

## Bottom Mount Refrigerator

### PRODUCT MODEL NUMBERS

KRFC302E

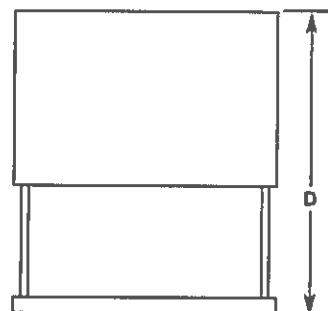
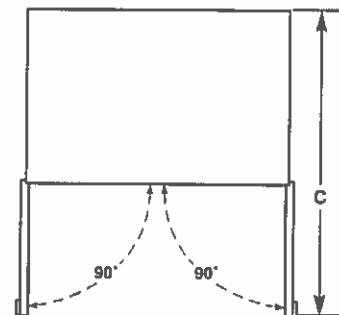
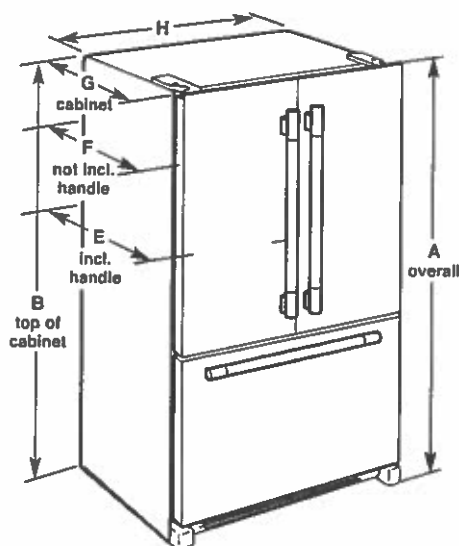
**Electrical:** A 115 volt, 60 Hz, AC only 15- or 20-amp fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your refrigerator and approved accessories be provided. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

**Water:** A cold water supply with water pressure of 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.

#### Reverse Osmosis Water Supply:

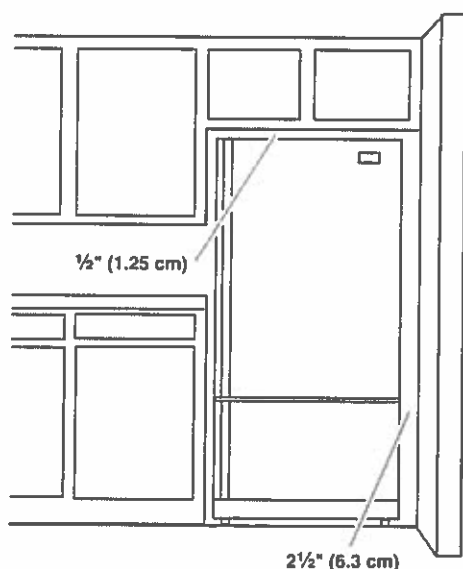
**IMPORTANT:** The pressure of the water supply coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 35 and 120 psi (241 and 827 kPa).

### PRODUCT DIMENSIONS



Model 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"
21.9	72" (182.9 cm)	71 1/8" (181.3 cm)	44 1/8" (112.1 cm)	45 1/4" (114.9 cm)	30 1/4" (76.8 cm)	27 3/4" (70.5 cm)	24 3/8" (62.5 cm)	35 3/4" (90.8 cm)

### LOCATION REQUIREMENTS



**IMPORTANT:** This refrigerator is designed for indoor, household use only.

To ensure proper ventilation for your refrigerator, allow for 1/2" (1.25 cm) of 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, allow extra space at the back for the water line connections. When 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.

### Mobile Home - Additional Installation Requirements

The installation of this range must conform to the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280 (formerly the Federal Standard for Mobile Home Construction and Safety, Title 24, HUD Part 280). When such standard is not applicable, use the Standard for Manufactured Home Installations, ANSI A225.1/NFPA 501A or with local codes.

In Canada, the installation of this range must conform with the current standards CAN/CSA-A240-latest edition, or with local codes.

