

APPLIANCES • CABINETS • TUBS

Specifications for Project

4242 Richmond Ave. Houston, TX 77027 713-572-4242

Claudia Garcia

cgarcia@factorybuilderstores.com



REMINDER: To ensure a smooth project it is the responsibility of the homeowner / purchaser of appliances for this project to homeowner / purchaser of appliances for this project to share all the attached specifications to ensure the cabinet provider, contractor, or any other tradesperson have all the information required to complete their work accurately.

Specifications are subject to change. If any tradesperson has questions regarding the attached specifications please contact our sales associate.

Spec Sheets

Powered by SteelCod

Salesperson

Claudia Garcia Factory Builder Stores 713-572-4242 cgarcia@factorybuilderstores.com Project address Specs for 00178662 Updated on Fri, Feb 15, 2019 4:28 PM CST



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Houston-North

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factorybuilderstores.com



SPECIFICATIONS INCLUDED IN THIS PACKAGE:

KSDB900ESS.pdf KSDB900ESS (KitchenAid - Range)
KSDB900ESS_Dimension Guide_EN.pdf KSDB900ESS (KitchenAid - Range)
AK8100ASBF.pdf AK8100ASBF (Zephyr - Ventilation)
MKC2157AS.pdf MKC2157AS (Whirlpool - Trim Kit)
KMCC5015GSS.pdf KMCC5015GSS (KitchenAid - Microwave)
KMCC5015GSS_Dimension Guide_EN.pdf KMCC5015GSS (KitchenAid - Microwave)
KDTE204GPS.pdf KDTE204GPS (KitchenAid - Dishwasher)
KDTE204GPS_Dimension Guide_EN.pdf KDTE204GPS (KitchenAid - Dishwasher)
KRFC300ESS.pdf KRFC300ESS (KitchenAid - Refrigeration)
KRFC300ESS_Dimension Guide_EN.pdf KRFC300ESS (KitchenAid - Refrigeration)

KitchenAid®

30-Inch 5-Burner Dual Fuel Convection Slide-In Range with Baking Drawer

http://www.kitchenaid.com



Key Features:

- Baking Drawer
- Even-Heat™ True Convection
- Wireless Probe
- Steam Rack
- 7.1 Cu Ft. Total Capacity
- 5 Burners (5k, 8k, 9.2k, 15k and 19k)
- EasyConvect[™] Conversion System
- FIT Guarantee
- Aqualift®
- Glass Touch Controls
- Side Trim Accessory Kit

Product Dimensions:

Height: 36

Width: 29 7/8

Electrical Requirements:

40 Amps.

Additional Information:

Use And Care Guide

Dimension Guide

Installation Guide

Warranty Certificate

Available in:

Stainless Steel





KitchenAid® 30" (76.2 cm) Slide-In Dual Fuel Range

PRODUCT MODEL NUMBERS

KSDB900E

GAS SUPPLY REQUIREMENTS

Natural Gas:

• This range is factory set for use with Natural gas. See "Gas Conversions" section. The model/serial/rating plate located on the oven frame behind the top right-hand side of the oven door 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 appliance from the gas specified on the model/serial/rating plate for use with a different gas without consulting the serving gas supplier. See "Gas Conversions" section.

Gas Supply Line

 Provide a gas supply line if ¾" (1.9 cm) rigid pipe to the range location. A smaller pipe on longer runs may result in insuffient gas supply. With LP gas, piping or tubing size can be ½" (1.3 cm) minimum. Usually, LP gas suppliers deteremine the size and materials used in the system.

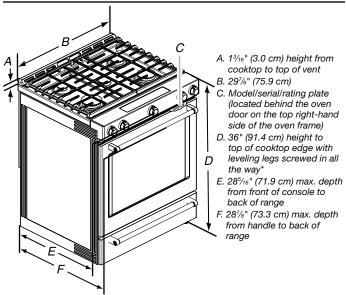
NOTE: Pipe-joint compounds that resist the action of LP gas must be used. Do not use TEFLON®† tape.

