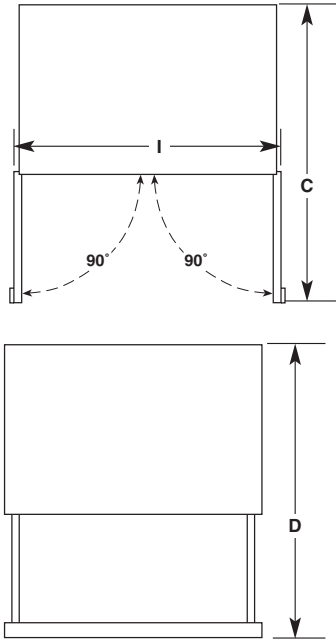
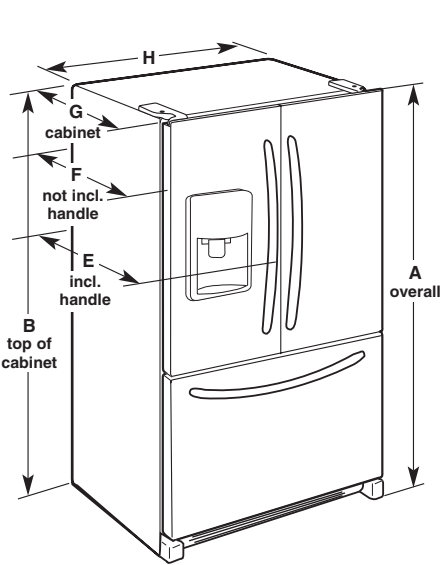


PRODUCT DIMENSIONS



| | |
|-----------------------------|---|
| Model Number | KRFC704F, KRFC604F |
| Model Size | 23.8 cu. ft. (673.9 L) |
| Height - Overall "A" | 71 ⁷ / ₈ " (182.6 cm) |
| Height - Top of Cabinet "B" | 70 ⁷ / ₈ " (180.0 cm) |
| Depth - Doors Open 90° "C" | 43 ³ / ₄ " (111.1 cm) |
| Depth - Drawer Open "D" | 45 ⁷ / ₈ " (116.5 cm) |
| Depth - With Handles "E" | 31 ¹ / ₂ " (80.0 cm) |
| Depth - Without Handles "F" | 28 ⁵ / ₈ " (73.3 cm) |
| Depth - Cabinet Only "G" | 24 ³ / ₈ " (61.9 cm) |
| Width - Cabinet "H" | 35 ⁵ / ₈ " (90.5 cm) |
| Width - Door Open 90° "I" | 43 ⁵ / ₈ " (110.8 cm) |

⚠ WARNING

Electrical Shock Hazard
Plug into a grounded 3 prong outlet.
Do not remove ground prong.
Do not use an adapter.
Do not use an extension cord.
Failure to follow these instructions can result in death, fire, or electrical shock.

Electrical: A 115 V, 60 Hz., AC only, 15 or 20 A fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your freezer 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 home 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).

LOCATION REQUIREMENTS

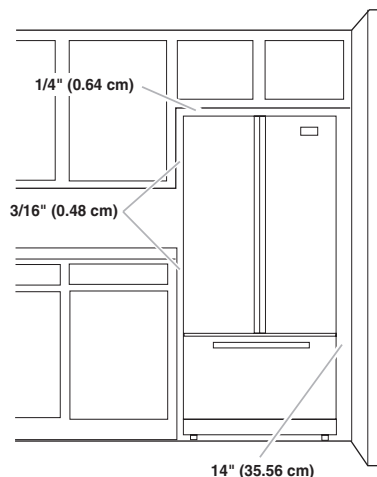
! WARNING



Explosion Hazard

Keep flammable materials and vapors, such as gasoline, away from refrigerator.

Failure to do so can result in death, explosion, or fire.



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

To ensure proper ventilation for your refrigerator, allow for a 3/16" (0.48 cm) of space on each side and 1/4" (0.64 cm) space 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 14" (35.56 cm) minimum space between the refrigerator and wall to allow the door to swing open.