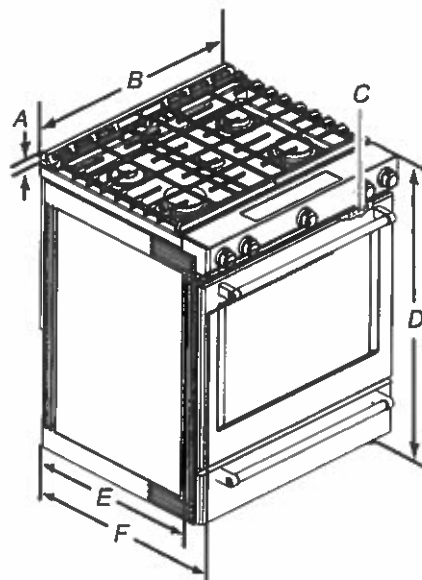
#### Mobile Home Installations Require:

- When this range is installed in a mobile home, it must be secured to the floor during transit. Any method of securing the range is adequate as long as it conforms to the standards listed above.

### Product Dimensions

This manual covers several models. Your model may appear different from the models depicted. Dimensions given are maximum dimensions across all models.

#### Model KSGB900



A.  $1\frac{3}{8}$ " (3.0 cm) height from cooktop to top of vent

B.  $29\frac{7}{8}$ " (75.9 cm)

C. Model/serial/rating plate (located behind the oven door on the top right-hand side of the oven frame)

D. 36" (91.4 cm) height to top of cooktop edge with leveling legs screwed in all the way\*

E.  $28\frac{3}{8}$ " (71.9 cm) max. depth from front of console to back of range

F.  $28\frac{7}{8}$ " (73.3 cm) max. depth from handle to back of range

**IMPORTANT:** Range must be level after installation. Follow the instructions in the "Level Range" section. Using the cooktop as a reference for leveling the range is not recommended.

\*Range can be raised approximately 1" (2.5 cm) by adjusting the leveling legs.

## Cabinet Dimensions

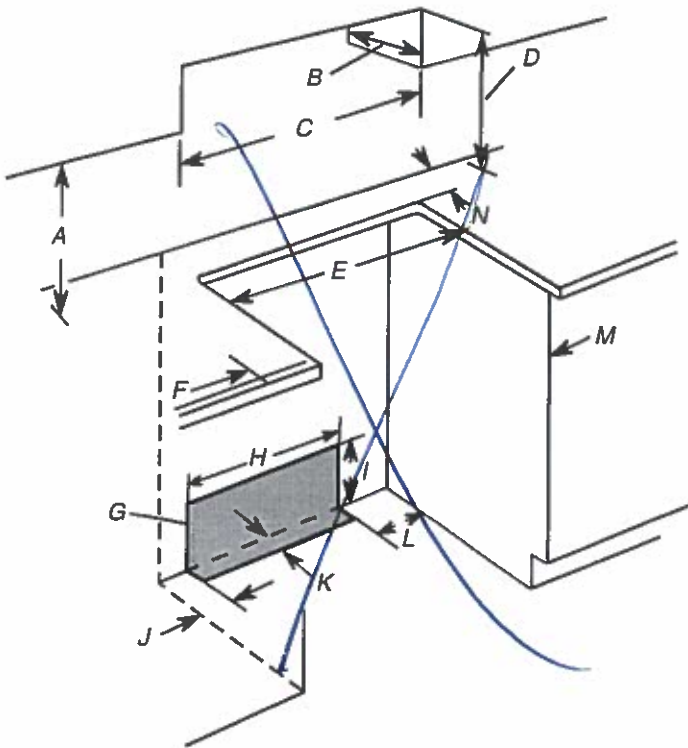
Cabinet opening dimensions shown are for 25" (64.0 cm) countertop depth, 24" (61.0 cm) base cabinet depth and 36" (91.4 cm) countertop height.

**IMPORTANT:** If installing a range hood or microwave hood combination above the range, follow the range hood or microwave hood combination installation instructions for dimensional clearances above the cooktop surface.

Range may be installed next to combustible walls with zero clearance.