- If local codes permit, a new CSA design-certified, 4 to 5 ft (122 to 152.4 cm) long, ½" (1.3 cm) or ¾" (1.9 cm) I.D. (inside diameter), flexible metal appliance connector may be used for connecting range to the gas supply line.
- 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 range opening, such as an adjacent cabinet. 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 range.

†®TEFLON is a registered trademark of E.I. Du Pont Nemours and Company.

PRODUCT DIMENSIONS



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.

ELECTRICAL REQUIREMENTS

This range is manufactured with the neutral terminal connected to the cabinet. Use a 3-wire UL listed, 40- or 50-amp power supply cord (pigtail). See the following Range Rating chart. If local codes do not permit ground through the neutral, use a 4-wire power supply cord rated at 250 volts, 40 or 50 amps and investigated for use with ranges.

Range Rating*		Specified Rating of Power Supply Cord Kit and Circuit Protection		
120/240 Volts	120/208 Volts	Amp		
8.8 - 16.5 KW	7.8 - 12.5 KW	40 or 50**		
16.6 - 22.5 KW	12.6 - 18.5 KW	50		

^{*}The NEC calculated load is less than the total connected load listed on the model/serial/rating plate.

· A circuit breaker is recommended.

^{**}If connecting to a 50-amp circuit, use a 50-amp rated cord with kit. For 50-amp rated cord kits, use kits that specify use with a nominal 13/8" (3.5 cm) diameter connection opening.

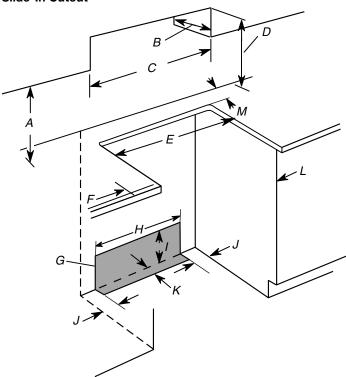
Cabinet opening dimensions shown are for 25" (64.0 cm) countertop depth, 24" (61.0 cm) base cabinet depth and 36" (91.4 cm) countertop height.

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.

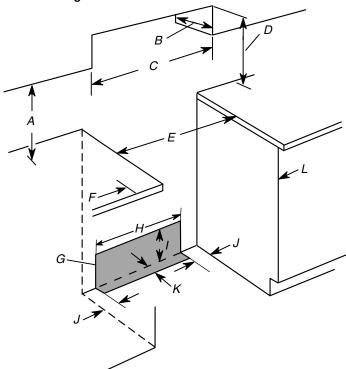
NOTE: When installed in a slide-in cutout, the front of oven door may protrude beyond the base cabinet.

Slide-In Cutout



- A. 18" (45.7 cm) upper side cabinet to countertop
- B. 13" (33.0 cm) max. upper cabinet to countertop
- C. 30" (76.2 cm) min. opening width
- D. For minimum clearance to top of the 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. 13¹/₈" (33.3 cm)
- I. 7¹¹/₁₆" (19.5 cm)
- J. 413/16" (12.2 cm)
- K. 311/16" (9.4 cm) plus measurement of M
- L. Cabinet door or hinges should not extend into the cutout.
- M. Remaining counter depth should not exceed 21/4" (5.7 cm)

Freestanding Cutout



- A. 18" (45.7 cm) upper side cabinet to countertop
- B. 13" (33.0 cm) max. upper cabinet to countertop
- C. 30" (76.2 cm) min. opening width
- D. For minimum clearance to top of the 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. 131/8" (33.3 cm)
- I. 7¹¹/₁₆" (19.5 cm)
- J. 413/16" (12.2 cm)
- K. 3¹¹/₁₆" (9.4 cm)
- L. Cabinet door or hinges should not extend into the cutout.

*NOTE: 24" (61.0 cm) minimum when bottom of wood or metal cabinet is covered 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.

