

KitchenAid®

FOR THE WAY IT'S MADE.®

Wall-Mount Canopy Range Hood

30" option



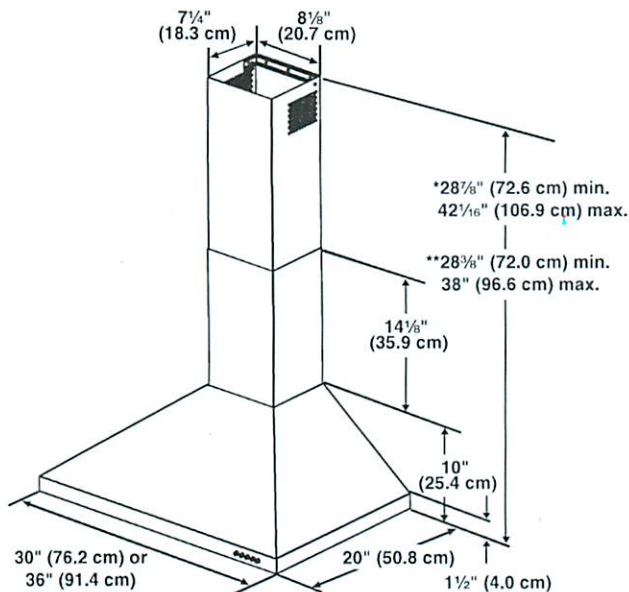
PRODUCT MODEL NUMBERS

KVWB400D

KVWB406B

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

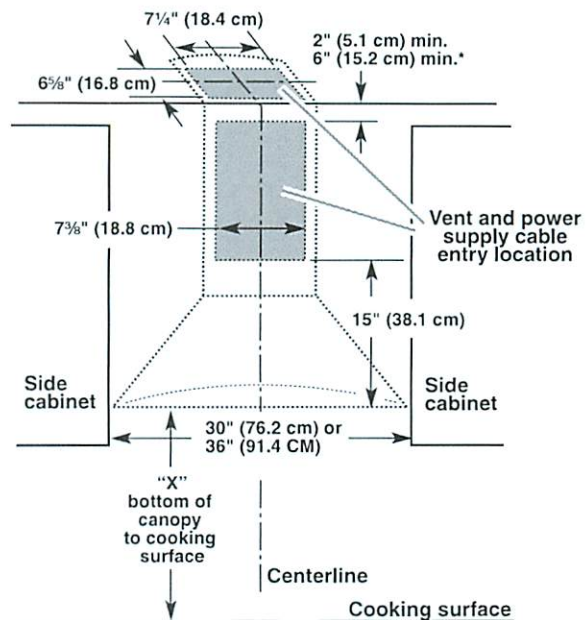
PRODUCT DIMENSIONS



*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' 5" (2.26 m)	9' 2" (2.79 m)
Gas cooking surface	7' 8" (2.34 m)	9' 2" (2.79 m)
Non-vented (recirculating) Installations		
	Min. ceiling height	Max. ceiling height
Electric cooking surface	7' 5" (2.26 m)	9' 6" (2.9 m)
Gas cooking surface	7' 8" (2.34 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 Stainless Steel Chimney Extension Kit Part Number W10337357 is available from your dealer or an authorized parts distributor. The chimney extension replaces the upper chimney shipped with the range hood.

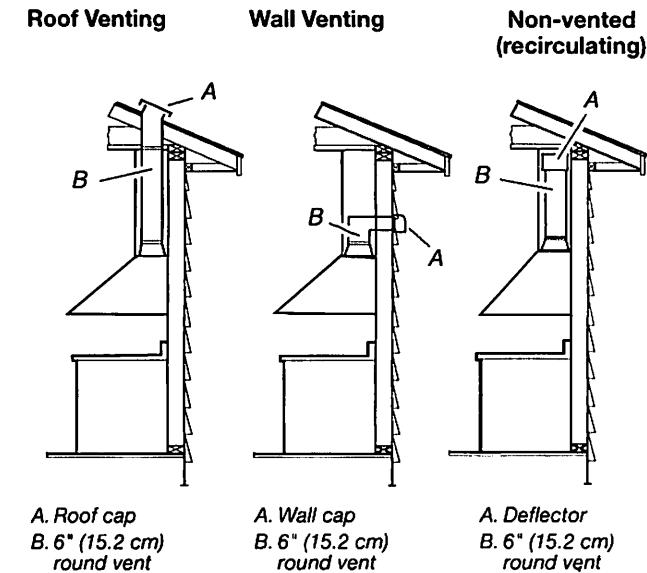
VENTING METHODS

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

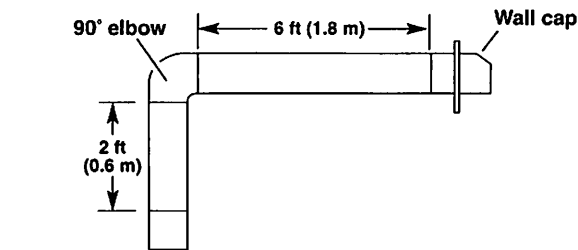
For Non-Vented (recirculating) Installations
If it is not possible to vent cooking fumes and vapors to the outside, the hood can be used in the non-vented (recirculating) version, using a Recirculation Kit (which includes charcoal filters and a deflector). To order, see the "Assistance or Service" section.



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 Piece	6" (15.2 cm)
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)

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

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:

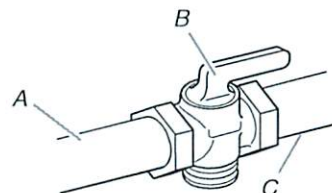
- If local codes permit, use a 1/2" or 3/4" I.D. flexible stainless steel tubing gas connector, designed by CSA to connect the cooktop to the rigid gas supply line.