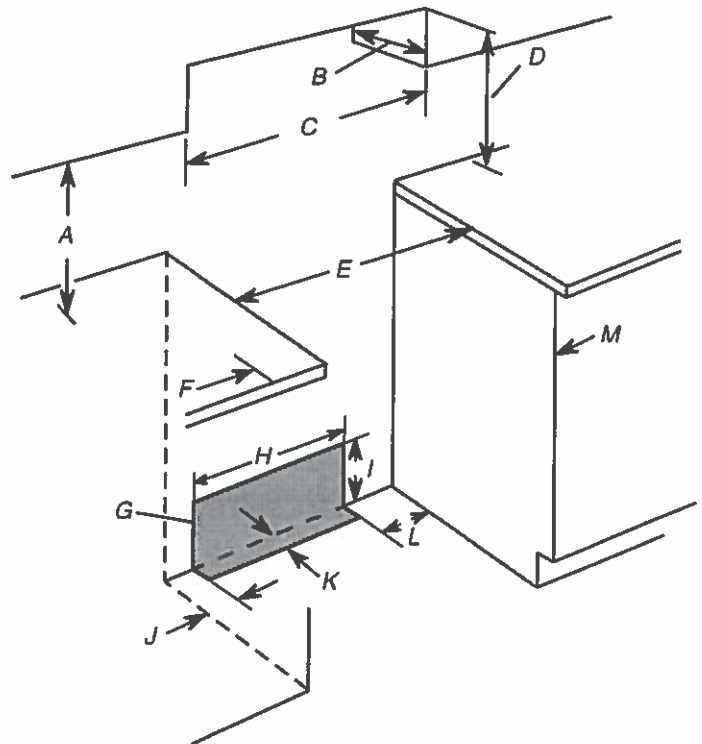
**NOTE:** When installed in a slide-in cutout, the front of oven door may protrude beyond the base cabinet.

### Slide-In Cutout



- A. 18" (45.7 cm) upper side cabinet to countertop
- B. 13" (33 cm) max. upper cabinet depth
- C. 30" (76.2 cm) min. opening width
- D. For minimum clearance to top of cooktop, see NOTE\*.
- E. 30" (76.2 cm) min. opening width
- F. 3" (7.6 cm) min. clearance from both sides of range to side wall or other combustible material
- G. The shaded area is recommended for installation of rigid gas pipe and grounded outlet.
- H. 13 1/8" (33.3 cm)
- I. 7 1/8" (19.5 cm)
- J. 4 1/8" (12.2 cm)
- K. 3 1/8" (9.4 cm) plus measurement of N
- L. 12" (30.5 cm)
- M. Cabinet door or hinges should not extend into the cutout.
- N. Remaining counter depth should not exceed 2 1/4" (5.7 cm).

### Freestanding Cutout

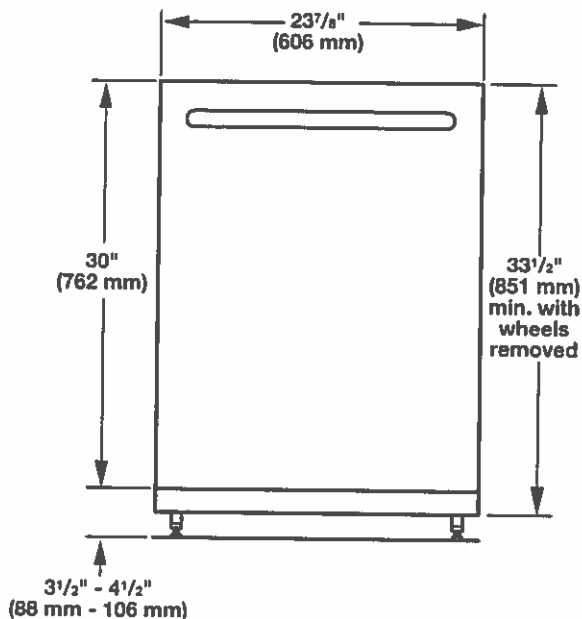


- A. 18" (45.7 cm) upper side cabinet to countertop
- B. 13" (33 cm) max. upper cabinet depth
- C. 30" (76.2 cm) min. opening width
- D. For minimum clearance to top of cooktop, see NOTE\*.
- E. 30" (76.2 cm) min. opening width
- F. 3" (7.6 cm) min. clearance from both sides of range to side wall or other combustible material
- G. The shaded area is recommended for installation of rigid gas pipe and grounded outlet.
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- L. 12" (30.5 cm)
- M. Cabinet door or hinges should not extend into the cutout.