TORNADO

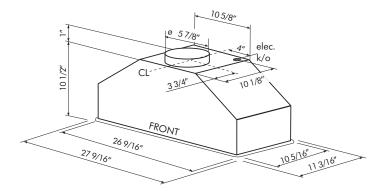
INSERT

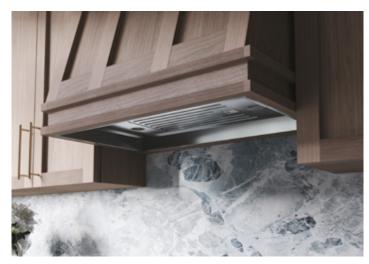
Tornado I provides muscle and flexibility in a small, barely-visible package beneath your customizable vent hood canopy. This 600 CFM power pack features dual-level halogen lighting, 3-speed blower, a newly updated

hybrid baffle filter and an angled housing unit for a better fit with any built-in canopy. An optional stainless steel liner extends and protects your cabinetry.









$\mathsf{TORNADO}$

INSERT



MODEL Stainless Steel AK8100AS-BF

 Size
 27" (27-9/16")

 Blower CFM (Min. - Max.)
 200 - 600

 Sones (Min. - Max.)
 1.4 - 6

FEATURES

Controls Mechanical Slide

Speed Levels 3 Auto Delay-Off No

Lighting Halogen, 35W x2

Dual-Level Lighting Yes

Filters Hybrid Baffle x1

Recirculating Option No

DUCT SPECIFICATIONS

Vertical Internal Blower 6" Round Horizontal Internal Blower NA

AC POWER 120V, 60Hz at Max. 3.3A

OPTIONAL ACCESSORIES

 30" Liner (17-1/2" - 20-1/2" Depth)
 AK0800AS

 36" Liner (17-1/2" - 20-1/2" Depth)
 AK0836AS

 Bloom™ GU10 LED
 Z0B0040

MOUNTING HEIGHT RANGE* 24" - 34"

WARRANTY 10 years parts, 1 year labor



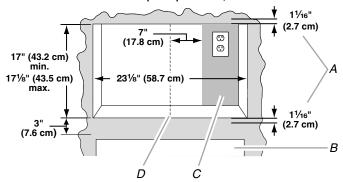
^{*}Mounting height refers to distance between top of a 36" tall cooking surface and bottom of hood.

INSTALLATION INSTRUCTIONS



Required Cutout Dimensions

For minimum depth requirements, see chart.



- A. Trim kit frame overhang
- B. Cutout for lower oven
- C. Recommended region for receptacle location (no less than 7" [17.8 cm] to the right of cutout centerline)
- D. Cutout centerline

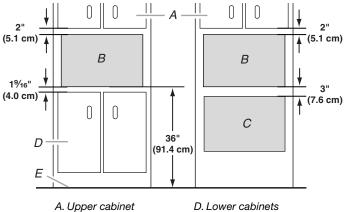
Receptacle Location	Minimum Depth
Within recommended region	20" (50.8 cm) with flush receptacle; 22" (55.9 cm) with non-flush receptacle
Outside recommended region	22" (55.9 cm) with flush receptacle; 24" (61.0 cm) with non-flush receptacle

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

Make sure the surrounding cabinetry has clearance to open and close freely. Allow a clearance of at least 1% (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.

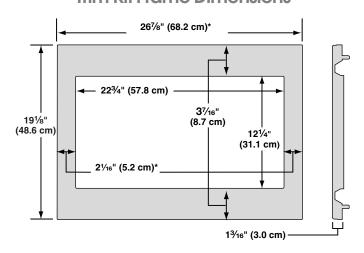


- B. Microwave oven cutout C. Lower oven cutout
- E. Floor

NOTES:

- Depth requirements depend upon receptacle and its location within or outside of recommended region. See illustration and
- Height dimension is critical: 17" (43.2 cm) minimum, 171/8" (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 11/16" (2.7 cm) above and below the cutout opening.

