

KitchenAid® 30" (76.2 cm), 36" (91.4 cm), and 48" (121.9 cm) Commercial-Style Dual Fuel Convection Ranges

PRODUCT MODEL NUMBERS

KDRS407V	KDRS483V	KDRU767V
KDRS463V	KDRU763V	KDRU783V
KDRS467V		

ELECTRICAL CONNECTION

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

- Range must be connected to the proper electrical voltage and frequency as specified on the model/serial/rating plate. The model/serial/rating plate is located on the right vertical surface of the oven door frame. Refer to the illustrations in "Product Dimensions" of the "Location Requirements" section.
- This range may be manufactured with a 4-wire power supply cord or may not include a power supply cord. If your range does not include a power supply cord, 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	Amps	Range Size
8.8–16.5 kW	7.8–12.5 kW	40 or 50**	30" (76.2 cm) 36" (91.4 cm)
16.6–22.5 kW	12.6–18.5 kW	50	48" (121.9 cm)

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

** 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" (34.9 mm) diameter connection opening.

- A circuit breaker is recommended.
- Wire sizes and connections must conform with the rating of the range.
- The Tech Sheet is located behind the kick plate in a clear plastic bag.

TYPE OF GAS

Natural Gas:

This range is factory set for use with Natural gas. The model/serial/rating plate located on the right vertical surface of the oven door frame 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 range cooktop from the gas specified on the model/serial/rating plate for use with a different gas without consulting the serving gas supplier. To convert to LP gas, use the LP gas conversion kit provided with your range and see the "Gas Conversions" section. The parts for this kit are in the literature package supplied with the range.

GAS SUPPLY LINE

- Provide a gas supply line of 3/4" (1.9 cm) rigid pipe to the range location. A smaller size pipe on longer runs may result in insufficient gas supply. With LP gas, piping or tubing size can be 1/2" (1.3 cm) minimum. Usually, LP gas suppliers determine 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.

†TEFLON is a registered trademark of Chemours.

Flexible metal appliance connector:

- If local codes permit, a new CSA design-certified, 4-5 ft (122-152.4 cm) long, 5/8" (1.6 cm) or 3/4" (1.9 cm) I.D. flexible metal appliance connector may be used for connecting range to the gas supply line.

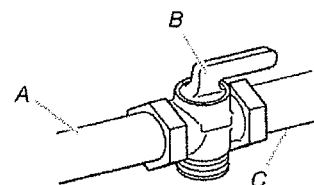


- A 1/2" (1.3 cm) male pipe thread is needed for connection to the female pipe threads of the inlet to the range pressure regulator.
- Do not kink or damage the flexible metal tubing when moving the range.

IMPORTANT: All connections must be wrench-tightened. Do not make connections to the gas regulator too tight. Making the connections too tight may crack the regulator and cause a gas leak. Do not allow the regulator to turn or move when tightening fittings.

- Must include a shut-off valve:

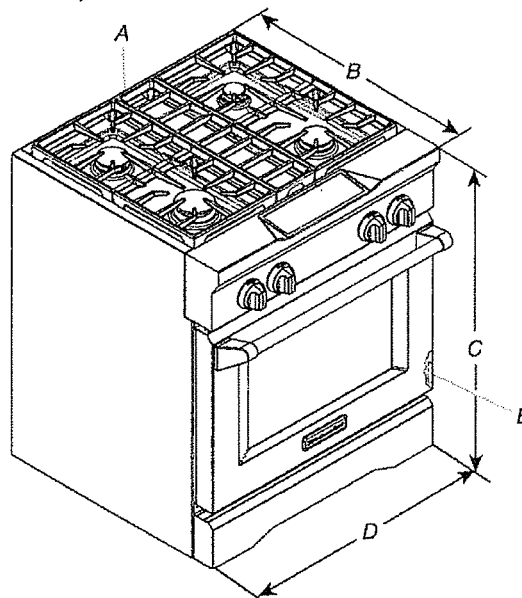
The supply line must be equipped with a manual shut-off valve. This valve should be located in the same room but external to the range opening such as an adjacent cabinet. It should be in a location that allows ease of opening and closing. Do not block access to shut-off valve. The valve is for turning on or shutting off gas to the range.