- 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

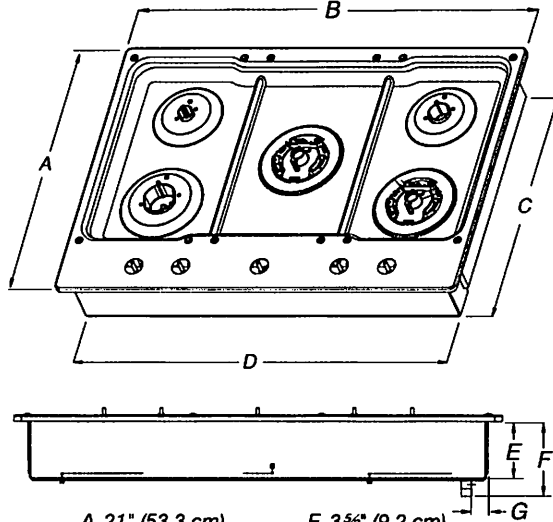
[†]TEFLON is a registered trademark of E.I. Du Pont De Nemours and Company.

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.

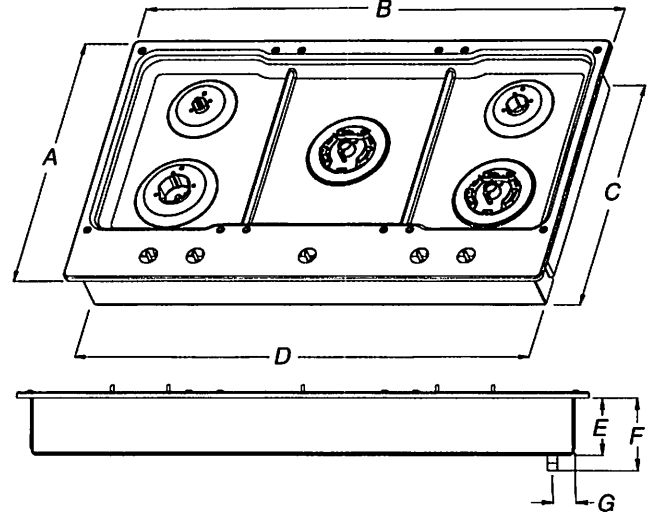
PRODUCT DIMENSIONS

KCGS550ESS and KCGS950ESS Models



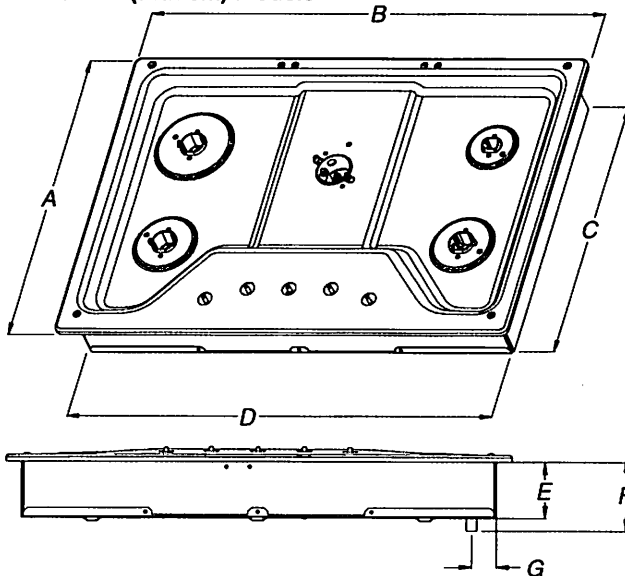
- | | |
|----------------------|----------------------|
| A. 21" (53.3 cm) | E. 3 3/8" (9.2 cm) |
| B. 30" (76.2 cm) | F. 4 1/16" (11.6 cm) |
| C. 19 3/8" (49.2 cm) | G. 1 3/8" (3.4 cm) |
| D. 28 3/8" (72.1 cm) | |

KCGS556ESS and KCGS956ESS Models



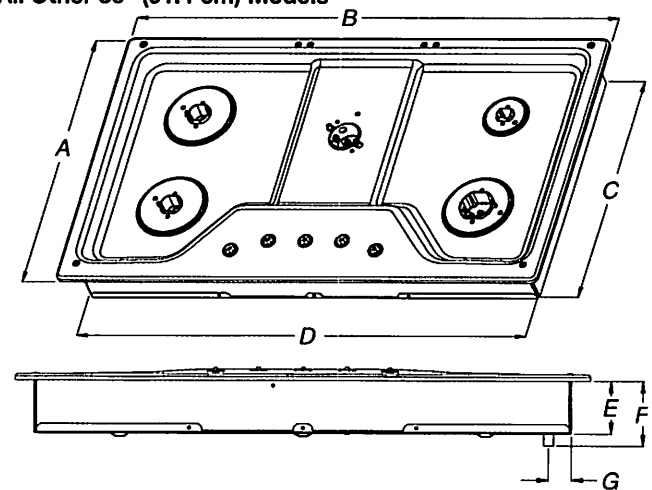
- | | |
|----------------------|----------------------|
| A. 21" (53.3 cm) | E. 3 3/8" (9.2 cm) |
| B. 36 1/4" (92.0 cm) | F. 4 1/16" (11.6 cm) |
| C. 19 3/8" (49.2 cm) | G. 1 7/16" (3.6 cm) |
| D. 34 3/8" (88.1 cm) | |

