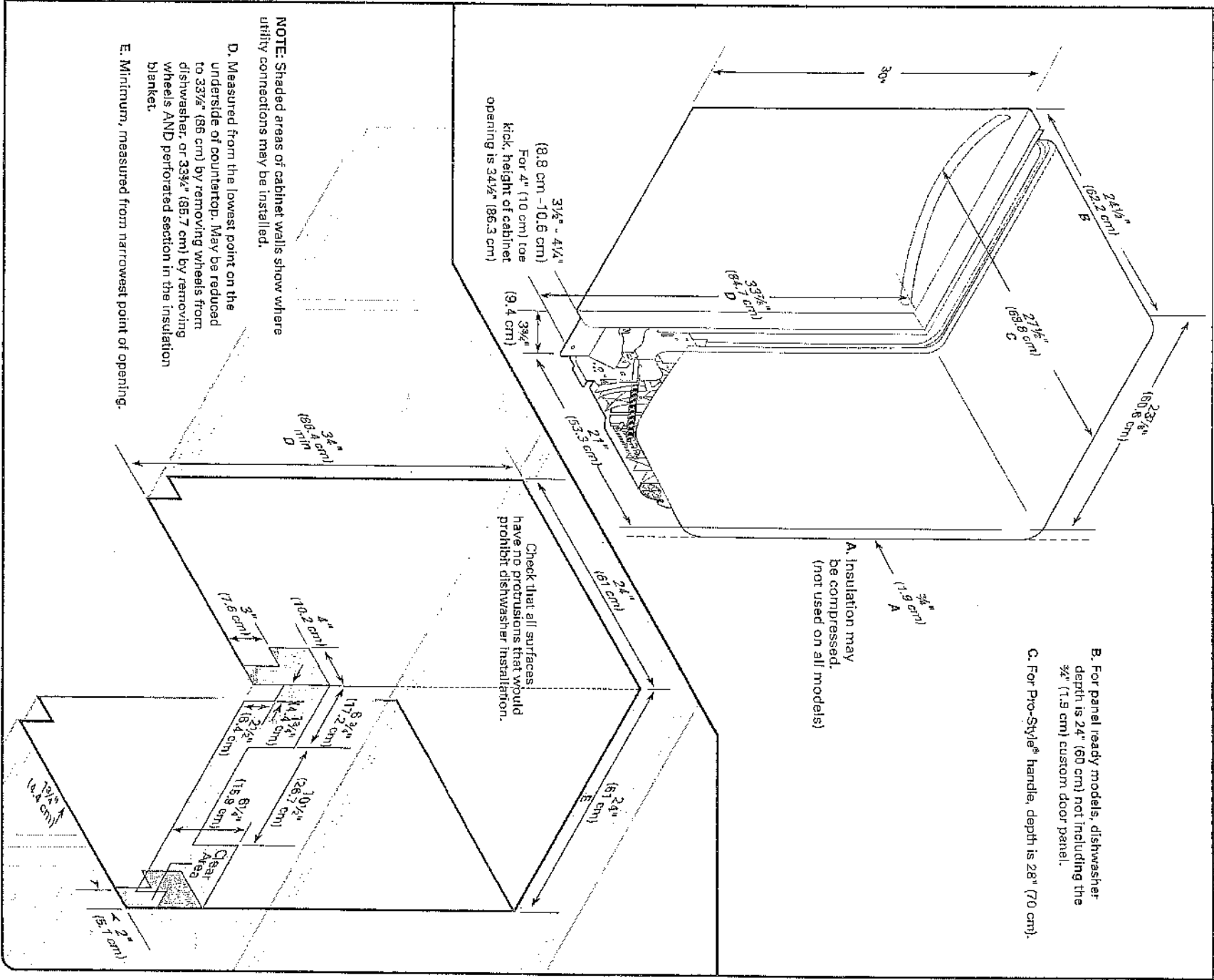


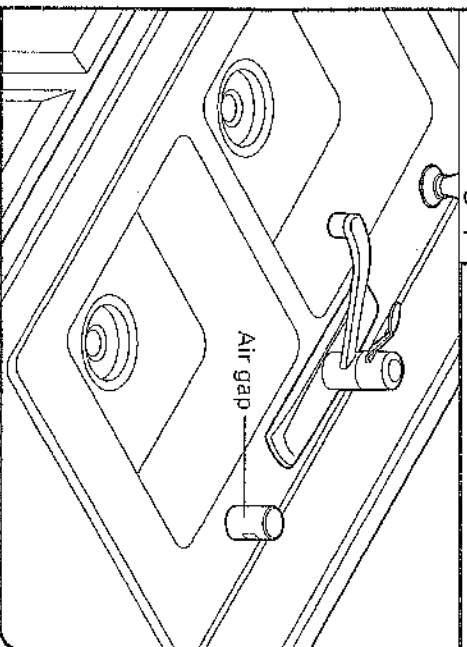
Product and Cabinet Opening Dimensions



Typical 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) (Part Number 3385556) that meets all current AHAM/APMO test standards, is resistant to heat and detergent, and fits the 1" (2.5 cm) drain connector of the dishwasher.
- Make sure to connect 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.