A. Gas supply line
B. Shut-off valve "open" position
C. To range

PRODUCT DIMENSIONS

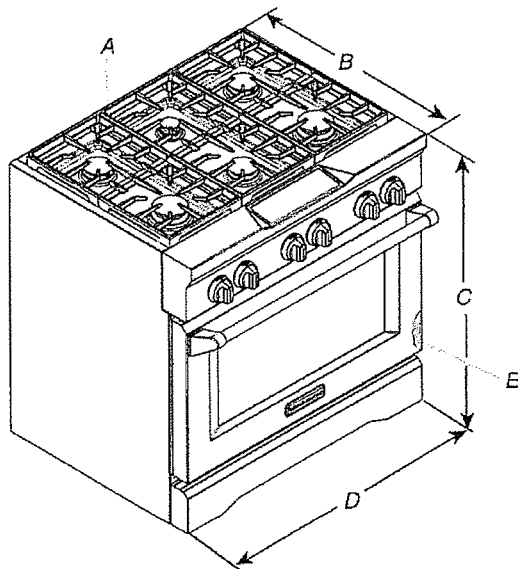
30" (76.2 cm) models



A. Optional backguard may be installed.
B. 27 3/4" (70.5 cm) depth with control panel (See NOTE)
C. 35 1/4" (90.8 cm) cooktop height when sitting on the wheels
D. 30" (76.2 cm) width
E. Model/serial/rating plate location

PRODUCT DIMENSIONS CONTINUED

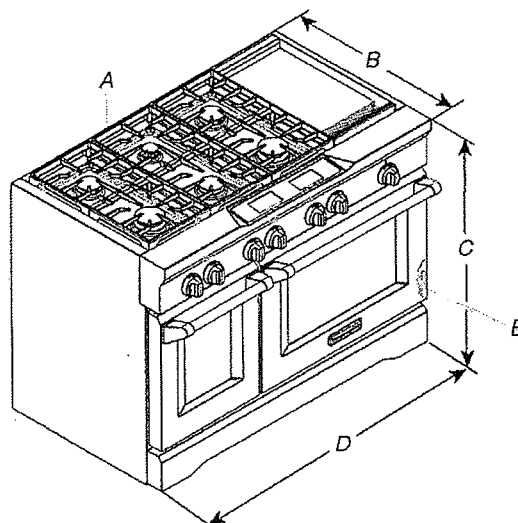
36" (91.4 cm) models



- A. Optional backguard may be installed.
- B. 27³/₄" (70.5 cm) depth with control panel (See NOTE)
- C. 35³/₄" (90.8 cm) cooktop height when sitting on the wheels
- D. 36" (91.4 cm) width
- E. Model/serial/rating plate location

48" (121.9 cm) models

NOTE: The following illustration is for dimension planning purposes only, and the locations and appearances of the features shown may not match those of your model.



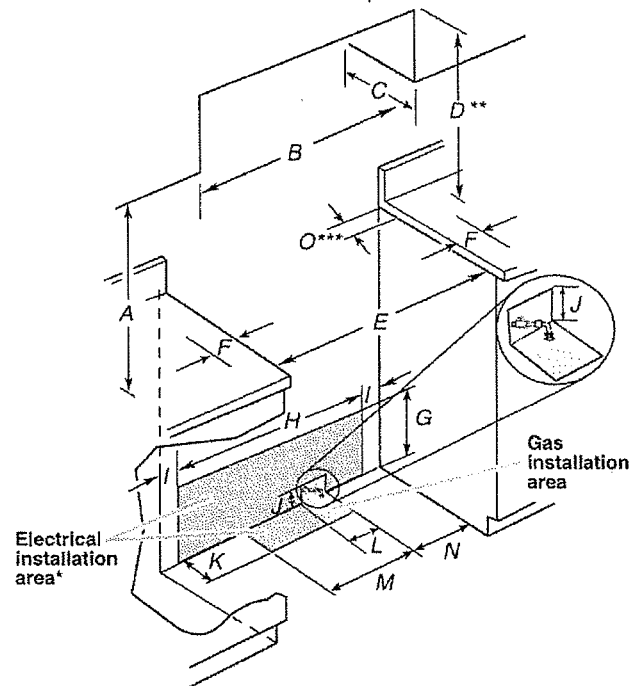
- A. Optional backguard may be installed.
- B. 27³/₄" (70.5 cm) depth with control panel (See NOTE)
- C. 35³/₄" (90.8 cm) cooktop height when sitting on the wheels
- D. 48" (121.9 cm) width
- E. Model/serial/rating plate location

