

# KitchenAid® Range Hood - 30" (76.2 cm) and 36" (91.4 cm)

AM C

## PRODUCT MODEL NUMBERS

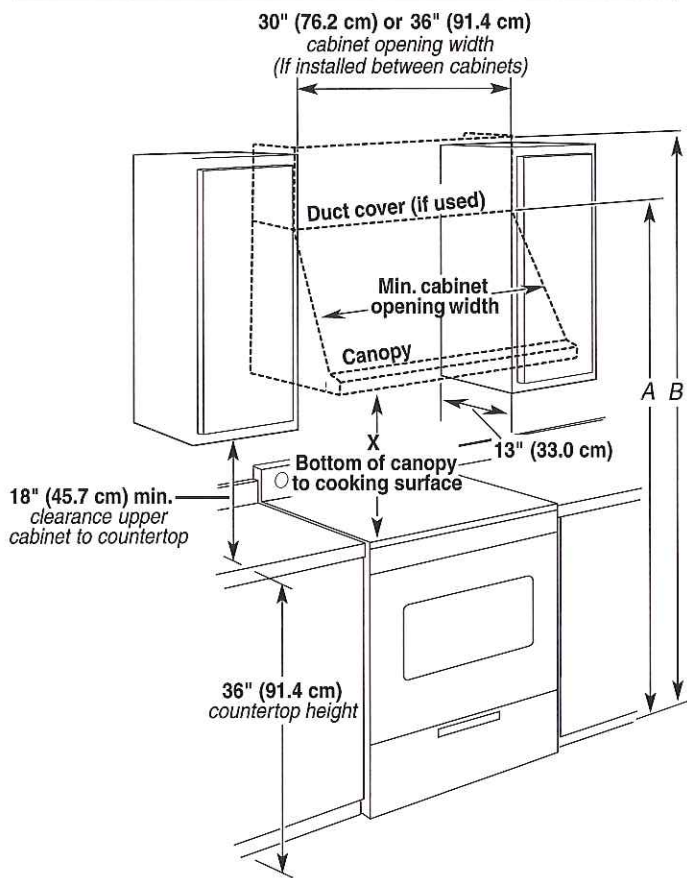
KXU8030Y

KXU8036Y

## Electrical Requirements:

- A 120 volt, 60 Hz., AC only, 15-amp, fused electrical circuit is required.
  - If the house has aluminum wiring, follow the procedure below:
    1. Connect a section of solid copper wire to the pigtail leads.
    2. 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.

## CABINET OPENING DIMENSIONS



A. For installations with canopy only. 70" (177.8 cm) minimum above electric cooking surface. 76" (193.0 cm) minimum above gas cooking surface.

B. For installations with optional duct cover. 82" (208.3 cm) minimum above electric cooking surface. 88" (223.5 cm) minimum above gas cooking surface.

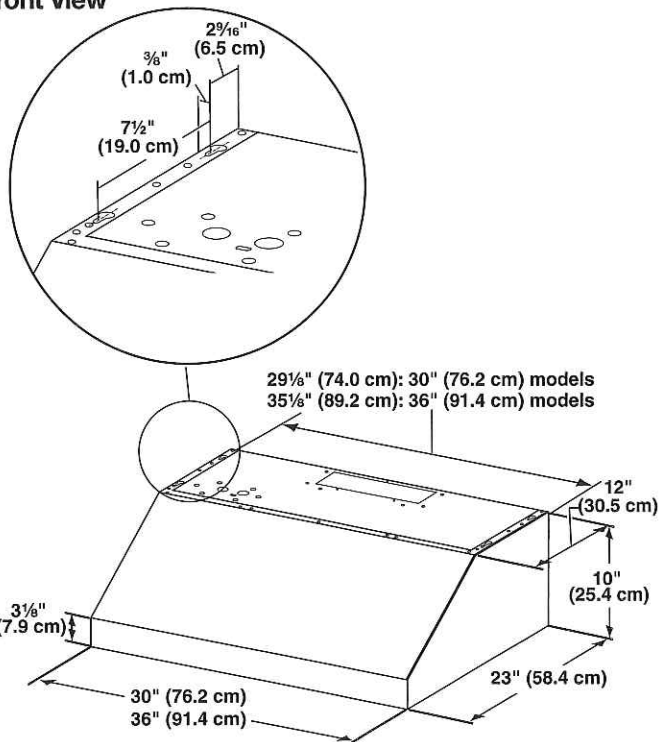
## IMPORTANT:

Minimum distance "X": 24" (61.0 cm) to electric cooking surface and 30" (76.2 cm) to gas cooking surface.

