

**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.

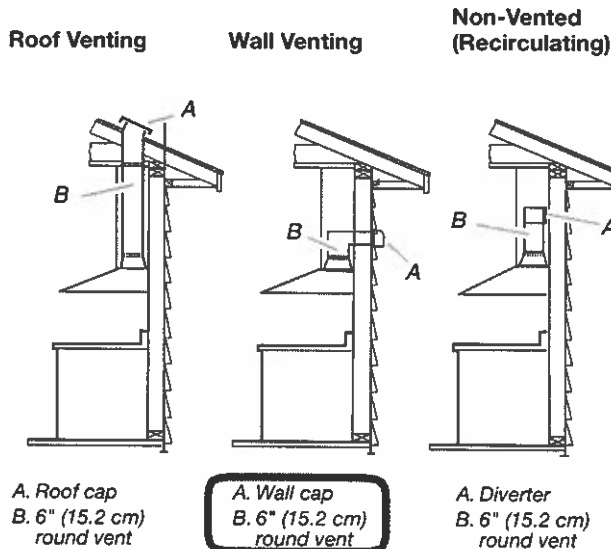
Vent system can terminate either through the roof or wall. To vent through a wall, a 90° elbow is needed.

**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.



**Calculating Vent System Length**

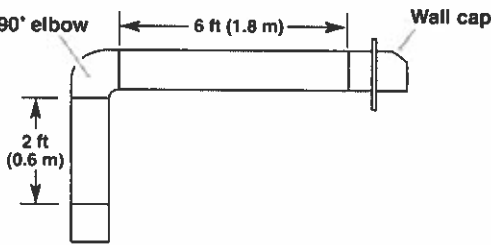
To calculate the length of the system you need, add the equivalent feet (meters) for each vent piece used in the system.

**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).

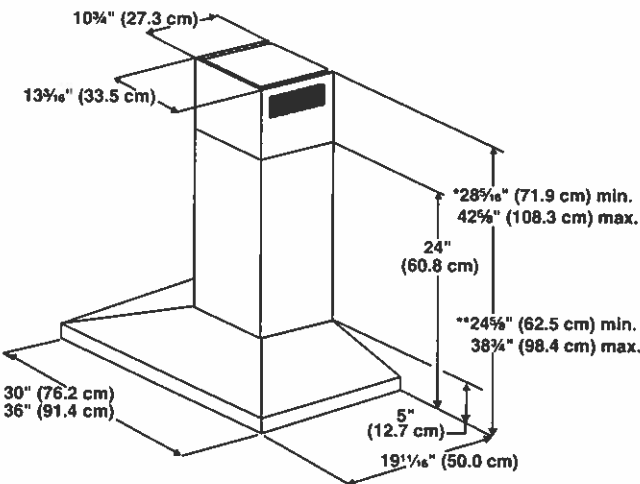
**Example Vent System**



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)
Length of system	= 13.0 ft (3.9 m)

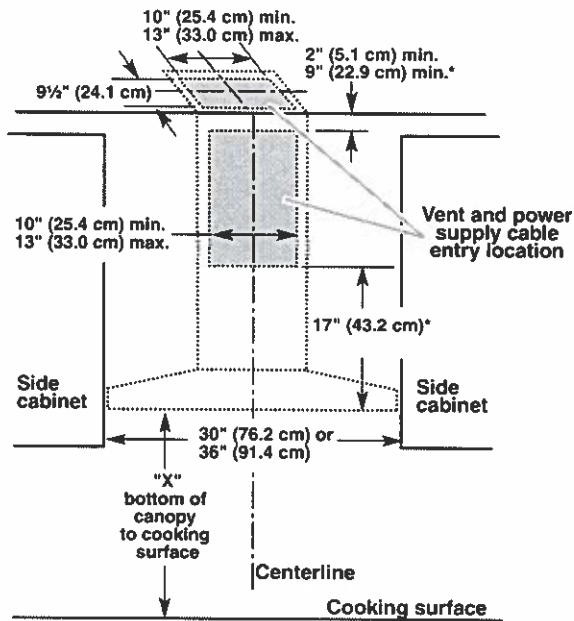
**PRODUCT DIMENSIONS**



\*For non-vented (recirculating) installations

\*\*For vented installations

CABINET DIMENSIONS



\*For non-vented (recirculating) installations

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)

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.