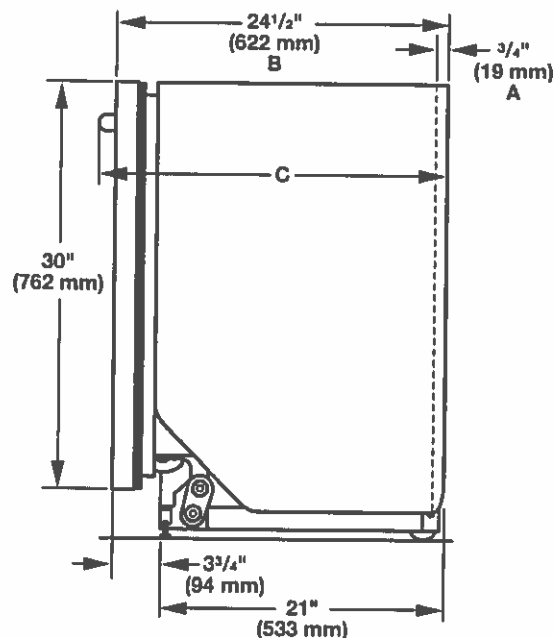
**\*NOTE:** 24" (61.0 cm) minimum when bottom of wood or metal cabinet is shielded by not less than 1/4" (0.64 cm) flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" (0.4 mm) stainless steel, 0.024" (0.6 mm) aluminum or 0.020" (0.5 mm) copper.

30" (76.2 cm) minimum clearance between the top of the cooking platform and the bottom of an uncovered wood or metal cabinet.

## Product and Cabinet Opening Dimensions



For 4" (100 mm) toe kick, height of cabinet opening is  $34\frac{1}{2}$ " (863 mm).