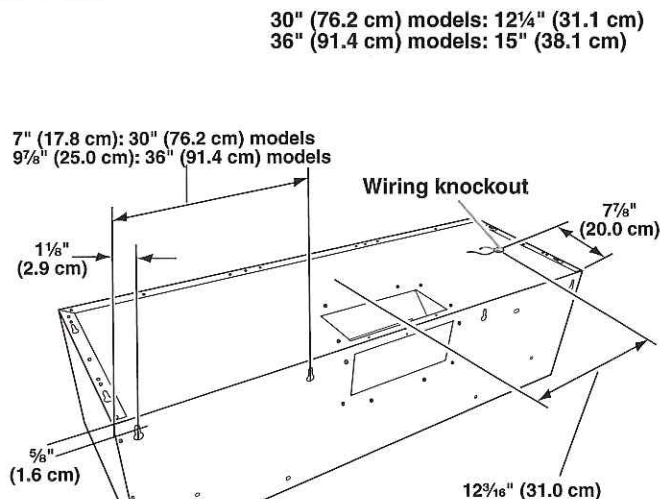
Suggested maximum distance "X": 36" (91.4 cm)

## PRODUCT DIMENSIONS

### Front View



### Back View



Lot 81 S.R 2  
Mac Innis

## VENTING REQUIREMENTS

- Vent system must terminate to the outdoors.
- Do not terminate the vent system in an attic or other enclosed area.
- Do not use a 4" (10.2 cm) laundry-type wall cap.
- Use metal vent only. Rigid metal vent is recommended.
- The length of vent system and number of elbows should be kept to a minimum to provide efficient performance.

### For the most efficient and quiet operation:

- Use no more than three 90° elbows.
- Make sure there is a minimum of 24" (61.0 cm) of straight vent between the elbows if more than 1 elbow is used.
- Do not install 2 elbows together.
- Use clamps or duct tape to seal all joints in the vent system.
- The vent system must have a damper. If roof or wall cap has a damper, do not use damper supplied with the range hood.
- Use caulking to seal exterior wall or roof opening around the cap.
- The size of the vent should be uniform.

## Venting Methods

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

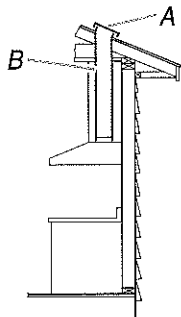
A 3¼" x 10" (8.3 cm x 25.4 cm) rectangular vent system is needed for installation (not included). The hood exhaust opening is 3¼" x 10" (8.3 cm x 25.4 cm). Vent system can terminate either through the roof or wall. To vent out of the top of the range hood and through a wall, a 90° elbow is needed. See "Install Range Hood" section for details for installing the damper.

**NOTE:** Flexible vent is not recommended. Flexible vent creates back pressure and air turbulence that greatly reduce performance.

### Rear discharge

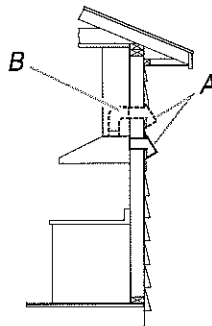
This range hood can be vented directly out the back using the 3¼" x 10" (8.3 cm x 25.4 cm) rectangular damper (supplied) along with a 3¼" x 10" (8.3 cm x 25.4 cm) rectangular vent system (not supplied). See "Install Range Hood" section for details for installing the damper.

### Roof Venting



A. Roof cap  
B. 3¼" x 10" (8.3 cm x 25.4 cm) rectangular metal vent

### Wall Venting (top or rear discharge)



A. Wall cap  
B. 3¼" x 10" (8.3 cm x 25.4 cm) rectangular metal vent

## 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.

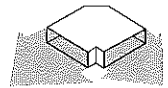
### 3¼" x 10" (8.3 cm x 25.4 cm) Vent System

#### Vent Piece

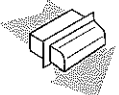
3¼" x 10" (8.3 cm x 25.4 cm)	5.0 ft (1.5 m)
90° elbow	



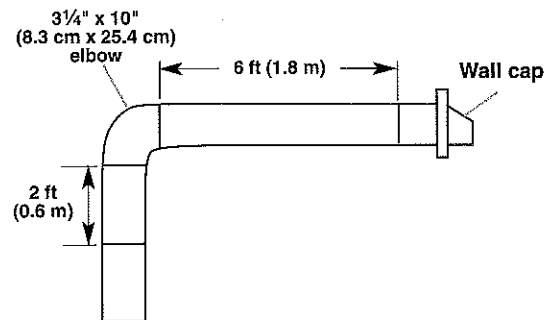
3¼" x 10" (8.3 cm x 25.4 cm)	12.0 ft (3.7 m)
flat elbow	