NOTE: When installed in a 24" (61.0 cm) base cabinet with 25" (63.5 cm) countertop, front of oven door protrudes 1⁷/₈" (4.8 cm) beyond 24" (61.0 cm) base cabinet.

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. Dimensions must be met in order to ensure a flush fit to back wall.

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



- A. 18" (45.7 cm) upper cabinet to countertop
- B. 30" (76.2 cm) model: 30" (76.2 cm) min. upper cabinet width
36" (91.4 cm) model: 36" (91.4 cm) min. upper cabinet width
48" (121.9 cm) model: 48" (121.9 cm) min. upper cabinet width
- C. 13" (33 cm) max. upper cabinet depth
- D. For minimum clearance to top of range**
- E. 30¹/₄" (76.8 cm) on 30" (76.2 cm) models
36¹/₄" (92.1 cm) on 36" (91.4 cm) models
48¹/₄" (122.6 cm) on 48" (121.9 cm) models
- F. 6" (15.2 cm) min. clearance from both sides of range to side wall or other combustible material
- G. 15" (38.1 cm)
- H. 22" (55.9 cm) on 30" (76.2 cm) models
28" (71.1 cm) on 36" (91.4 cm) models
40" (101.6 cm) on 48" (121.9 cm) models
- I. 1¹/₂" (3.8 cm)
- J. 3" (7.6 cm)
- K. 5" (12.7 cm)
- L. 6" (15.2 cm) on 30" (76.2 cm) models
14" (35.5 cm) on 36" (91.4 cm) models
24" (61.0 cm) on 48" (121.9 cm) models
- M. 10¹/₂" (26.7 cm)
- N. 6" (15.2 cm)
- O. 6" (15.2 cm)***

* Receptacle must be rotated 90° for Canadian installation.

** Minimum Clearances

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

36" (91.4 cm) models: 42" (106.7 cm) minimum clearance between the top of the cooking platform and the bottom of an uncovered wood or metal cabinet

48" (121.9 cm) models: 42" (106.7 cm) minimum clearance between the top of the cooking platform and the bottom of an uncovered wood or metal cabinet

***If the surface of the back wall is constructed of a combustible material and a backguard is not installed, a 6" (15.2 cm) minimum clearance is required for all models.

KitchenAid®

FOR THE WAY IT'S MADE.®

Undercounter Dishwasher

Rot 146

PRODUCT MODEL NUMBERS

KDFE104D, KDFE304D, KDTE204D, KDTE404D, KDTE704D, KDTM354D, KDFE204E, KDFE454C, KDTE104E, KDTE204E, KDTE254E, KDTM354E, KDTM384E, KDTM404E, KDTM504E, KDTM704E, KDTM804E

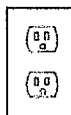
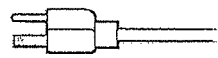
Electrical Requirements: 120-volt, 60 Hz, AC-only, 15- or 20-amp. fused electrical supply. Copper wire only. A time delay fuse or circuit breaker and separate circuit is recommended.

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 3 prong outlet located in the cabinet next to the dishwasher opening. Outlet must meet all local codes and ordinances.