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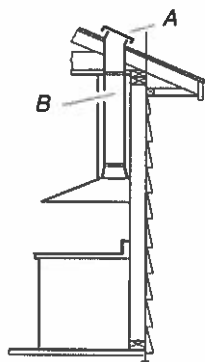
Rear Discharge

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

For Non-Vented (Recirculating) Installations

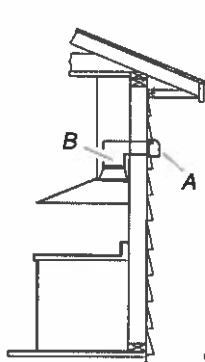
If it is not possible to vent cooking fumes and vapors to the outside, the hood can be used in the non-vented (recirculating) version, using a Recirculation Kit (which includes charcoal filters and a deflector). To order, see the "Assistance or Service" section.

Roof Venting



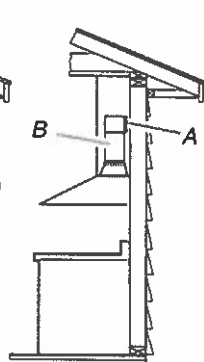
A. Roof cap  
B. 6" (15.2 cm)  
round vent

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

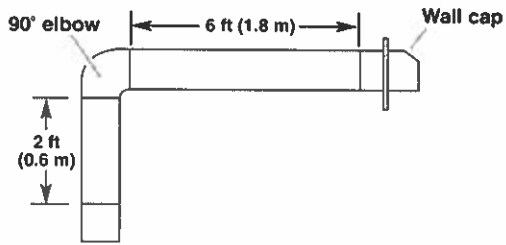
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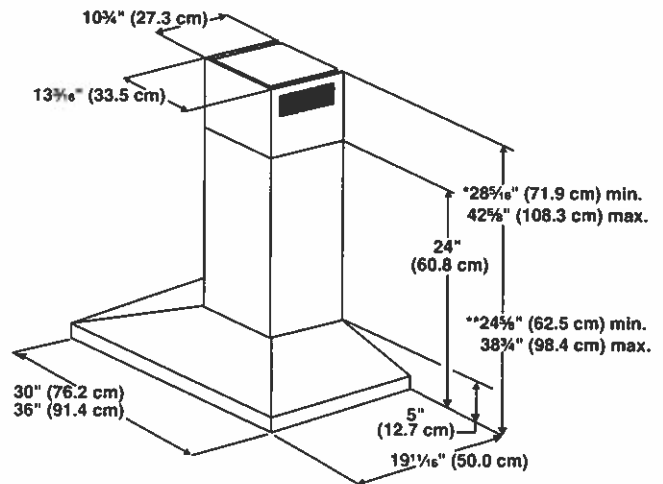
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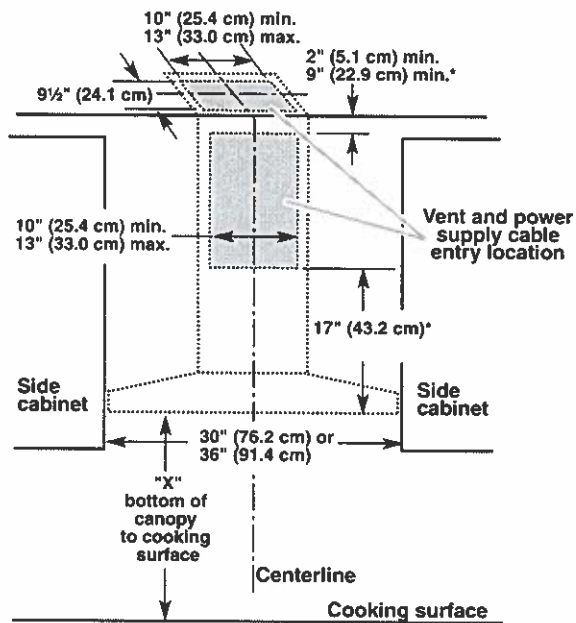
PRODUCT DIMENSIONS