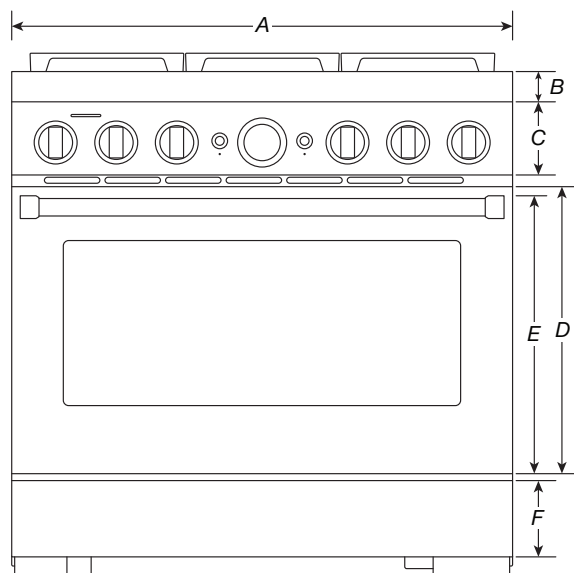
NOTE: This refrigerator is intended for use in a location where the temperature ranges from a minimum of 55°F (13°C) to a maximum of 110°F (43°C). The preferred room temperature range for optimum performance, which reduces electricity usage and provides superior cooling, is between 60°F (15°C) and 90°F (32°C). It is recommended that you do not install the refrigerator near a heat source, such as an oven or radiator.

DIMENSIONS

COMMERCIAL-STYLE RANGES

PRODUCT DIMENSIONS

| MODEL # | 36" (91.4 cm) RANGES ELECTRIC-FUEL/GAS KFD100J/KFGC100J | | 36" (91.4 cm) RANGES ELECTRIC-FUEL/GAS KFD100J/KFGC100J | |
|-------------------------------|---|------|---|------|
| Unit of Measurement | in | cm | in | cm |
| Overall Width (A) | 29 ⁷ / ₈ | 75.9 | 35 ⁷ / ₈ | 91.1 |
| Bullnose Height (B) | 2 ³ / ₁₆ | 5.6 | 2 ³ / ₁₆ | 5.6 |
| Control Panel Height (C) | 5 ⁵ / ₁₆ | 13.5 | 5 ⁵ / ₁₆ | 13.5 |
| Door Height (D) | 20 ¹¹ / ₁₆ | 52.6 | 20 ¹¹ / ₁₆ | 52.6 |
| Door Bottom to Handle Top (E) | 20 | 50.8 | 20 | 50.8 |
| Toe-Kick Height (F) | 5 ¹ / ₂ | 14 | 5 ¹ / ₂ | 14 |



FRONT VIEW

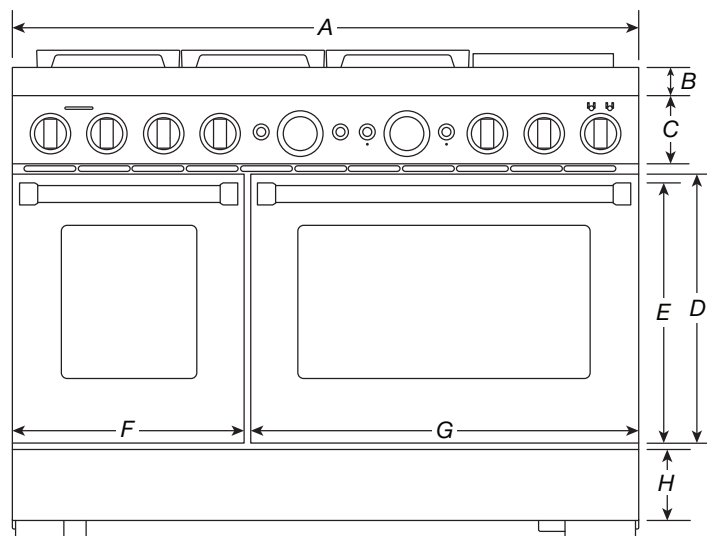
IMPORTANT: Dimensional specifications are provided for planning purposes only.
Do not make any cutouts based on this information. Refer to the Installation Guide before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation.
 All KitchenAid® appliances are appropriately UL, CUL or CSA approved.

DIMENSIONS

COMMERCIAL-STYLE RANGES

PRODUCT DIMENSIONS

| MODEL # | 48" (121.9 cm) RANGES DUAL-FUEL/GAS KFDC558J/KFGC558J | |
|---------------------------------|---|-------|
| Unit of Measurement | in | cm |
| Overall Width (A) | 47 ⁷ / ₈ | 121.6 |
| Bullnose Height (B) | 2 ³ / ₁₆ | 5.6 |
| Control Panel Height (C) | 5 ⁵ / ₁₆ | 13.5 |
| Door Heights (D) | 20 ¹¹ / ₁₆ | 52.6 |
| Door Bottoms to Handle Tops (E) | 20 | 50.8 |
| Secondary Oven Door Width (F) | 17 ³ / ₄ | 45.1 |
| Main Oven Door Width (G) | 29 ⁵ / ₈ | 75.2 |
| Toe-Kick Height (H) | 5 ¹ / ₂ | 14 |



FRONT VIEW

IMPORTANT: Dimensional specifications are provided for planning purposes only.