Use of 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 ½" minimum I.D. drain line fittings.
- 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.

Water Supply Requirements

- 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.
- ¾" O.D. copper tubing with compression fitting or flexible braided water supply line (Part Number 4396897AP).
- **NOTE:** ½" minimum plastic tubing is not recommended.
- A 90° elbow with ¾" hose connection with rubber washer.
- Do not solder within 6" (15.2 cm) of the water inlet valve.

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.

We recommend:

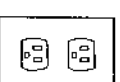
- A time-delay fuse or circuit breaker.
- A separate circuit.

If connecting dishwasher with a power supply cord:

- Use UL Listed power supply cord kit (Part Number 4317824) marked for use with dishwasher.

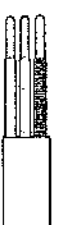


- Power supply cord must plug into a grounded 3 prong outlet, located in the cabinet next to the dishwasher opening. Outlet must meet all local codes and ordinances.



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 strain relief.



KitchenAid® 30", 36", and 48" Professional Dual Fuel Convection Ranges

PRODUCT MODEL NUMBERS

KDRS407VSS	KDRS467VSS	KDRU763VSS
KDRS462VSS	KDRS483VSS	KDRU767VSS
KDRS463VSS	KDRU707VSS	KDRU783VSS

GAS REQUIREMENTS

Type of Gas

Natural Gas:

This range is design-certified by CSA International for use with Natural gas or, after proper conversion, for use with LP 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 in the Installation Instructions. The parts for this kit are in the literature package supplied with the range.

Gas Supply Line

- Provide a gas supply line of ¾" (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 ½" (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 E.I. Du Pont De Nemours and Company.

ELECTRICAL REQUIREMENTS

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 number rating plate. The model/serial number rating plate is located on the right vertical surface of the oven door frame. Refer to the installations in the "Product Dimensions" section of the "Location Requirements" section.

LOCATION REQUIREMENTS

IMPORTANT: To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage. This oven has been designed in accordance with the requirements of UL and CSA International and complies with the maximum allowable wood cabinet temperatures of 194°F (90°C).

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.

- A. *Optional backguard may be installed.*
- B. *27¾" (70.5 cm) depth with control panel, see NOTE* on Page 2*
- C. *35¾" (89.6 cm) cooktop height when setting on the wheels*
- D. *30" (76.2 cm) width*
- E. *Model/serial rating plate location*

- This range may be manufactured with a 4-wire power supply cord, or it 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 1½" (34.9 mm) diameter connection opening.

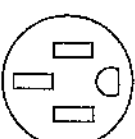
- A circuit breaker is recommended.

- Wire sizes and connections must conform with the rating of the range.

ELECTRICAL REQUIREMENTS - CANADA ONLY

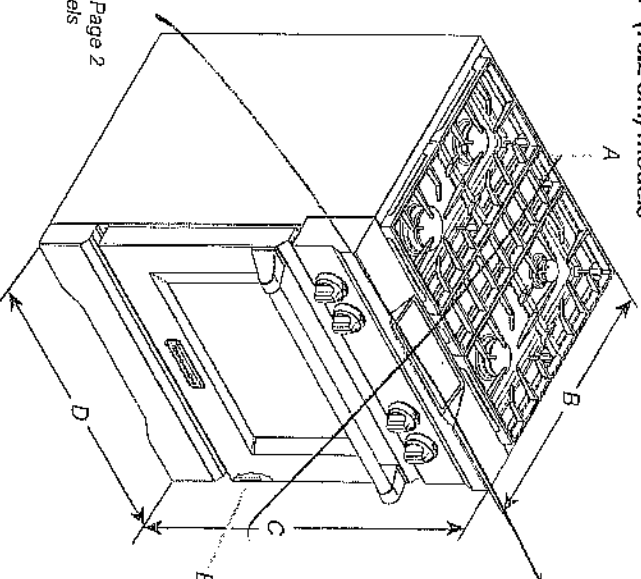
- Check with a qualified electrical installer if you are not sure the range is properly grounded.
- When a 4-wire, single phase 250 volt, 60 Hz., AC only electrical supply is available, a 40-amp minimum circuit protection is required on 30" (76.2 cm) and 36" (91.4 cm) ranges and a 50-amp minimum circuit protection is required on 48" (121.9 cm) ranges, fused on both sides of the line.
- A time-delay fuse or circuit breaker is recommended.
- This range is equipped with a CSA International Certified Power Cord intended to be plugged into a standard 14-50R wall receptacle. Be sure the wall receptacle is within reach of range's final location.