\*For non-vented (recirculating) installations

\*\*For vented installations

CABINET DIMENSIONS



\*For non-vented (recirculating) installations

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- Minimum distance "X": 27" (68.6 cm) from gas cooking surfaces.
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Vented Installations		
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Non-vented (recirculating) Installations		
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PRODUCT MODEL NUMBERS

KRMF606E      KRMF706E

**Electrical:** A 115 volt, 60 Hz, AC only, 15- or 20-amp fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your refrigerator be provided. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

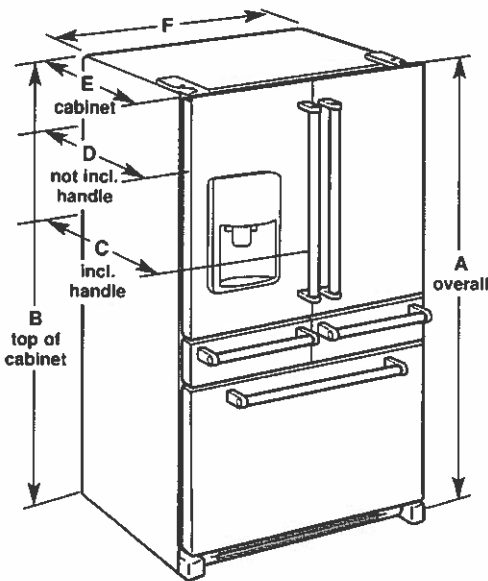
**Water:** A cold water supply with water pressure between 35 and 120 psi (241 and 827 kPa) is required to operate the water dispenser and ice maker. If you have questions about your water pressure, call a licensed, qualified plumber.

**NOTE:** If the water pressure is less than what is required, the flow of water from the water dispenser could decrease or ice cubes could be hollow or irregular shaped.

**Reverse Osmosis Water Supply:**  
**IMPORTANT:** The pressure of the water supply coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 35 and 120 psi (241 and 827 kPa).  
If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa).

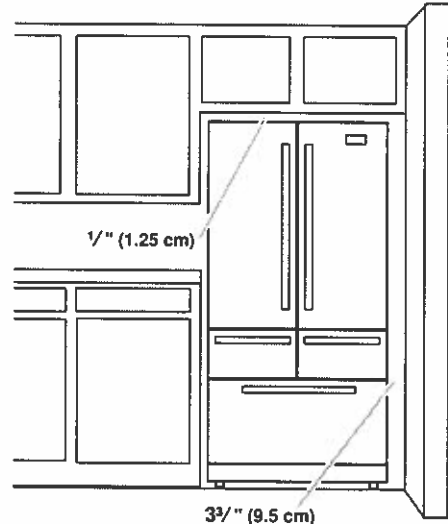
Bottom Mount Refrigerator

PRODUCT DIMENSIONS



Model Size	Height - Overall "A"	Height - Top of Cabinet "B"	Depth - With Handles "C"	Depth - Without Handles "D"	Depth - Cabinet Only "E"	Width - Cabinet "F"
25.8	70 1/2" (178.1 cm)	68 3/4" (173.7 cm)	36 1/2" (92.1 cm)	34 1/2" (87.7 cm)	29" (73.7 cm)	35 5/8" (90.5 cm)

LOCATION REQUIREMENTS



**IMPORTANT:** This refrigerator is designed for indoor, household use only.  
To ensure proper ventilation for your refrigerator, allow for a 1/2" (1.25 cm) of space on each side and at the top. Allow for a 1" (2.54 cm) space behind the refrigerator. If your refrigerator has an ice maker, allow extra space at the back for the water line connections. When installing your refrigerator next to a fixed wall, leave a 3 3/8" (9.5 cm) minimum space between the refrigerator and wall to allow the door to swing open.  
**NOTE:** This refrigerator is intended for use in a location where the temperature ranges from a minimum of 55°F (13°C) to a maximum of 110°F (43°C). The preferred room temperature range for optimum performance, which reduces electricity usage and provides superior cooling, is between 60°F (15°C) and 90°F (32°C). It is recommended that you do not install the refrigerator near a heat source, such as an oven or radiator.