3¼" x 10" (8.3 cm x 25.4 cm)	0.0 ft (0.0 m)
wall cap	



### Example vent system



<b>Maximum Recommended Length</b>	<b>= 35 ft (10.7 m)</b>
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1 - 90° elbow	= 5.0 ft (1.5 m)
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8 ft (2.4 m) straight	= 8.0 ft (2.4 m)
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1 - wall cap	= 0.0 ft (0.0 m)
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Length of 3¼" x 10" (8.3 cm x 25.4 cm) system	= 13.0 ft (3.9 m)
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# KitchenAid® Bottom Mount Refrigerator

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## PRODUCT MODEL NUMBERS

KFXL25RY

KFXS25RY

**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.

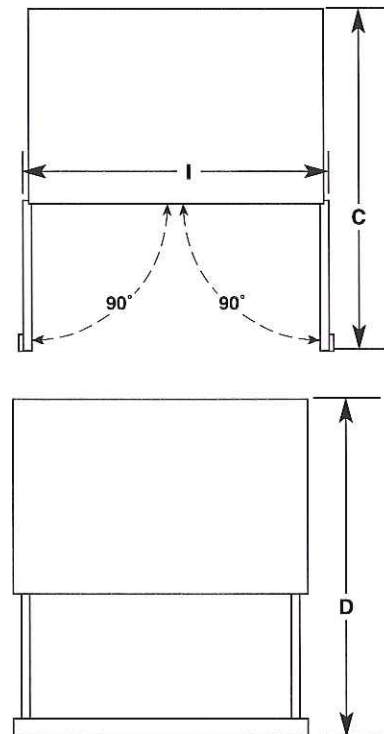
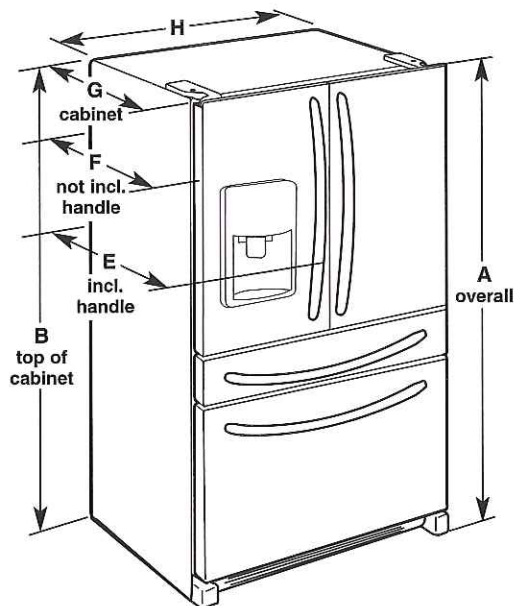
**NOTE:** Before performing any type of installation, cleaning, or removing a light bulb, turn the control (Thermostat, Refrigerator or Freezer Control depending on the model) to OFF and then disconnect the refrigerator from the electrical source. When you are finished, reconnect the refrigerator to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

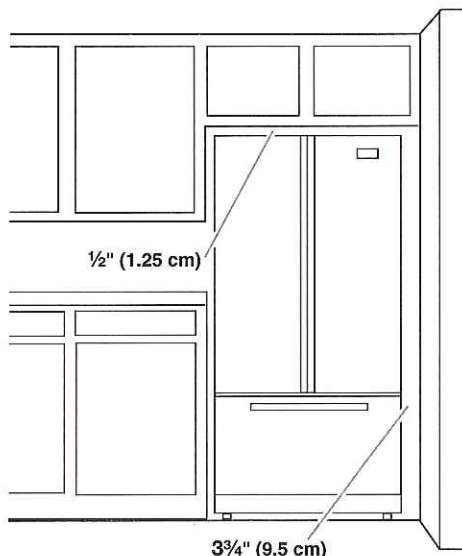
**Reverse Osmosis Water Supply:** If a reverse osmosis water filtration system is connected to your cold water supply, the water pressure to the reverse osmosis system needs to be a minimum of 40 to 60 psi (276 to 414 kPa).

## 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"	Width - Door Open 90° "I"
25 cu.ft.	70 1/8" (178.1 cm)	68 3/8" (174.3 cm)	48" (121.9 cm)	54" (137.2 cm)	34 1/16" (88.1 cm)	32 1/4" (83.5 cm)	29" (73.7 cm)	35 1/8" (90.5 cm)	43" (109.2 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 3/4" (9.5 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).