All Other 30" (76.2 cm) Models



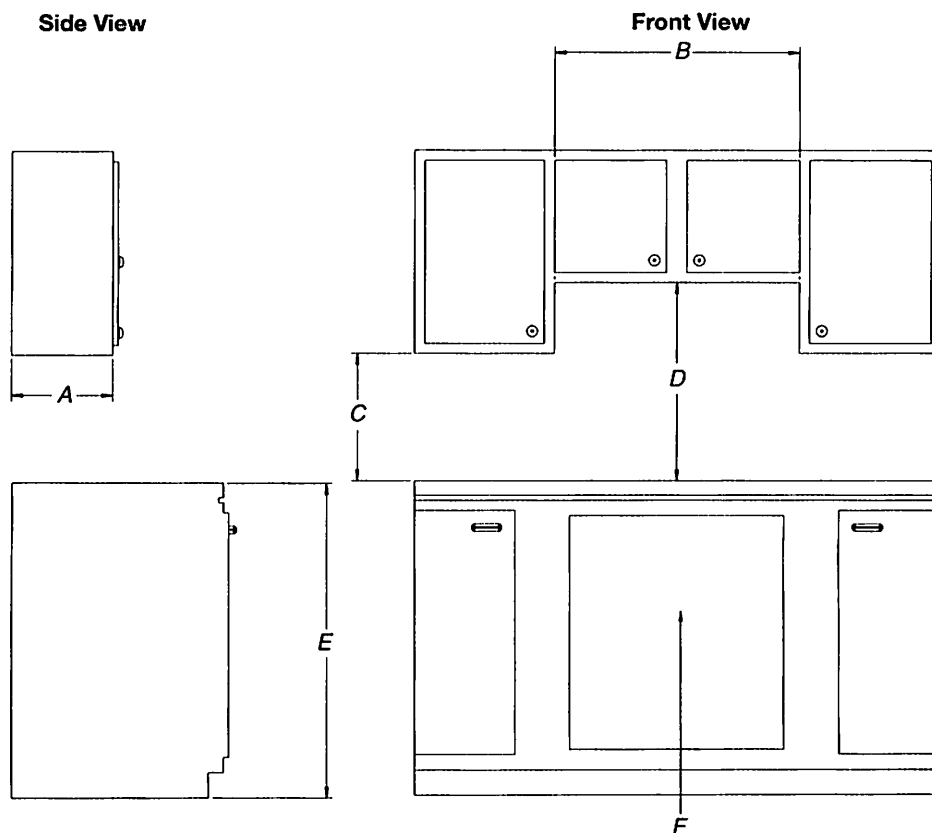
- | | |
|----------------------|---------------------|
| A. 21" (53.3 cm) | E. 3 3/8" (8.6 cm) |
| B. 30" (76.2 cm) | F. 4 1/8" (10.5 cm) |
| C. 18 7/8" (48.0 cm) | G. 1 1/8" (3.8 cm) |
| D. 28 3/8" (72.1 cm) | |

All Other 36" (91.4 cm) Models



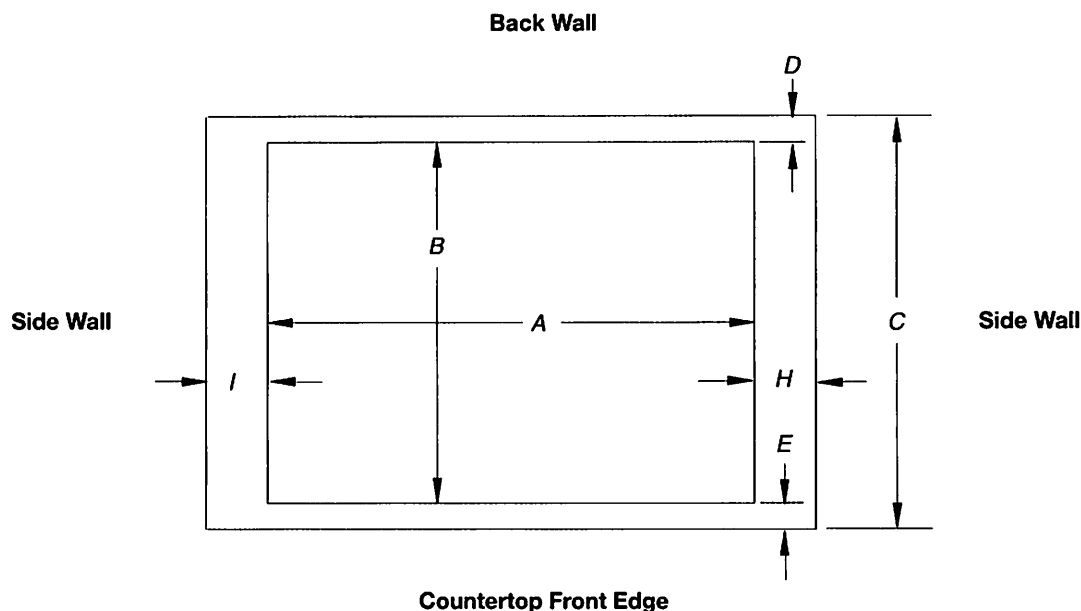
- | | |
|----------------------|---------------------|
| A. 21" (53.3 cm) | E. 3 3/8" (8.6 cm) |
| B. 36" (91.4 cm) | F. 4 1/8" (10.5 cm) |
| C. 18 7/8" (48.0 cm) | G. 1 1/2" (3.8 cm) |
| D. 33 3/4" (85.7 cm) | |

CABINET DIMENSIONS



- 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.

CABINET DIMENSIONS (cont.)



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 3/8" (74.3 cm)	19 1/2" (49.5 cm)	19 3/8" (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 3/8" (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 3/8" (89.4 cm)	35 3/8" (90.3 cm)	19 1/2" (49.5 cm)	19 3/8" (50.2 cm)	20" (50.8 cm)
All Other 36" (91.4 cm) Models	33 7/8" (86.0 cm)	34 3/8" (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.

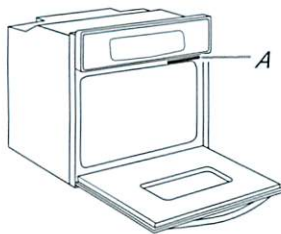
27" (68.6 CM) AND 30" (76.2 CM) ELECTRIC SINGLE AND DOUBLE BUILT-IN OVEN

PRODUCT MODEL NUMBERS

KODE300E	KODT100E	KOST100E
KODE307E	KODT107E	KOST107E
KODE500E	KOSE500E	KEBS109E
KODE507E	KOSE507E	KEBS209E
		KEBS207E

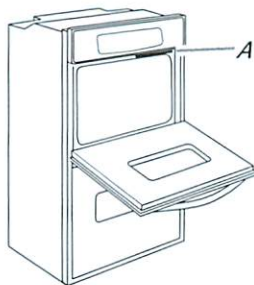
Electrical: To properly install your oven, you must determine the type of electrical connection you will be using and follow the instructions provided for it here.