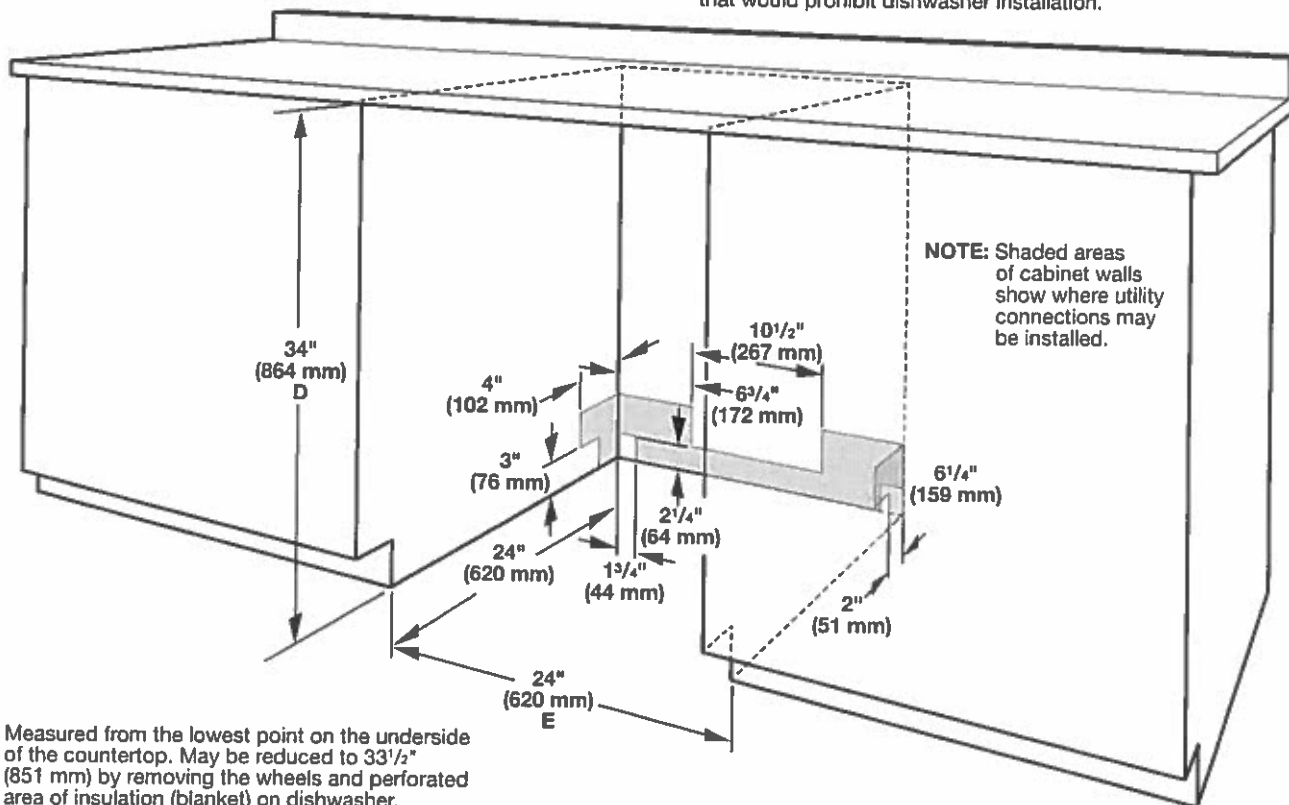


A. Insulation may be compressed (not used on all models).

B. For panel-ready models, dishwasher depth is 24" (610 mm), not including the  $\frac{3}{4}$ " (19 mm) custom door panel.

C. Door handles may protrude forward of the face of the dishwasher, varies by model.

Check that all surfaces have no protrusions that would prohibit dishwasher installation.



D. Measured from the lowest point on the underside of the countertop. May be reduced to  $33\frac{1}{2}$ " (851 mm) by removing the wheels and perforated area of insulation (blanket) on dishwasher.

E. Minimum, measured from narrowest point of opening

# KitchenAid Countertop Microwave Use and Care Guide

## PRODUCT MODEL NUMBERS

KMCC5015G

## LOCATION REQUIREMENTS

**IMPORTANT:** The control side of the microwave oven is the heavy side. Handle the microwave oven gently. The weight of the microwave oven is over 35 lbs (15.9 kg).

- Place the microwave oven on a cart, counter, table, or shelf that is strong enough to hold the microwave oven and the food and utensils you place inside it.
- The microwave oven should be at a temperature above 50°F (10°C) for proper operation.

**NOTE:** Some models can be built into a wall or cabinet by using one of the trim kits listed in the "Assistance or Service" section.

- Do not block the exhaust vents or air intake openings. Allow a few inches of space at the back and side of the microwave oven where the exhaust vents are located. Blocking the exhaust vents could cause damage to the microwave oven as well as poor cooking results.
- Make sure the microwave oven legs are in place to ensure proper airflow. If vents are blocked, a sensitive thermal device may automatically turn the microwave oven off. The microwave oven should work properly once it has cooled.

## ELECTRICAL REQUIREMENTS

Observe all governing codes and ordinances.

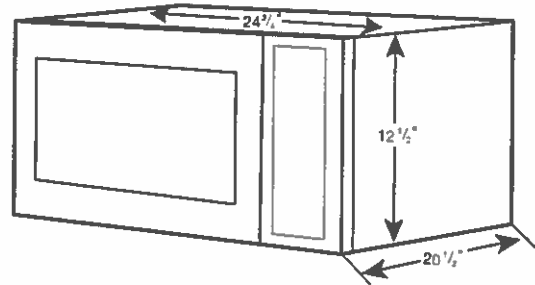
### Required:

- A 120-volt, 60 Hz, AC-only, 15- or 20-amp electrical supply with a fuse or circuit breaker.