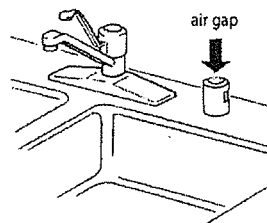
Water Supply Requirements: A hot water line with 20 to 120 psi (138 to 862 kPa) water pressure. Water temperature must be 120°F (49°C) water at dishwasher. Use 3/8" O.D. copper tubing with compression fitting or flexible braided water supply line

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 Number 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



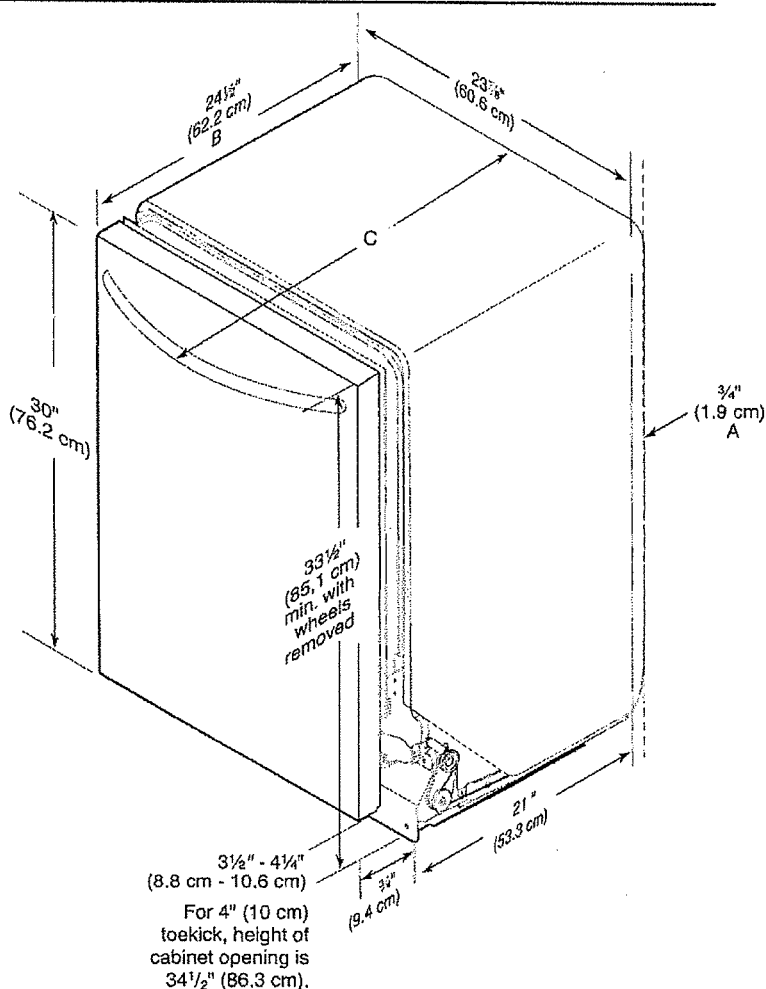
that the drain hose either be looped up and securely fastened to the underside of the counter or be connected to an air gap.

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.