# KitchenAid® Undercounter Dishwasher



## PRODUCT MODEL NUMBERS

KUDC10FX  
KUDC10IX  
KUDE20FX  
KUDE20IX  
KUDE40FX  
KUDE48FX  
KUDE50CX  
KUDE60FX  
KUDE60HX

KUDE60SX  
KUDE70FX  
KUDL15FX  
KUDS30CX  
KUDS30FX  
KUDS30IX  
KUDS30SX  
KUDS35FX

**Electrical Requirements:** 120-volt, 60-Hz, AC-only, 15- or 20-amp. fused electrical supply. Copper wire only. A timedelay 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 U.L.-listed or CSA-approved conduit connector.

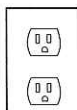
**If connecting dishwasher with a power supply cord:**

Use Power Supply Cord Kit (Part No. 4317824) marked for use with dishwashers. Follow the kit



instructions for installing the power supply cord.

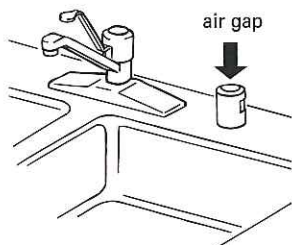
Power supply cord must plug into a grounded three-prong, outlet, located in the cabinet next to the dishwasher opening. Outlet must meet all local codes and ordinances.



**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 (1/2" minimum plastic tubing is not recommended). Use a 90° elbow with 3/4" N.P.T. external pipe threads on one end. 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.

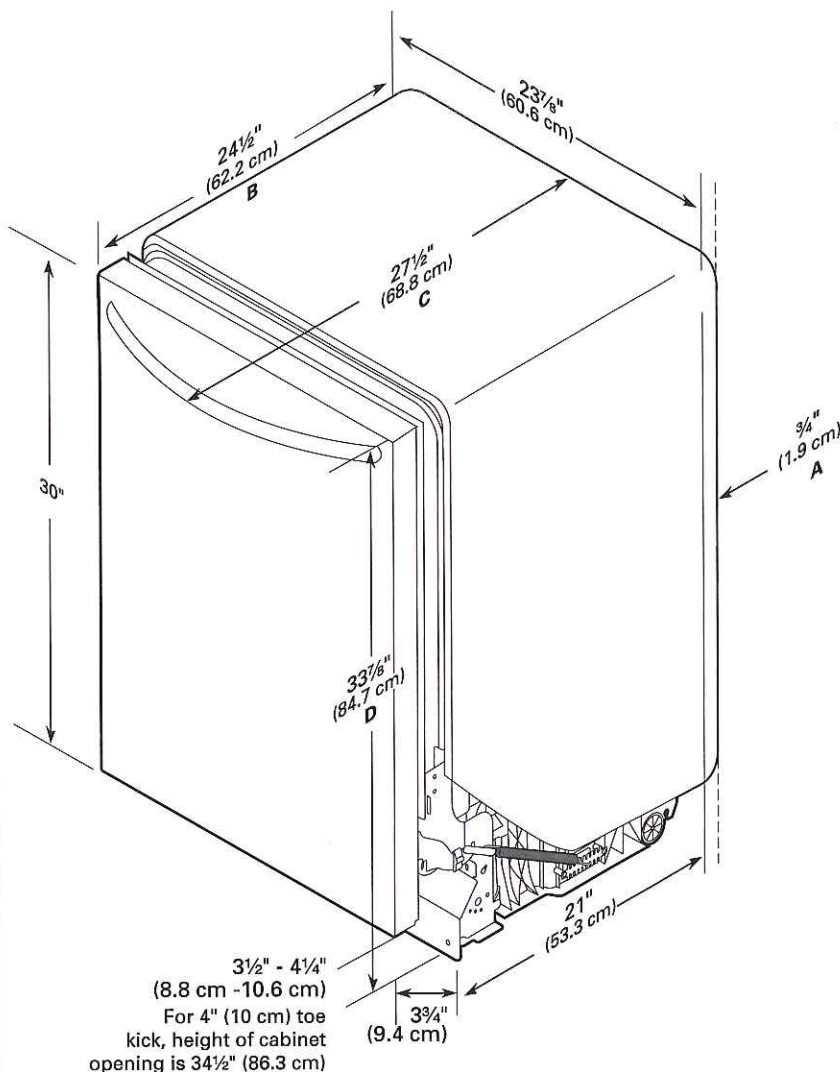


Make sure to use an air gap if the drain hose is connected to house plumbing lower than 20" (50.8 cm) above subfloor or floor.

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.** For Pro Line® handle, depth is 28" (70 cm).

## CABINET CUTOUT DIMENSIONS

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

- D. Measured from the lowest point on the underside of countertop. May be reduced to 33 $\frac{7}{8}$ " (86 cm) by removing wheels from dishwasher, or 33 $\frac{3}{4}$ " (85.7 cm) by removing wheels AND perforated section in the insulation blanket.
- E. Minimum, measured from narrowest point of opening.