- Oven must be connected to the proper electrical voltage and frequency as specified on the model/serial number rating plate. The model/serial number rating plate is located under the control panel on single ovens and under the control panel on the upper oven cavity on double ovens. See the following illustrations.



Single Oven

A. Model/serial number plate



Double Oven

A. Model/serial number plate

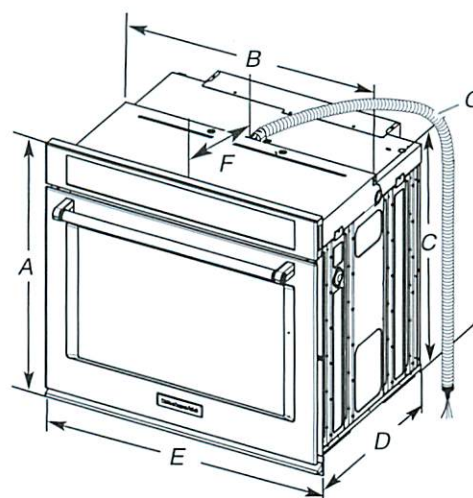
- Models rated from 7.3 to 9.6 kW at 240 volts (5.4 to 7.4 kW at 208 volts) require a separate 40-amp circuit. Models rated at 4.8 kW and below at 240 volts (3.6 kW and below at 208 volts) require a separate 20-amp circuit.
- A circuit breaker is recommended.
- Connect directly to the circuit breaker box (or fused disconnect) 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.
- Fuse both sides of the line.
- 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 ends of the flexible conduit 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 for models KOST107E, KOST100E, KOSE507E, KOSE500E, KODE307E, KODE300E, KODE507E, KODE500E, KODT100E and KODT107E, refer to the following table.

Voltage	Single Thermal	Single Convect	Double Thermal	Double Convect	Double Convect/Thermal
240 VAC	4100 W	4100 W	8163 W	8300 W	8300 W
208 VAC	3100 W	3100 W	6300 W	6300 W	6300 W
240 VAC	17.2 A	17.2 A	34.2 A	34.2 A	34.2 A
208 VAC	15.0 A	15.0 A	29.9 A	29.9 A	29.9 A

PRODUCT DIMENSIONS

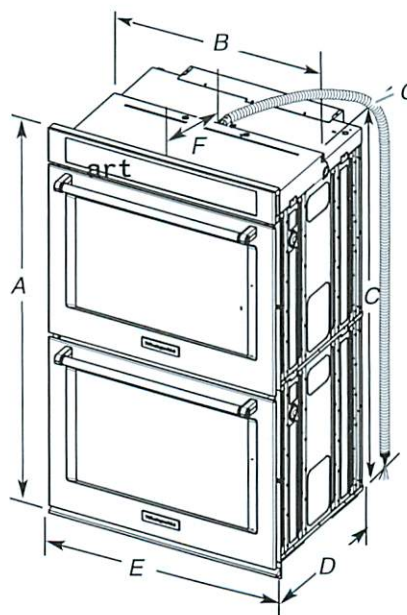


27" (68.6 cm) models

- A. 28³/₄" (72.8 cm) max. overall height
- B. 25⁷/₁₆" (64.6 cm) max. recessed width
- C. 26³/₄" (67.9 cm) recessed height
- D. 23¹/₄" (59.1 cm) max. recessed depth
- E. 27" (68.6 cm) overall width
- F. 12" (30.5 cm) from back of control panel to start of strain relief
- G. 48" (121.9 cm) flexible conduit length

30" (76.2 cm) models

- A. 28³/₄" (72.8 cm) max. overall height
- B. 28¹/₂" (72.4 cm) max. recessed width
- C. 26³/₄" (67.9 cm) recessed height
- D. 23¹/₄" (59.1 cm) max. recessed depth
- E. 30" (76.2 cm) overall width
- F. 12" (30.5 cm) from back of control panel to start of strain relief
- G. 48" (121.9 cm) flexible conduit length



27" (68.6 cm) models

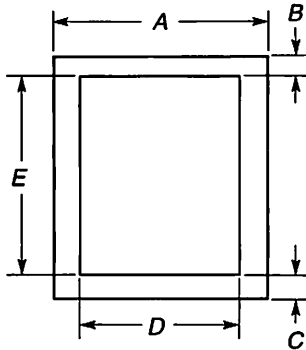
- A. 51¹/₁₆" (130.0 cm) max. overall height
- B. 25⁷/₁₆" (64.6 cm) max. recessed width
- C. 48¹³/₁₆" (124.0 cm) recessed height
- D. 23¹/₄" (59.1 cm) max. recessed depth
- E. 27" (68.6 cm) overall width
- F. 12" (30.5 cm) from back of control panel to start of strain relief
- G. 66" (167.6 cm) flexible conduit length

30" (76.2 cm) models

- A. 51¹/₁₆" (130.0 cm) max. overall height
- B. 28¹/₂" (72.4 cm) max. recessed width
- C. 48¹³/₁₆" (124.0 cm) recessed height
- D. 23¹/₄" (59.1 cm) max. recessed depth
- E. 30" (76.2 cm) overall width
- F. 12" (30.5 cm) from back of control panel to start of strain relief
- G. 66" (167.6 cm) flexible conduit length

CABINET DIMENSIONS - SINGLE OVENS

Single Oven Undercounter (without cooktop installed above)