### Recommended:

- A time-delay fuse or time-delay circuit breaker
- A separate circuit serving only this microwave oven

## OVERALL DIMENSIONS



# INSTALLATION INSTRUCTIONS

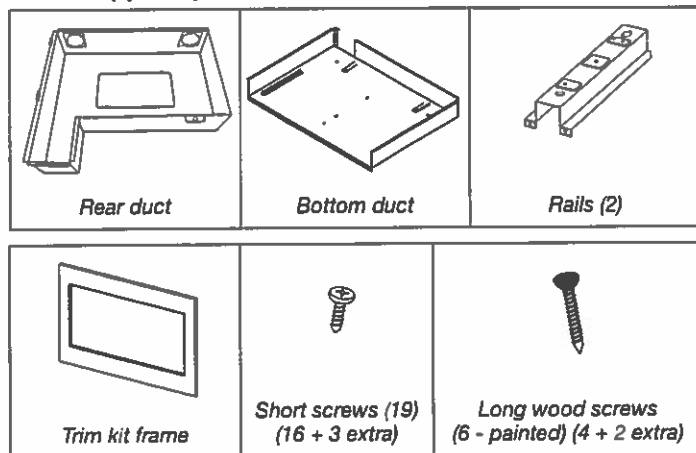
## Tools and Parts

### Tools Needed

Gather the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

- Measuring tape
- Drill
- Pencil
- 7/64" drill bit
- Phillips screwdriver

### Parts Supplied (not shown to scale)

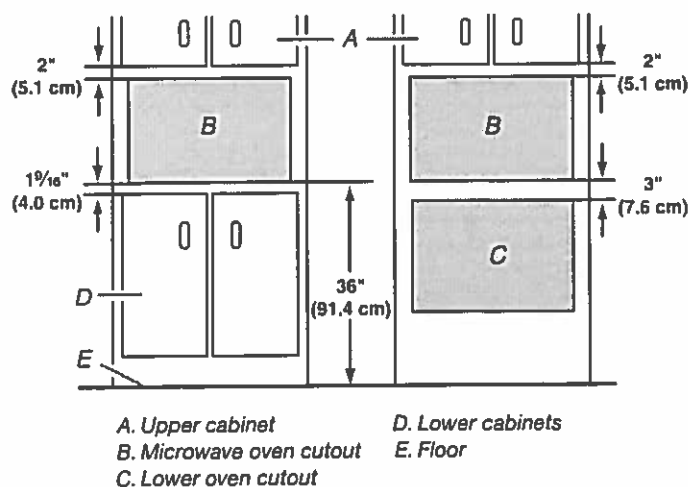


## Location Requirements

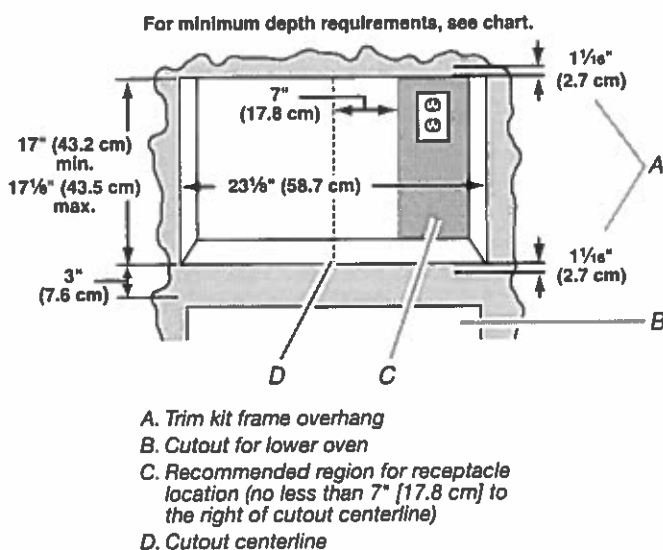
The microwave oven may be installed over a built-in oven. If installing over a built-in oven, make sure there is a minimum of 3" (7.6 cm) between the top of the lower oven cutout and the microwave oven cutout floor.

The microwave oven may also be installed in a cabinet by itself (without a built-in oven below). For best usability, we recommend a minimum distance of 36" (91.4 cm) from the floor to the cutout floor.