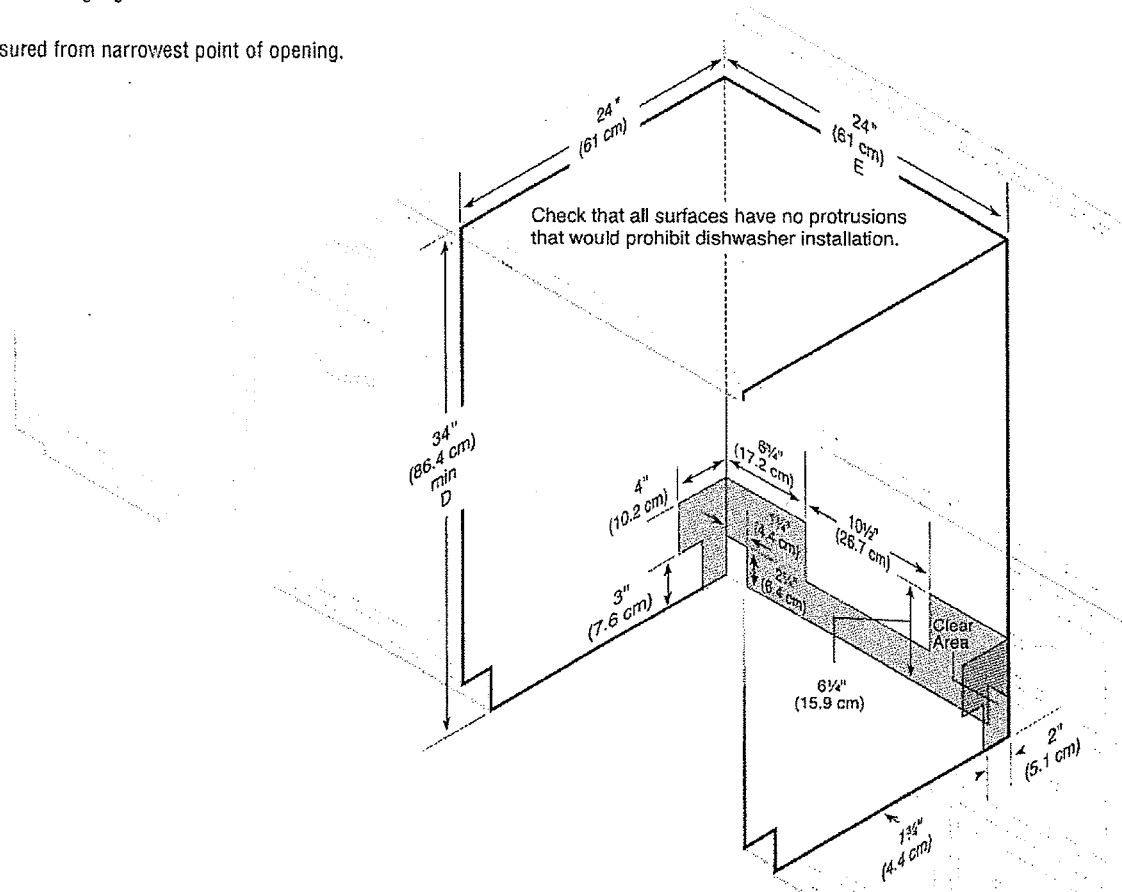
C. Door handles may protrude forward of the face of the dishwasher; varies by model.

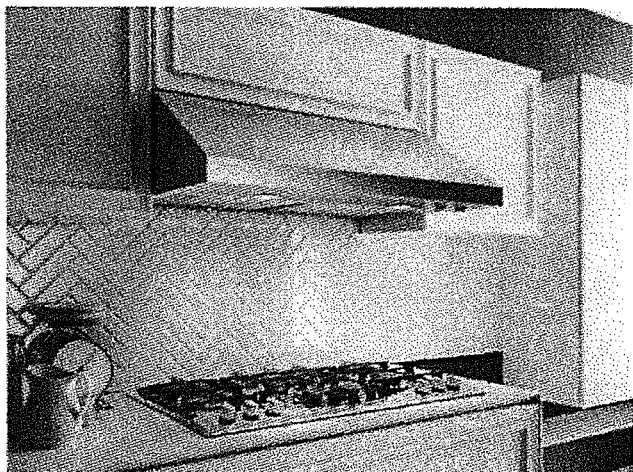
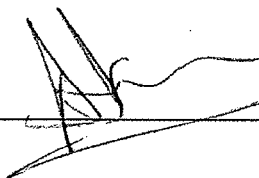
CABINET CUTOUT DIMENSIONS

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) be removing the rear leveling legs from dishwasher.