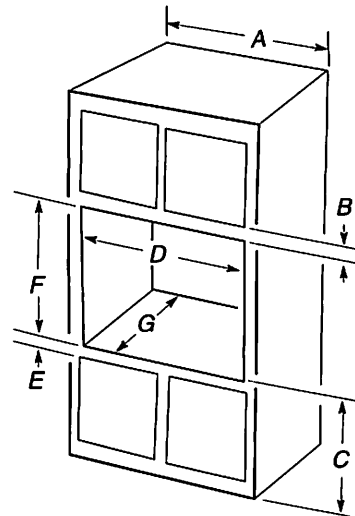
27" (68.6 cm) models

- A. 27" (68.6 cm) min. cabinet width
- B. 1½" (3.8 cm) min. top of cutout to underside of countertop
- C. 5¼" (13.3 cm) bottom of cutout to floor
- D. 25½" (64.8 cm) cutout width
- E. 28" (71.2 cm) min. cutout height

30" (76.2 cm) models

- A. 30" (76.2 cm) min. cabinet width
- B. 1½" (3.8 cm) min. top of cutout to underside of countertop
- C. 5¼" (13.3 cm) bottom of cutout to floor
- D. 28½" (72.4 cm) cutout width
- E. 28" (71.2 cm) min. cutout height

Single Ovens Installed in Cabinet



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. 32" (81.3 cm) bottom of cutout to floor
- D. 25½" (64.8 cm) cutout width
- E. 1½" (3.8 cm) min. bottom of cutout to top of cabinet door
- F. 28" (71.2 cm)* recommended cutout height
- G. 24" (60.7 cm) cutout depth

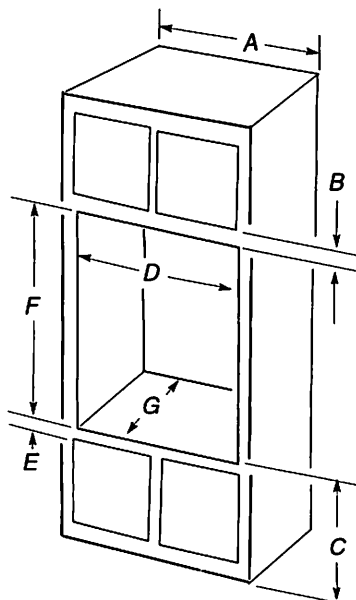
30" (76.2 cm) models

- A. 30" (76.2 cm) min. cabinet width
- B. 1" (2.5 cm) top of cutout to bottom of upper cabinet door
- C. 32" (81.3 cm) bottom of cutout to floor
- D. 28½" (72.4 cm) cutout width
- E. 1½" (3.8 cm) min. bottom of cutout to top of cabinet door
- F. 28" (71.2 cm)* recommended cutout height
- G. 24" (60.7 cm) cutout depth

***NOTE:** The cutout height can be between 26½" (68.4 cm) and 29½" (74.8 cm) for single ovens.

CABINET DIMENSIONS - SINGLE OVENS

Double Ovens Installed in Cabinet



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. 14¾" (37.5 cm) bottom of cutout to floor is recommended. 4"-14¾" (10.2-37.5 cm) bottom of cutout to floor is acceptable.
- D. 25½" (64.8 cm) cutout width
- E. 1½" (3.8 cm) min. bottom of cutout to top of cabinet door
- F. 50¼" (127.6 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 of upper cabinet door
- C. 14¾" (37.5 cm) bottom of cutout to floor is recommended. 4"-14¾" (10.2-37.5 cm) bottom of cutout to floor is acceptable.
- D. 28½" (72.4 cm) cutout width
- E. 1½" (3.8 cm) min. bottom of cutout to top of cabinet door
- F. 50¼" (127.6 cm)* recommended cutout height
- G. 24" (60.7 cm) cutout depth

***NOTE:** The cutout height can be between 48½" (124.1 cm) and 52½" (132.6 cm) for double ovens.

KitchenAid®

27" (68.6 cm) and 30" (76.2 cm) Electric Built-In Convection Microwave Oven

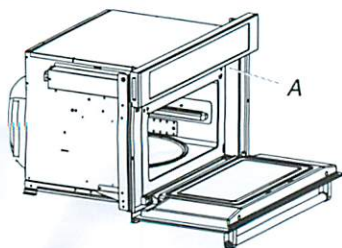
PRODUCT MODEL NUMBERS

KMBP100E

KMBP107E

ELECTRICAL CONNECTION

- Microwave oven must be connected to the proper electrical voltage and frequency as specified on the model/serial number rating plate. The model/serial/rating plate is located underneath the control panel, along the oven vent.

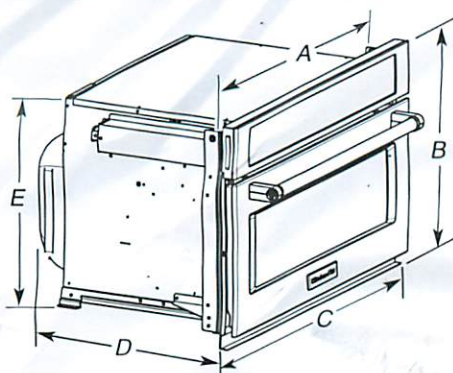


A. Model/serial/rating plate

- The microwave oven rated 120/240 volt, 20-amp, has 4 wires (L1, L2, N and G) in the flex conduit and should be connected to a 20-amp maximum rated circuit, overcurrent protected on both the L1 and L2 circuits.
- A time-delay fuse or circuit breaker is recommended.