Make sure the surrounding cabinetry has clearance to open and close freely. Allow a clearance of at least 1 1/16" (4.0 cm) below the cutout floor (3" [7.6 cm] for installation above a built-in oven), and a clearance of at least 2" (5.1 cm) above the cutout opening.



## Required Cutout Dimensions

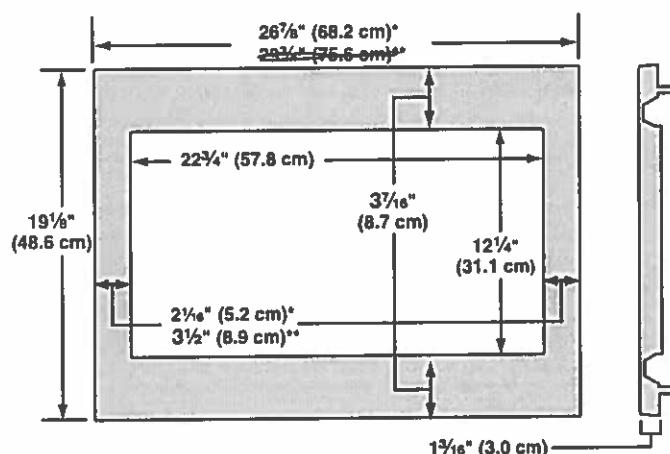


Receptacle Location	Minimum Depth
Within recommended region	20" (50.8 cm) with flush receptacle; 22" (55.9 cm) with non-flush receptacle
Outside recommended region	22" (55.9 cm) with flush receptacle; 24" (61.0 cm) with non-flush receptacle

### NOTES:

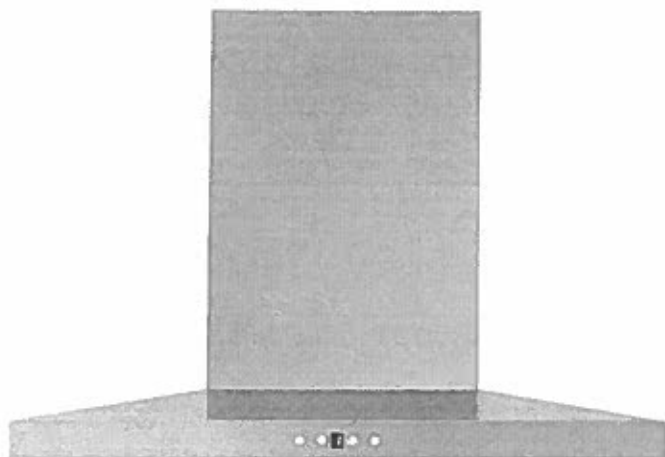
- Depth requirements depend upon receptacle and its location within or outside of recommended region. See illustration and chart above.
- Height dimension is critical: 17" (43.2 cm) minimum, 17 1/8" (43.5 cm) maximum.
- Width measurement has  $\pm 1/16"$  (2 mm) tolerance.
- 3" (7.6 cm) minimum dimension is from lower oven cutout ceiling to microwave oven cutout floor.
- Trim kit frame extends 1 1/16" (2.7 cm) above and below the cutout opening.