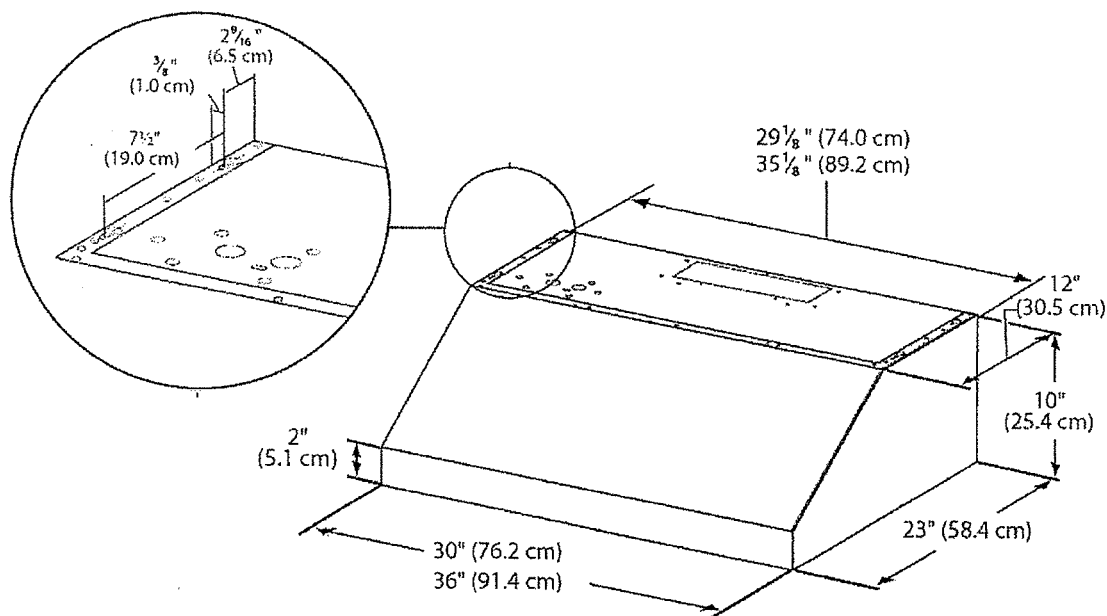
**Minimum, measured from narrowest point of opening.



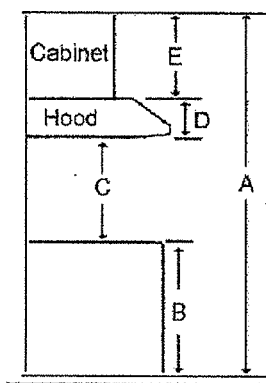


Model	
ECV636S2	
Features	
Controls	Stainless Rotating Knob
Illumination	2, 40 Watt Halogen Lamps (Bulbs Included), 2 Intensities
Ducting	Ducted Installation Only
Blower Type	4-speed, 600 CFM
Blower Performance	Speed 1, 170 CFM, 1.6 Sones
	Speed 2, 280 CFM, 4.0 Sones
	Speed 3, 440 CFM, 7.0 Sones
	Speed 4, 600 CFM, 8.6 Sones
Filter Type	2 Stainless Steel Baffle Filters
Duct transition	3 1/4" X 10" (Top or Rear) Back Draft Damper Included
Exterior Appearance	
Stainless Steel grade	430
Electrical Requirements	
Electrical requirements	120V-60 HZ / 550 Watt at 4.6 Amps
Dimensions	
Dimensions	36" (W) X 23" (D) X 10" (H)
Warranty	
Complete 2 years warranty	Entire Appliance; In-Home; Parts & Labour

Dimensions



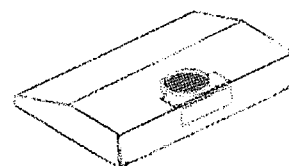
Installation



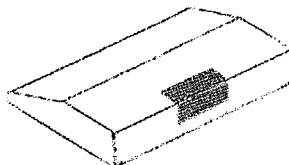
A	Floor to ceiling Height	TBD
B	Floor to counter Top Height (standard)	36"
C	Recommended Height between cooking surface and bottom of the hood	27" min. - 30" max
D	Hood Height	10"
E	Cabinet Height	TBD

Duct transition

6" Round (Top)



3 1/4" X 10" (Top and Rear)



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

Need technical assistance ? 1 (888) 651-2534

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PRODUCT MODEL NUMBERS

KRFC704F KRFC604F

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 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.