PRODUCT DIMENSIONS

27" (68.6 cm) and 30" (76.2 cm) Microwave Ovens



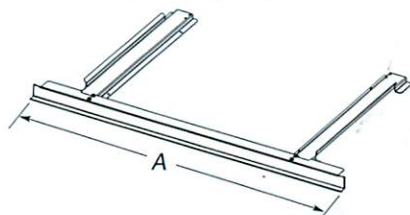
27" (68.6 cm) models

- A. 25 1/8" (64.5 cm)
- B. 18 5/8" (47.3 cm) overall height
- C. 26 3/4" (67.9 cm) overall width
- D. 21 1/2" (54.6 cm)
- E. 17 1/8" (44.1 cm)

30" (76.2 cm) models

- A. 28 5/8" (72.1 cm)
- B. 18 5/8" (47.3 cm) overall height
- C. 29 3/4" (75.6 cm) overall width
- D. 21 1/2" (54.6 cm)
- E. 17 1/8" (44.1 cm)

27" (68.6 cm) and 30" (76.2 cm) Microwave Oven Spacer Kit



27" (68.6 cm) models

- A. 26 1/8" (67.9 cm) overall width

30" (76.2 cm) models

- A. 29 3/4" (75.6 cm) overall width

NOTE: The microwave oven spacer kit will allow the microwave oven to be installed in a 17 3/8"-17 3/4" (44.1-45.1 cm) maximum cutout height.

A microwave oven spacer kit is available from your dealer that will allow the microwave oven to be installed in a 19"-19 1/16" (48.3-50.2 cm) maximum cutout height. Match the oven size to the following kits:

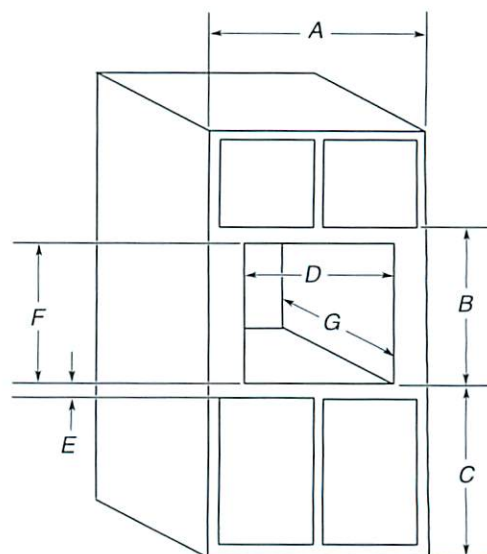
27" (68.6 cm) Stainless Steel - Model W10469901

30" (76.2 cm) Stainless Steel - Model W10469903

To order, see the "Assistance or Service" section of the Use and Care Guide.

CABINET DIMENSIONS

27" (68.6 cm) and 30" (76.2 cm) Microwave Ovens



27" (68.6 cm) models

- A. 27" (68.6 cm) min. cabinet width
- B. 18 5/8" (47.3 cm) from bottom of cutout to bottom of upper cabinet door
- C. 40" (101.6 cm) bottom of cutout to floor (recommended)
- D. 25 1/2" (64.8 cm) cutout width
- E. 1 1/2" (3.8 cm) min. bottom of cutout to top of cabinet door
- F. 17 1/8" (44.7 cm) recommended cutout height (will fit cutout height from 17 1/8" [44.1 cm] to 17 3/4" [45.1 cm])
- G. 21 1/8" (55.5 cm) min. cutout depth

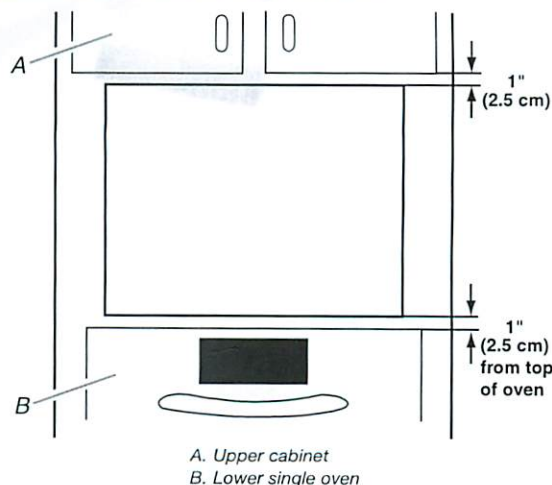
30" (76.2 cm) models

- A. 30" (76.2 cm) min. cabinet width
- B. 18 5/8" (47.3 cm) from bottom of cutout to bottom of upper cabinet door
- C. 40" (101.6 cm) bottom of cutout to floor (recommended)
- D. 28 1/2" (72.4 cm) cutout width
- E. 1 1/2" (3.8 cm) min. bottom of cutout to top of cabinet door
- F. 17 1/8" (44.7 cm) recommended cutout height (will fit cutout height from 17 1/8" [44.1 cm] to 17 3/4" [45.1 cm])
- G. 21 1/8" (55.5 cm) min. cutout depth

MINIMUM INSTALLATION CLEARANCES

For proper installation, the following minimum clearances must exist above and below the cabinet opening.

Installation Above Single Built-In Oven



A. Upper cabinet

B. Lower single oven

Approved models: KMBP100E and KMBP107E.

PRODUCT MODEL NUMBERS

KBFS20EC	KBFS25EC
KBFS22EC	KRFC300E
KRFF302E	KRFF305E

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.

NOTE: Before performing any type of installation, cleaning, or removing a light bulb, turn the control (Thermostat, Refrigerator or Freezer Control depending on the model) to OFF and then disconnect the refrigerator from the electrical source. When you are finished, reconnect the refrigerator to the electrical source and reset the control (Thermostat, Refrigerator or Freezer Control depending on the model) to the desired setting. See "Using the Controls."