## Trim Kit Frame Dimensions



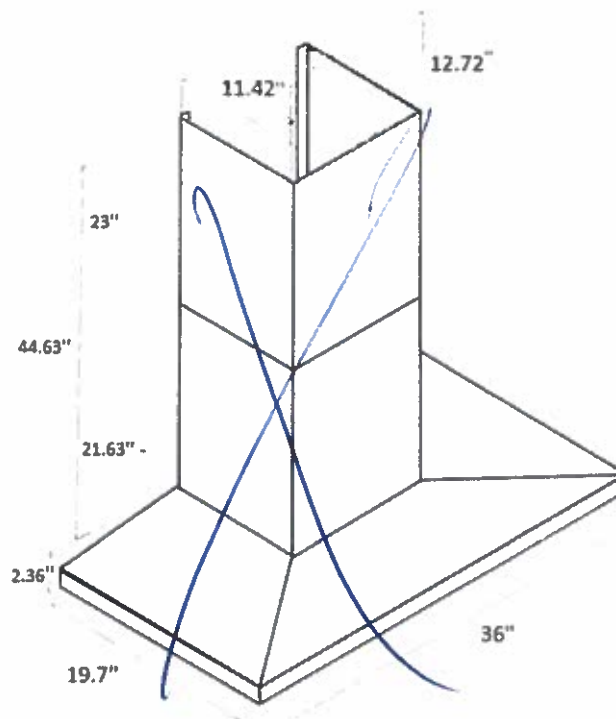
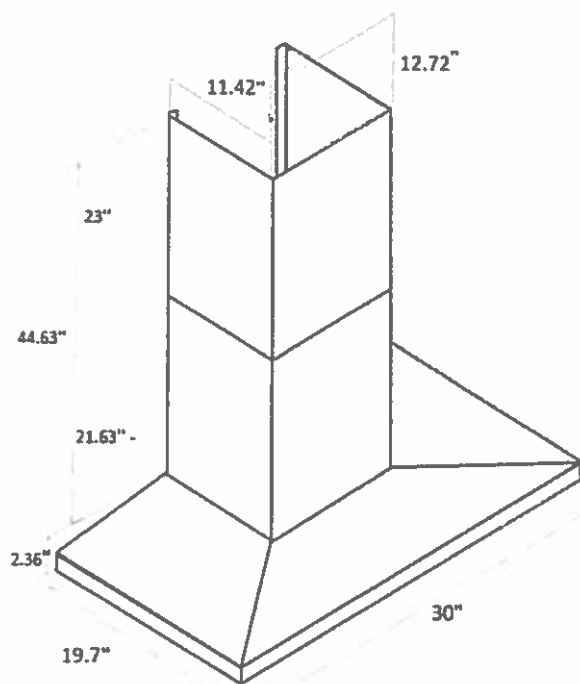
\*27" (68.6 cm) trim kit

\*\*30" (76.2 cm) trim kit

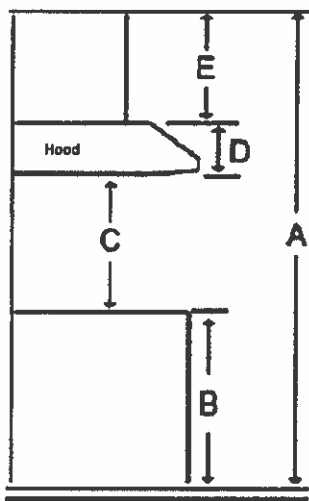


Selected Model	
Model number	AVH-308CS
Dimensions	
Dimensions	29 1/2" (W) x 19 3/4" (D) x 3 1/4" (H)
Exterior Appearance	
Stainless steel grade	201
Features	
Control	Soft touch with LED display
Lighting	2 bulbs, 3W LED (bulbs included)
Blower type	860 CFM, 6-Speed
Blower performance	Speed 1, 2.4 sones
	Speed 6, 6.2 sones
Filter type	2 aluminium micro hole filters (included)
	2 Stainless steel baffle filters (included)
Duct transition	6" Round (Top)
Ducting	Ducted
Chimney (ducted out)	For ceiling heights up to 9'0"
Electrical Requirements	
Electrical requirements	120V / 60Hz / 2.7 Amps
Accessories (optional)	
Optional duct covers	AD-884S (884mm, AVN-AVH compatible)
Warranty	
1-year Warranty	Parts and labour, in-home service

## Dimensions



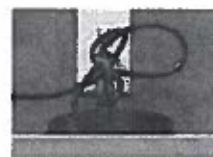
## Installation



A	Floor to ceiling height	variable
B	Floor to counter top height (standard)	36"
C	Recommended height between cooking surface and bottom of the hood	28" to 30"
D	Hood height	2.36"
E	Chimney height	Max 44.63"

## Duct transition

6" round top



*The information contained herein is based on sources that we believe to be reliable, but is not guaranteed by us, may be incomplete and/or may change without notice.*