Lot # 7  
Aug 15, 22

# KitchenAid® 27" (68.6 cm) and 30" (76.2 cm) Electric Built-In Microwave/Oven Combination

## PRODUCT MODEL NUMBERS

KEMS309E

KOCE500E

KOCE507E

## ELECTRICAL CONNECTION

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

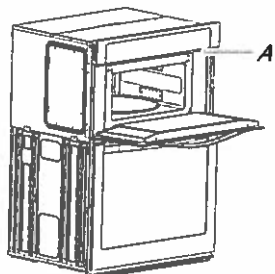
Check with a qualified electrical installer if you are not sure the oven is properly grounded.

This oven must be connected to a grounded metal, permanent wiring system.

Be 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.

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

- Oven must be connected to the proper electrical voltage and frequency as specified on the model/serial/rating plate. See the following illustration.



A. Model/serial/rating plate

- Models rated from 7.3 to 9.6 kW at 240 volts (5.4 to 7.4 kW at 208 volts) require a separate 40-amp circuit. Models rated at 4.8 kW and below at 240 volts (3.6 kW and below at 208 volts) require a separate 30-amp circuit.
- A circuit breaker is recommended.
- Connect directly to the fused disconnect (or circuit breaker box) through flexible, armored or nonmetallic sheathed, copper cable (with grounding wire). See "Make Electrical Connection" section.
- Flexible conduit from the oven should be connected directly to the junction box.
- Do not cut the conduit. The length of conduit provided is for serviceability of the oven.
- A UL listed or CSA approved conduit connector must be provided.
- If the house has aluminum wiring, follow the procedure below:
  - Connect a section of solid copper wire to the pigtail leads.
  - 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.

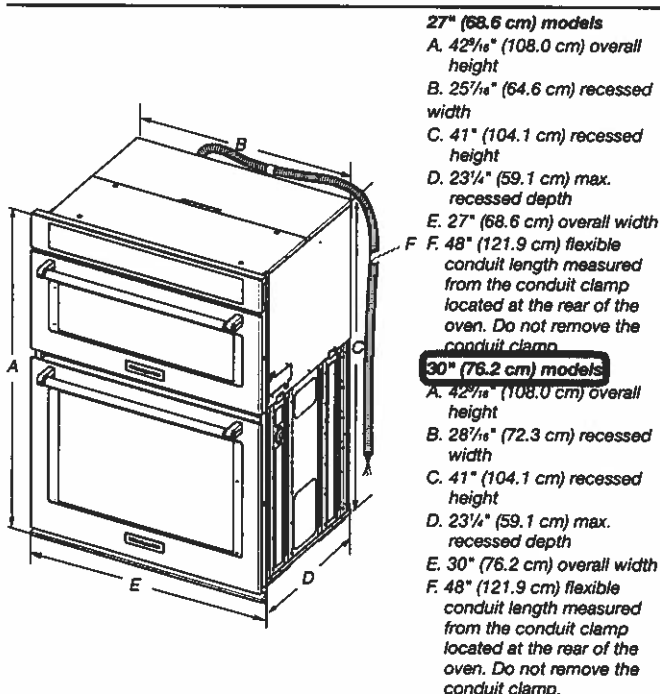
For power requirements, refer to the following table.

Model	Voltage	Amperage (L1)*	Amperage (L2)*	Rating (W)
KOCE507E/KOCE500E	120/240	32	30	8000
KOCE507E/KOCE500E	120/208	30	28	6600

\*Amperage values noted above are for information purposes only: the units are rated in watts.