Trim Kit Frame Dimensions



KitchenAid®

21 3/4" Countertop Convection Microwave Oven – 1000 Watt

http://www.kitchenaid.com



Key Features:

- 1400-Watt Convection Element
- Roast Function
- Grill Function
- 6 Quick-Touch Cycles Including Five Sensor Cycles
- 13 1/2" Recessed Turntable
- 1.5 Cu. Ft. Capacity
- Accepts 30- or 27-Inch Trim Kit
- Electronic Controls with LED Display
- Color-Coordinated Stainless Steel Cabinet

Product Dimensions:

Height: 12 1/2 Width: 21 3/4

Depth: 20 1/2

Additional Information:

Use And Care Guide

Dimension Guide

Warranty Certificate

Available in:

Stainless Steel

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.

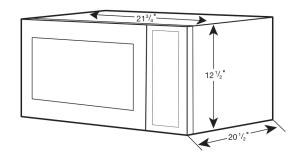
Required:

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



KitchenAid®

46 DBA Dishwasher with Bottle Wash Option and PrintShield™ Finish

http://www.kitchenaid.com



Key Features:

- · Bottle Wash Option
- PrintShield™ Finish
- ProWash™ Cycle
- · Durable Stainless Steel Interior
- Heat Dry Option
- SatinGlide® Max Rails (Upper Rack)
- 2 Rows Fold-Down Tines in Upper Rack
- Fold-Down Shelf with Stemware Holder
- Express Wash
- Extended Heat Dry Option
- Sani-Rinse Option
- Concealed Controls

Product Dimensions:

Height: 34 1/2

Width: 23 7/8

Depth: 24 1/2

Additional Information:

Use And Care Guide

Dimension Guide

Installation Guide

Energy Guide

Warranty Certificate

Available in:

PrintShield Stainless



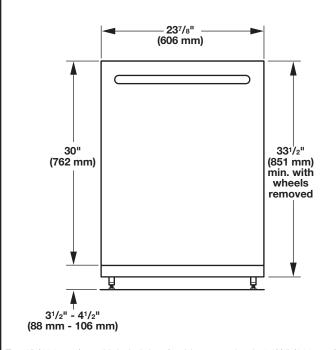


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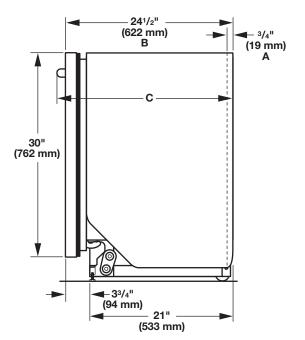
Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice. We also reserve the right to discontinue or transition products without notice.

Manufacturer's Suggested Retail Price (MSRP) and Minimum Advertised Price (MAP) provided for reference

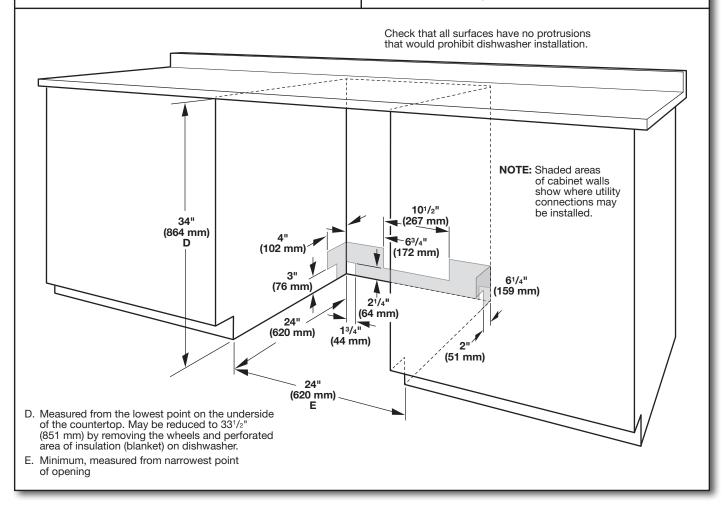
Product and Cabinet Opening Dimensions



For 4" (100 mm) toe kick, height of cabinet opening is $34^{1/2}$ " (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 $^{3}/_{4}$ " (19 mm) custom door panel.
- C. Door handles may protrude forward of the face of the dishwasher, varies by model.