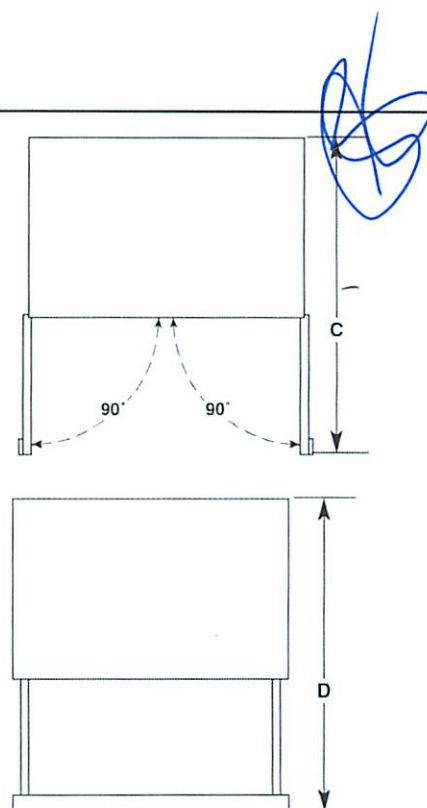
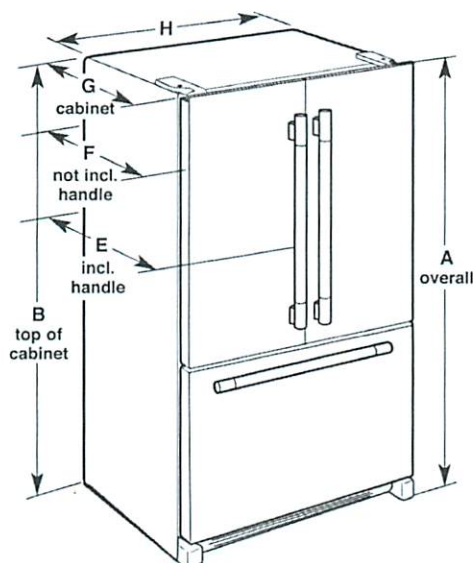
Water: A cold water supply with water pressure between 35 and 120 psi (241 and 827 kPa) is required to operate the ice maker and water dispenser. If you have questions about your water pressure, call a licensed, qualified plumber.

IMPORTANT: The pressure of the water 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).

Reverse Osmosis Water Supply: 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).

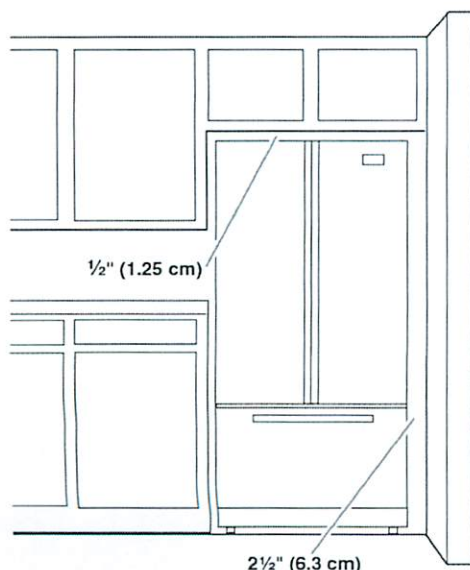
Bottom Mount Refrigerator

PRODUCT DIMENSIONS



Model Number/Size	Height - Overall "A"	Height - Top of Cabinet "B"	Depth - Doors Open 90° "C"	Depth - Drawer Open "D"	Depth - With Handles "E"	Depth - Without Handles "F"	Depth - Cabinet Only "G"	Width - Cabinet "H"
KBFS20EC 20.0 cu. ft.	70 ¹ / ₈ " (178.1 cm)	68 ¹ / ₂ " (174.0 cm)	43" (109.2 cm)	44 ¹ / ₂ " (113 cm)	29 ³ / ₈ " (74.6 cm)	28" (71.1 cm)	24 ¹ / ₈ " (61.3 cm)	35 ⁵ / ₈ " (90.5 cm)
KBFS22EC (21.7 cu. ft.)	70 ¹ / ₈ " (178.1 cm)	68 ¹³ / ₁₆ " (174.8 cm)	47 ¹ / ₁₆ " (119.5 cm)	52 ¹ / ₁₆ " (132.2 cm)	34 ⁷ / ₁₆ " (87.5 cm)	31 ⁵ / ₁₆ " (81.1 cm)	28 ¹ / ₈ " (71.4 cm)	32 ⁵ / ₈ " (82.9 cm)
KBFS25EC (24.8 cu. ft.)	70 ¹ / ₈ " (178.1 cm)	68 ¹³ / ₁₆ " (174.8 cm)	48 ¹ / ₁₆ " (122.1 cm)	53 ¹ / ₁₆ " (135 cm)	35 ⁷ / ₁₆ " (90 cm)	32 ⁵ / ₁₆ " (83.7 cm)	29 ¹ / ₈ " (74 cm)	35 ⁵ / ₈ " (90.5 cm)
KRFC300E (20 cu. ft.)	70 ¹ / ₈ " (178.1 cm)	68 ⁷ / ₈ " (174.9 cm)	43 ¹ / ₈ " (109.5 cm)	48 ¹ / ₈ " (122.2 cm)	29 ³ / ₈ " (74.6 cm)	26 ⁷ / ₈ " (66.87 cm)	24 ¹ / ₈ " (61.3 cm)	35 ³ / ₄ " (90.8 cm)
KRFF302E (22.1 cu. ft.)	70 ¹ / ₈ " (178.1 cm)	68 ⁷ / ₈ " (174.9 cm)	47 ¹ / ₁₆ " (122.2 cm)	52 ¹ / ₁₆ " (134.9 cm)	34 ¹ / ₂ " (90.2 cm)	32" (83.8 cm)	28 ¹ / ₈ " (74 cm)	32 ⁵ / ₈ " (83.5 cm)
KRFF305E (25.2 cu. ft.)	70 ¹ / ₈ " (178.1 cm)	68 ⁷ / ₈ " (174.9 cm)	48 ¹ / ₁₆ " (122.2 cm)	53 ¹ / ₁₆ " (134.9 cm)	35 ¹ / ₂ " (90.2 cm)	33" (83.8 cm)	29 ¹ / ₈ " (74 cm)	35 ⁵ / ₈ " (91.1 cm)

LOCATION REQUIREMENTS



To ensure proper ventilation for your refrigerator, allow for a 1/2" (1.25 cm) space on each side and at the top. Allow for 1" (2.54 cm) of space behind the refrigerator. If your refrigerator has an ice maker, make sure you leave some extra space at the back for the water line connections.