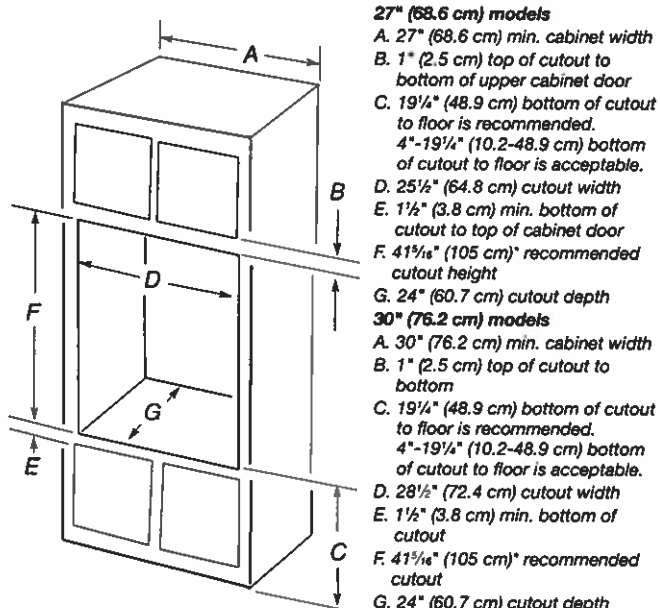
Because Whirlpool Corporation includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice.

## PRODUCT DIMENSIONS



- 27" (68.6 cm) models**
- A. 42<sup>5</sup>/<sub>16</sub>" (108.0 cm) overall height
  - B. 25<sup>7</sup>/<sub>16</sub>" (64.6 cm) recessed width
  - C. 41" (104.1 cm) recessed height
  - D. 23<sup>1</sup>/<sub>4</sub>" (59.1 cm) max. recessed depth
  - E. 27" (68.6 cm) overall width
  - F. 48" (121.9 cm) flexible conduit length measured from the conduit clamp located at the rear of the oven. Do not remove the conduit clamp.
- 30" (76.2 cm) models**
- A. 42<sup>5</sup>/<sub>16</sub>" (108.0 cm) overall height
  - B. 28<sup>7</sup>/<sub>16</sub>" (72.3 cm) recessed width
  - C. 41" (104.1 cm) recessed height
  - D. 23<sup>1</sup>/<sub>4</sub>" (59.1 cm) max. recessed depth
  - E. 30" (76.2 cm) overall width
  - F. 48" (121.9 cm) flexible conduit length measured from the conduit clamp located at the rear of the oven. Do not remove the conduit clamp.

## Cabinet Dimensions



- 27" (68.6 cm) models**
- A. 27" (68.6 cm) min. cabinet width
  - B. 1" (2.5 cm) top of cutout to bottom of upper cabinet door
  - C. 19<sup>1</sup>/<sub>4</sub>" (48.9 cm) bottom of cutout to floor is recommended. 4"-19<sup>1</sup>/<sub>4</sub>" (10.2-48.9 cm) bottom of cutout to floor is acceptable.
  - D. 25<sup>1</sup>/<sub>2</sub>" (64.8 cm) cutout width
  - E. 1<sup>1</sup>/<sub>2</sub>" (3.8 cm) min. bottom of cutout to top of cabinet door
  - F. 41<sup>1</sup>/<sub>8</sub>" (105 cm)\* recommended cutout height
  - G. 24" (60.7 cm) cutout depth
- 30" (76.2 cm) models**
- A. 30" (76.2 cm) min. cabinet width
  - B. 1" (2.5 cm) top of cutout to bottom
  - C. 19<sup>1</sup>/<sub>4</sub>" (48.9 cm) bottom of cutout to floor is recommended. 4"-19<sup>1</sup>/<sub>4</sub>" (10.2-48.9 cm) bottom of cutout to floor is acceptable.
  - D. 28<sup>1</sup>/<sub>2</sub>" (72.4 cm) cutout width
  - E. 1<sup>1</sup>/<sub>2</sub>" (3.8 cm) min. bottom of cutout
  - F. 41<sup>1</sup>/<sub>8</sub>" (105 cm)\* recommended cutout
  - G. 24" (60.7 cm) cutout depth

\* NOTE: The cabinet height can be between 41" (104.1 cm) and 41<sup>1</sup>/<sub>2</sub>" (105.6 cm) for microwave/oven combination.

Dimensions are for planning purposes only. For complete details, see Installation Instructions packed with product. Specifications subject to change without notice.

Ref. W10725683B  
2/10/15