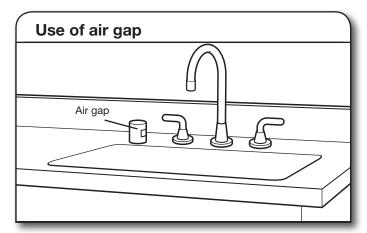


DRAIN REQUIREMENTS

■ A new drain hose is supplied with your dishwasher. If drain hose is not long enough, use a new drain hose with a maximum length of 12 ft (3.7 m) that meets all current AHAM/IAPMO test standards, is resistant to heat and detergent, and fits the 1" (25 mm) drain connector of the dishwasher. See the "Tools and Parts" section at the front of the guide for part details and orders.

NOTE: Do not connect multiple drain hoses together.

- Make sure to connect drain hose to waste tee or disposer inlet above drain trap in house plumbing and 20" (508 mm) 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" (508 mm) above subfloor or floor.



- If required, the air gap should be installed in accordance with the air gap installation instructions. When you are connecting the air gap, a rubber hose (not provided) will be needed to connect to the waste tee or disposer inlet.
- Use ¹/₂" minimum I.D. drain line fittings.

WATER SUPPLY REQUIREMENTS

- This dishwasher has a water heating feature and also requires a connection to a hot water supply line.
- A hot water line with 20 to 120 psi (138 to 862 kPa) water pressure can be verified by a licensed plumber.
- 120°F (49°C) water at dishwasher
- 3/8" O.D. copper tubing with compression fitting or flexible braided water supply line. See the "Tools and Parts" section at the front of the guide for part details and orders.

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

- A 90° elbow with ³/₄" hose connection with rubber washer. See the "Tools and Parts" section at the front of the guide for part details and orders.
- Do not solder within 6" (152 mm) of the water inlet valve.
- If installed in new construction, make sure the house water supply lines have been flushed prior to connecting the dishwasher to remove any debris that may exist in the supply line.

NOTE: If replacing an existing dishwasher, it is recommended to install a new water line (see the "Tools and Parts" section at the front of the guide for part details) and drain hose (supplied) with the new dishwasher.

ELECTRICAL REQUIREMENTS

Be sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/NFPA 70 - latest edition, and all local codes and ordinances.

A copy of the above code standards can be obtained from:

National Fire Protection Association 1 Batterymarch Park Quincy, MA 02169-7471

You Must Have:

- 120-volt, 60 Hz, AC-only, 15- or 20-amp, fused electrical supply
- Copper wire only
- A maximum of 2 field wiring supply conductors (12 AWG largest size) plus 1 grounding conductor are permitted in the terminal box.

We Recommend:

- A time-delay fuse or circuit breaker
- A separate circuit

If Connecting Dishwasher with a Power Cord:

Use UL Listed power cord kit marked for use with dishwasher. See the "Tools and Parts" section at the front of the guide for part details and orders.



Plug into a grounded 3 prong outlet. Outlet must meet all local codes and ordinances.

If Connecting Dishwasher with Direct Wiring:

■ 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/CSA Approved metallic strain relief. See the "Tools and Parts" section at the front of the guide for part details and orders.