- Do not use an extension cord.



Product Dimensions

30" (76.2 cm) models

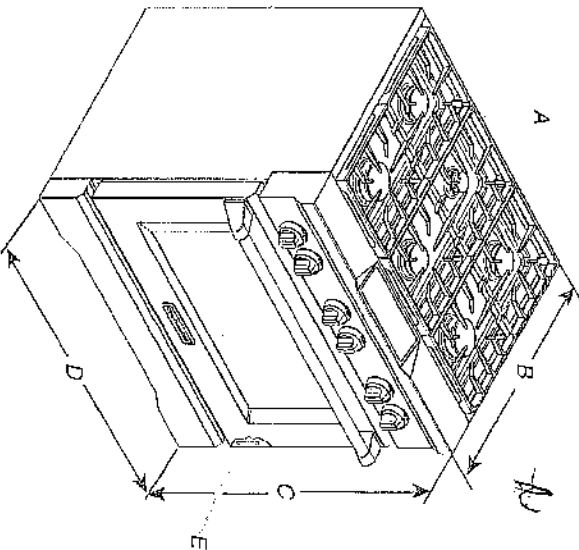


Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice.

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

Ref. W10349767A
9/29/11

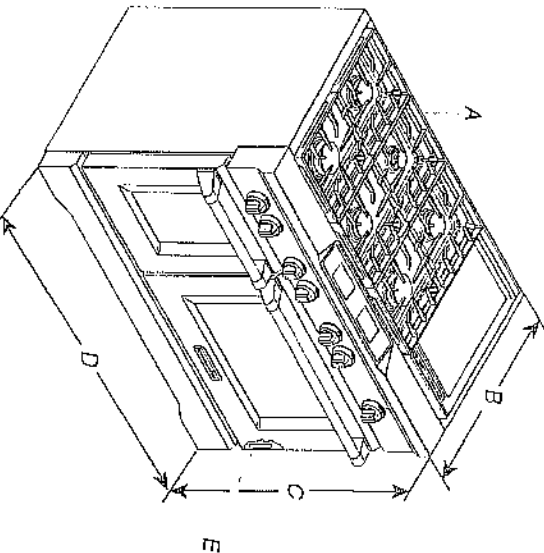
36" (91.4 cm) models



- A. Optional backguard may be installed
- B. 27¾" (70.5 cm) depth with control panel, see NOTE*
- C. 35¾" (90.2 cm) cooktop height when setting 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.



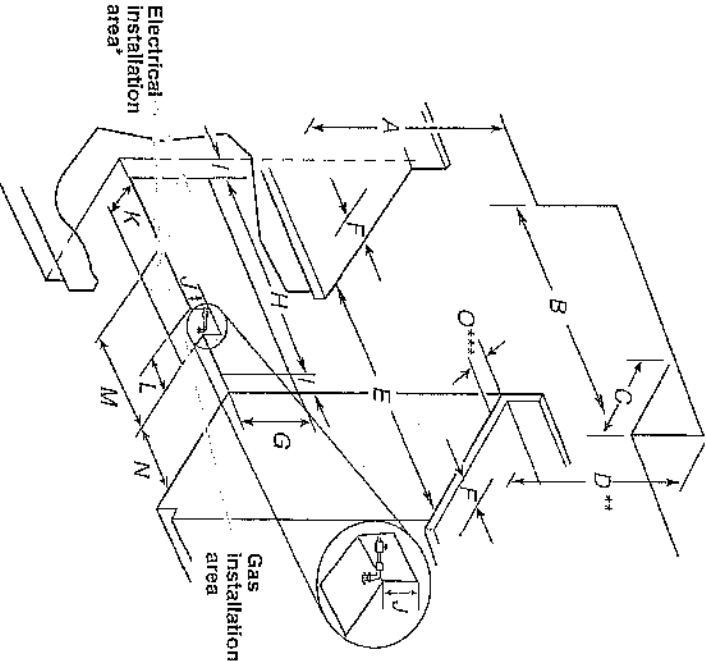
- A. Optional backguard may be installed
- B. 27¾" (70.5 cm) depth with control panel, see NOTE*
- C. 35¾" (90.2 cm) cooktop height when setting on the wheels
- D. 48" (121.9 cm) width
- E. Model/serial rating plate location

*NOTE: When installed in a 24" (61.0 cm) base cabinet with 25" (63.5 cm) countertop, front of over door protrudes 17½" (4.8 cm) beyond 24" (61.0 cm) base cabinet.

Cabinet Dimensions

Cabinet opening dimensions shown are for 25" (64 cm) countertop depth, 24" (61 cm) base cabinet depth and 36" (91.4 cm) countertop height. Dimensions must be met in order to ensure a flush fit to backwall.