If you are installing your refrigerator next to a fixed wall, leave 2 1/2" (6.3 cm) minimum on the hinge side (some models require more) to allow for 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.

KitchenAid®

FOR THE WAY IT'S MADE.®

Undercounter Dishwasher

PRODUCT MODEL NUMBERS

KDPE204E, KDTE104E, KDTE204E, KDTE254E, KDTM354E, KDTM384E, KDTM404E, KDTM504E, KDTM704E, KDTM804E

Electrical Requirements: 120-volt, 60 Hz, AC-only, 15- or 20-amp. fused electrical supply. Copper wire only. A time delay fuse or circuit breaker and separate circuit is recommended.

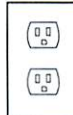
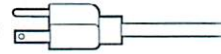
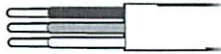
If direct wiring dishwasher: Use flexible, armored or nonmetallic, sheathed copper wire with grounding wire that meets the wiring requirements for your home and local codes and ordinances.

Use a UL Listed or CSA Approved conduit connector.

If connecting dishwasher with a power supply cord:

Use power supply cord kit (Part Number 4317824) marked for use with dishwashers. Follow the kit instructions for installing the power supply cord.

Power supply cord must plug into a grounded three-prong outlet located in the cabinet next to the dishwasher opening. Outlet must meet all local codes and ordinances.



Water Supply Requirements: A hot water line with 20 to 120 psi (138 to 862 kPa) water pressure. Water temperature must be 120°F (49°C) water at dishwasher. Use 3/8" O.D. copper tubing with compression fitting or flexible braided water supply line

Note: 1/2" minimum plastic tubing is not recommended.

Use a 90° elbow with 3/4" hose connection with rubber washer (part number W10273460). Do not solder within 6" (15.2 cm) from water inlet valve.

Drain Requirements: A new drain hose is supplied with your dishwasher. If this is not long enough, use a new drain hose with a maximum length of 12' (3.7 m) (Part No. 3385556) that meets all current AHAM/IAPMO test standards, is resistant to heat and detergent, and fits the 1" (2.5 cm) drain connector of the dishwasher.

Make sure to connect the drain hose to waste tee or disposer inlet above drain trap in house plumbing and 20" (50.8 cm) minimum above the floor. It is recommended

that the drain hose either be looped up and securely fastened to the underside of the counter, or be connected to an air gap.

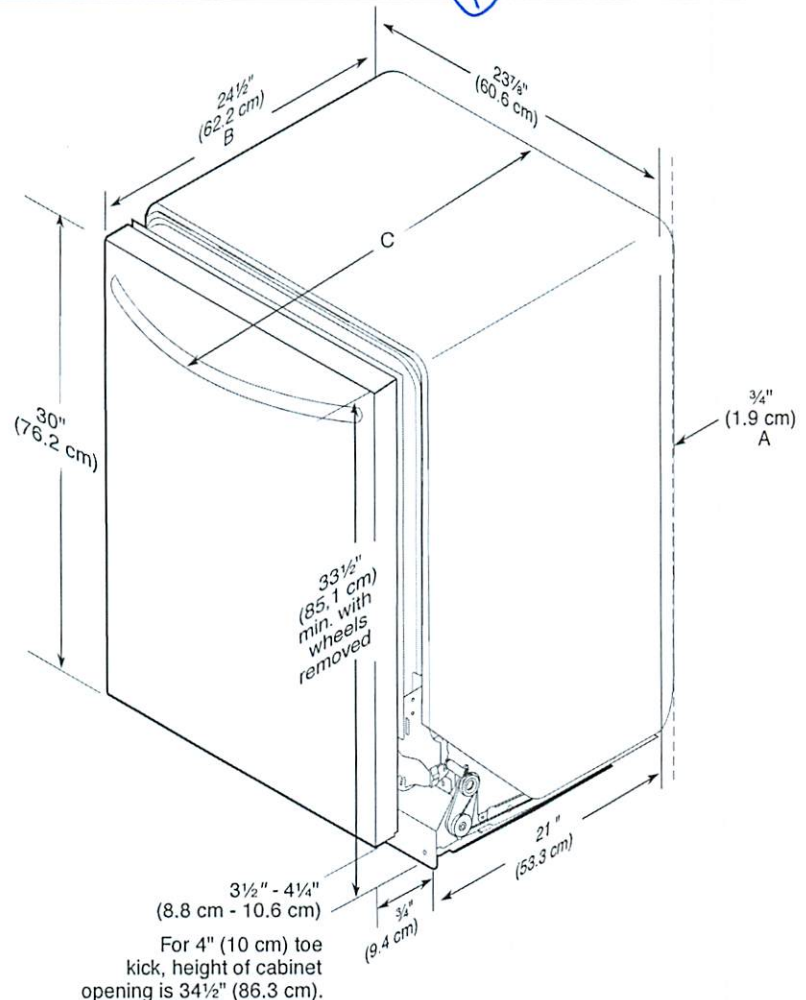
Make sure to use an air gap if the drain hose is connected to house plumbing lower than 20" (50.8 cm) above subfloor or floor.

Use 1/2" (1.3 cm) minimum I.D. drain line fittings.

If required, the air gap should be installed in accordance with the air gap installation instructions. When connecting the air gap a rubber hose (not provided) will be needed to connect to the waste tee or disposer inlet.



PRODUCT DIMENSIONS



- A. Insulation may be compressed (not used on all models).
- B. For panel-ready models, dishwasher depth is 24" (60 cm) not including the 3/4" (1.9 cm) custom door panel.
- C. Door handles may protrude forward of the face of the dishwasher; varies by model.

CABINET CUTOUT DIMENSIONS

NOTE: Shaded areas of cabinet walls show where utility connections may be installed.

*Measure from the lowest point on the underside of the countertop. May be reduced to 33½" (85.1 cm) by removing the rear leveling legs from dishwasher.

**Minimum, measured from narrowest point of opening.

