (or other obstruction) in base cabinet is required. The drawer depth may need to be shortened to avoid interfering with the regulator.

IMPORTANT: If a built-in wall oven is to be installed below this cooktop, the grounded outlet and gas supply piping must be located in an adjacent cabinet.

This cooktop and its gas and electrical supply sources must be installed before the undercounter built-in wall oven is installed.

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30" (72.6 cm) and 36" (91.4 cm) Wall-Mount Canopy Range Hood

PRODUCT MODEL NUMBERS

KVWB600D

KVWB606D

Electrical: A 120 volt, 60 Hz., AC only, 15-amp, fused electrical circuit is required.

VENTING METHODS

This canopy range hood is factory set for venting through the roof or through the wall.

A 6" (15.2 cm) round vent system is needed for installation (not included). The hood exhaust opening is 6" (15.2 cm) round.

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

Vent system can terminate either through the roof or wall. To vent through a wall, a 90° elbow is needed.

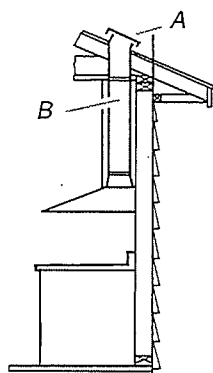
Rear Discharge

A 90° elbow may be installed immediately above the hood.

For Non-Vented (Recirculating) Installations

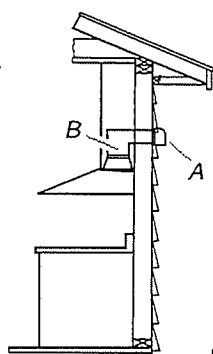
If it is not possible to vent cooking fumes and vapors to the outside, the hood can be used in the non-vented (recirculating) version, using a Recirculation Kit (which includes charcoal filters and a deflector). To order, see the "Assistance or Service" section.

Roof Venting



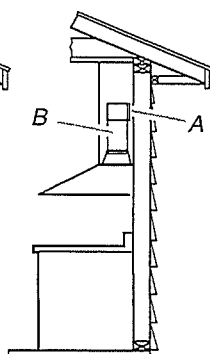
A. Roof cap
B. 6" (15.2 cm)
round vent

Wall Venting



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

Non-Vented (Recirculating)





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

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.

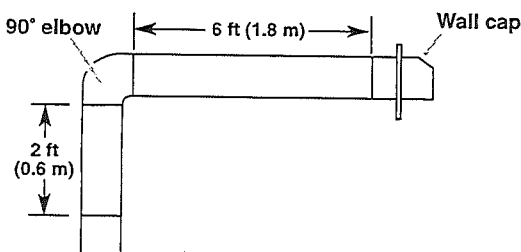
Vent System

Vent Piece	6" (15.2 cm) Round	
45° elbow	2.5 ft (0.8 m)	
90° elbow	5.0 ft (1.5 m)	

Maximum equivalent vent length is 35 ft (10.7 m).

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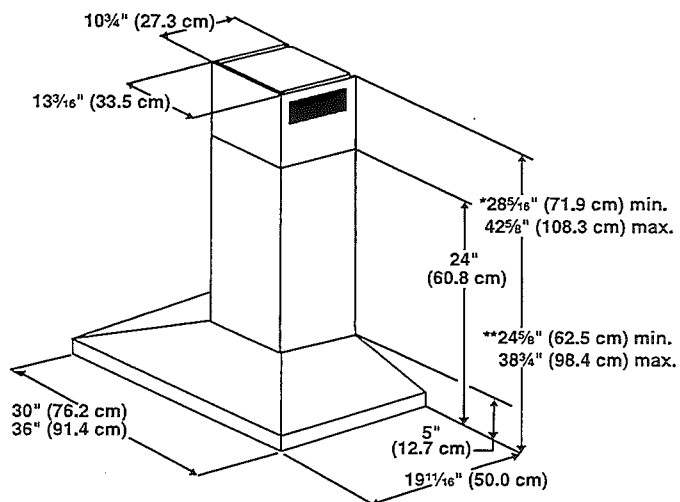
Example Vent System



The following example falls within the maximum recommended vent length of 35 ft (10.7 m).

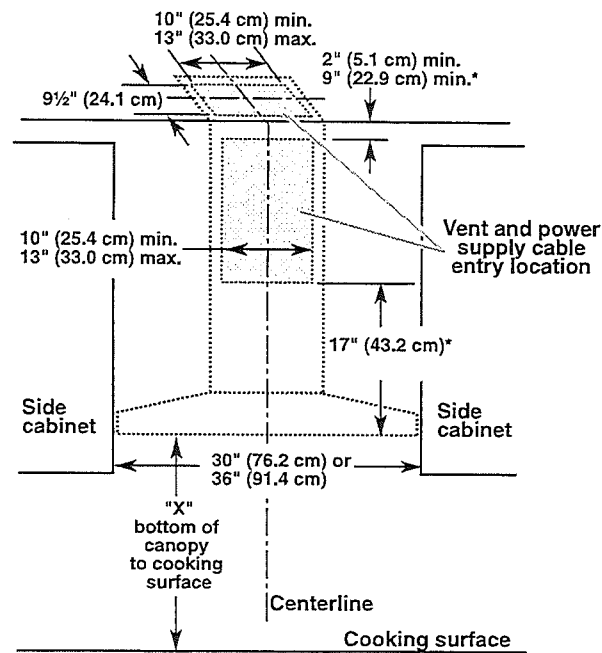
1 - 90° elbow	= 5.0 ft (1.5 m)
1 - wall cap	= 0.0 ft (0.0 m)
8 ft (2.4 m) straight	= 8.0 ft (2.4 m)
<hr/> Length of system	<hr/> = 13.0 ft (3.9 m)

PRODUCT DIMENSIONS



*For non-vented (recirculating) installations

****For vented installations**



*For non-vented (recirculating) installations

The chimneys can be adjusted for different ceiling heights. See the following chart.

Vented Installations		
	Min. ceiling height	Max. ceiling height
Electric cooking surface	7' 1" (2.16 m)	9' 2" (2.79 m)
Gas cooking surface	7' 4" (2.23 m)	9' 2" (2.79 m)

Non-vented (recirculating) Installations		
	Min. ceiling height	Max. ceiling height
Electric cooking surface	7' 1" (2.16 m)	9' 6" (2.9 m)
Gas cooking surface	7' 4" (2.23 m)	9' 6" (2.9 m)

***NOTE:** The range hood chimneys are adjustable and designed to meet varying ceiling or soffit heights depending on the distance “X” between the bottom of the range hood and the cooking surface. For higher ceilings, a Chimney Extension Kit is available from your dealer or an authorized parts distributor. The chimney extension replaces the chimney shipped with the range hood. To order, see the “Assistance or Service” section.

IMPORTANT:

- Minimum distance “X”: 24" (61.0 cm) from electric cooking surface.
- Minimum distance “X”: 27" (68.6 cm) from gas cooking surfaces.
- Suggested maximum distance “X”: 36" (91.4 cm)

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