IMPORTANT: If installing a range hood above the range, follow the range hood 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, see NOTE**
- E. 30¾" (76.8 cm) on 30" (76.2 cm) models
- 36¼" (92.1 cm) on 36" (91.4 cm) models
- 48¼" (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. 11½" (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. 10½" (26.7 cm)
- N. 6" (15.2 cm)
- O. 6" (15.2 cm), see NOTE***

*NOTE: Receptacle must be rotated 90° for Canadian installation.

****NOTE: 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.

***NOTE: If backwall is constructed of a combustible material and a backguard is not installed, a 6" (15.2 cm) minimum clearance is required for all models.

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

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

Rel. W10849767A
9/28/11

KitchenAid® Bottom Mount Refrigerator

PRODUCT MODEL NUMBERS

KFCP22EX

PRODUCT DIMENSIONS

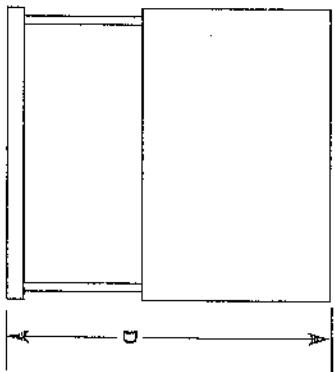
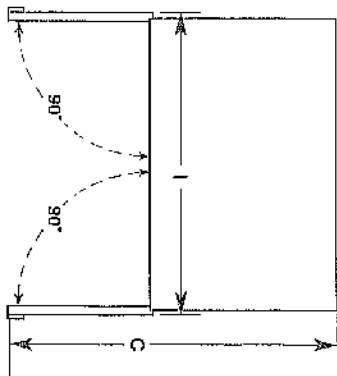
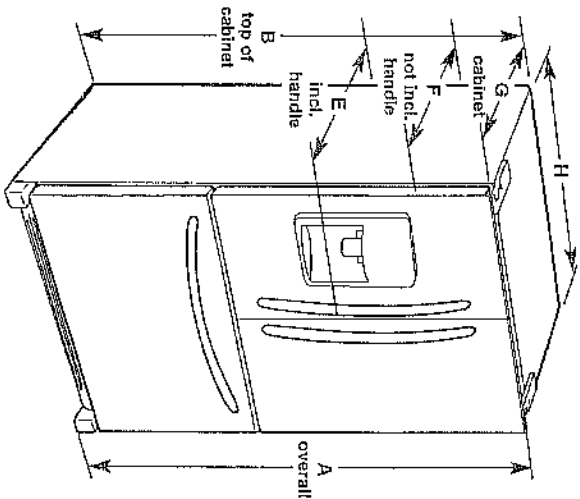
Electrical: A 115-volt, 60-Hz, AC-only, 15- or 20-amp fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your refrigerator be provided. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

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 30 and 120 psi (207 and 827 kPa) is required to operate 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 30 and 120 psi (207 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).



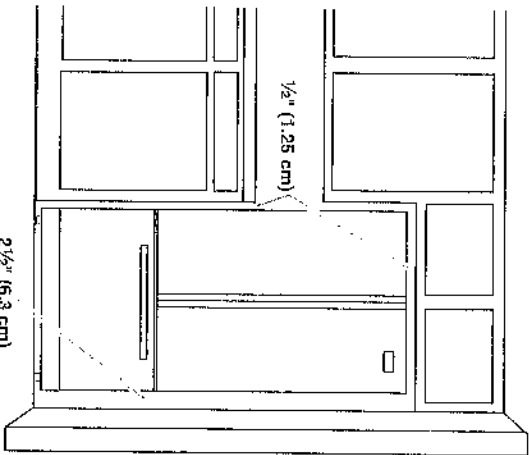
Model Size	Height - Overall "A"	Height - Top of Cabinet "B"	Depth - Doors Open 90° "C"	Depth - Drawer Open "D"	Depth - With Handles "E"	Depth - Without Handles "F"	Depth - Cabinet Only "G"	Width - Cabinet "H"	Width - Door Open 90° "I"
21.8 cu.ft.	71 3/16" (182.7 cm)	70 3/16" (180.2 cm)	44 3/8" (112.0 cm)	45 1/8" (115.0 cm)	30 3/8" (76.5 cm)	27 3/8" (70.5 cm)	24 3/8" (62.5 cm)	35 3/8" (90.5 cm)	38" (96.5 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 at least 1" (2.54 cm) between back of cabinet and the wall. 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 (depending on your model) to allow for the door to swing open.

NOTE: It is recommended that you do not install the refrigerator near an oven, radiator, or other heat source, nor in a location where the temperature will fall below 55°F (13°C).



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

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

Ref. W10326027A
2/4/11