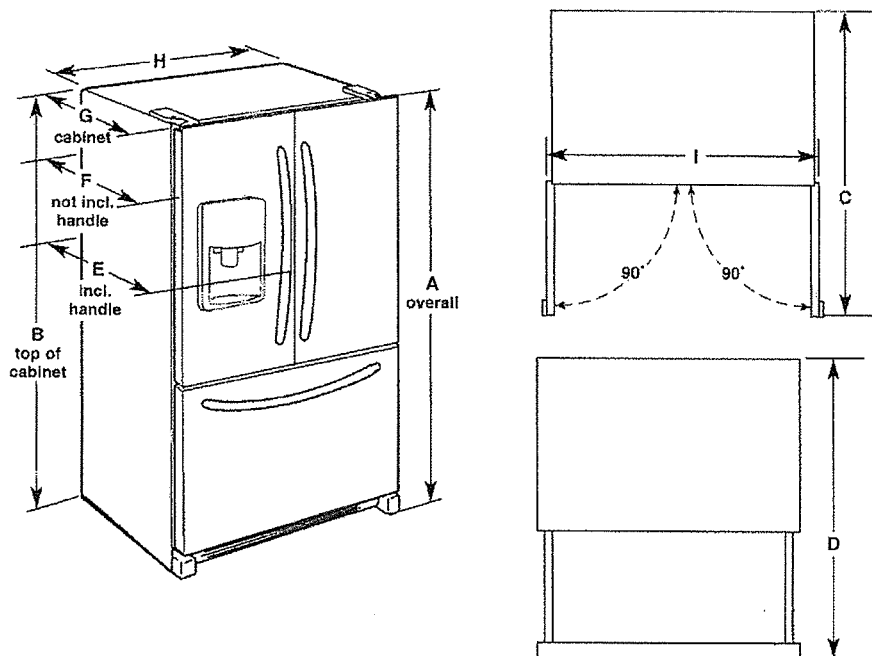
NOTE: If the water pressure is less than what is required, the flow of water from the water dispenser could decrease or ice cubes could be hollow or irregular shaped.

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).

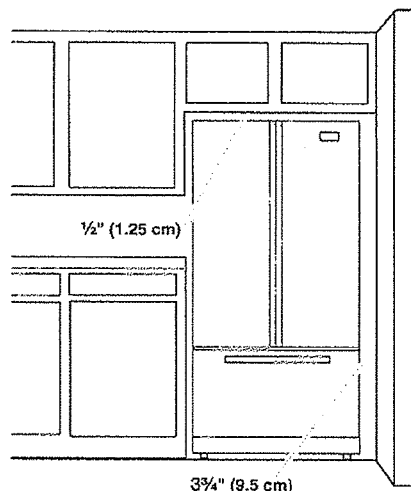
If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa).

PRODUCT DIMENSIONS



Model Size	Height - Overall "A"	Height - Top of Cabinet "B"	Depth - Door Open 90° "C"	Depth - Drawer Open "D"	Depth - With Handles "E"	Depth - Without Handles "F"	Depth - Cabinet Only "G"	Width - Cabinet "H"	Width - Door Open 90° "I"
23.8 cu. ft.	71 ¹¹ / ₁₆ " (182.6 cm)	70 ⁷ / ₁₆ " (180.0 cm)	43 ³ / ₄ " (111.1 cm)	45 ⁷ / ₁₆ " (116.5 cm)	31 ¹ / ₂ " (80.0 cm)	28 ⁷ / ₁₆ " (73.3 cm)	24 ³ / ₁₆ " (61.9 cm)	35 ¹ / ₁₆ " (90.5 cm)	43 ¹ / ₁₆ " (110.8 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 3/4" (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.