20 cu. ft. 36-Inch Width Counter-Depth French Door Refrigerator with Interior Dispense

http://www.kitchenaid.com



Key Features:

- ExtendFresh™ Temperature Management System
- Interior Water Dispenser
- · Professionally-Inspired Design
- Produce Preserver
- Humidity-Controlled Crispers
- FreshChill™ Temperature-Controlled Full-Width Pantry
- Automatic Ice Maker
- Max Cool
- LED Lighting
- ENERGY STAR® Qualified
- Metallic Accents on Shelf Trim

Product Dimensions:

Height: 70 1/8 Width: 35 3/4 Depth: 30 1/2

Additional Information:

Use And Care Guide

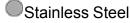
Dimension Guide

Energy Guide

Warranty Certificate

Available in:





ੇ White





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Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice. We also reserve the right to discontinue or transition products without notice.



FOR THE WAY IT'S MADE®

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."

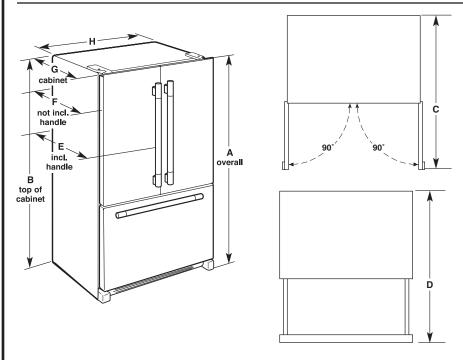
Water: A cold water supply with water pressure between 35 and 120 psi (241 and 827 kPa) is required to operate the ice maker and water dispenser. If you have questions about your water pressure, call a licensed, qualified plumber.

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).

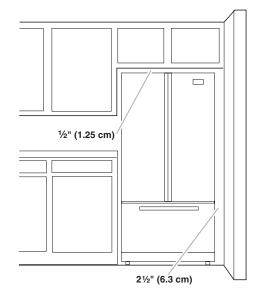
Bottom Mount Refrigerator

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.	701/s"	68½"	43"	44½"	293/8"	28"	241/8"	35%"
	(178.1 cm)	(174.0 cm)	(109.2 cm)	(113 cm)	(74.6 cm)	(71.1 cm)	(61.3 cm)	(90.5 cm)
KBFS22EC	701/8"	68 ¹³ / ₁₆ "	47½6"	52½16"	34 ⁷ / ₁₆ "	31 ¹⁵ / ₁₆ "	281/s"	325/8"
(21.7 cu. ft.)	(178.1 cm)	(174.8 cm)	(119.5 cm)	(132.2 cm)	(87.5 cm)	(81.1 cm)	(71.4 cm)	(82.9 cm)
KBFS25EC	701/8"	68 ¹³ / ₁₆ "	48½16"	531/8"	357/16"	32 ¹⁵ / ₁₆ "	291/8"	355/8"
(24.8 cu. ft.)	(178.1 cm)	(174.8 cm)	(122.1 cm)	(135 cm)	(90 cm)	(83.7 cm)	(74 cm)	(90.5 cm)
KRFC300E	701/8"	687/8"	431/8"	481/8"	30½"	28"	241/8"	35 ³ / ₄ "
(20 cu. ft.)	(178.1 cm)	(174.9 cm)	(109.5 cm)	(122.2 cm)	(77.5 cm)	(71.1 cm)	(61.3 cm)	(90.8 cm)
KRFF302E	701/8"	687/8"	471/8"	521/8"	34½"	32"	281/8"	32 ⁷ / ₈ "
(22.1 cu. ft.)	(178.1 cm)	(174.9 cm)	(122.2 cm)	(134.9 cm)	(90.2 cm)	(83.8 cm)	(74 cm)	(83.5 cm)
KRFF305E	701/8"	687/8"	481/8"	531/8"	35½"	33"	291/8"	357/8"
(25.2 cu. ft.)	(178.1 cm)	(174.9 cm)	(122.2 cm)	(134.9 cm)	(90.2 cm)	(83.8 cm)	(74 cm)	(91.1 cm)

LOCATION REQUIREMENTS



To ensure proper ventilation for your refrigerator, allow for a ½" (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 $2\frac{1}{2}$ " (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.