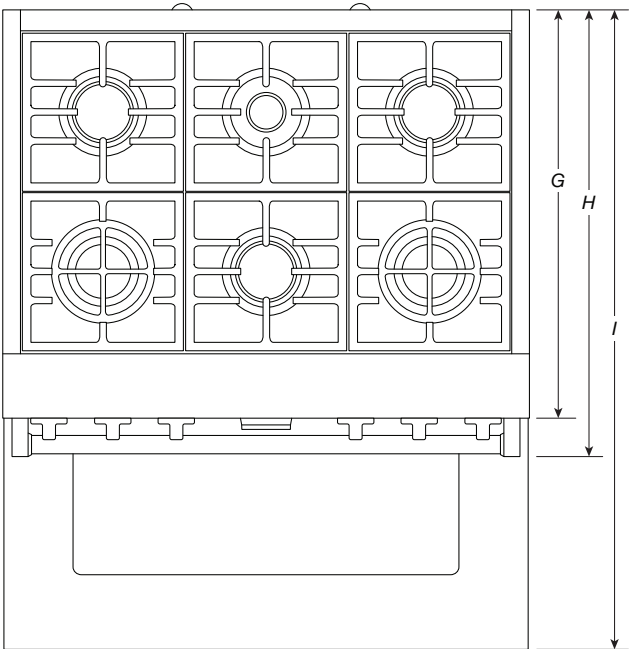
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DIMENSIONS

COMMERCIAL-STYLE RANGES

PRODUCT DIMENSIONS

| MODEL # | 30" (76.2 cm) RANGES ELECTRIC-FUEL/GAS KFDCE60J/KFGCE60J | | 36" (91.4 cm) RANGES ELECTRIC-FUEL/GAS KFDCE66J/KFGCE66J | |
|---------------------------------------|---|------------------|---|------------------|
| Unit of Measurement | in | cm | in | cm |
| Depth with Control Panel Overhang (G) | 27³/₄ | 70.5 | 27³/₄ | 70.5 |
| Depth with Handle (H) | 30¹/₄ | 76.9 | 30¹/₄ | 76.9 |
| Depth with Door Fully Open (I) | 46¹/₂ | 118.1 | 46¹/₂ | 118.1 |



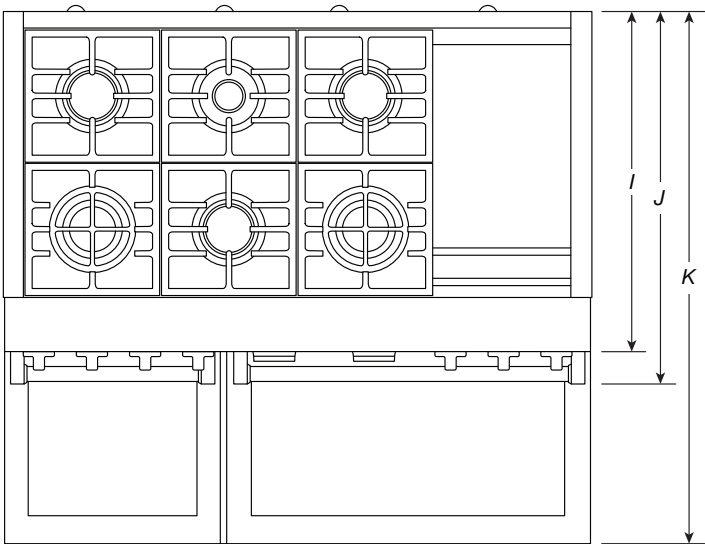
TOP VIEW

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COMMERCIAL-STYLE RANGES

PRODUCT DIMENSIONS

| MODEL # | 48" (121.9 cm) RANGES DUAL-FUEL/GAS KFDC558J/KFGC558J | |
|---------------------------------------|---|-------|
| Unit of Measurement | in | cm |
| Depth with Control Panel Overhang (I) | 27¾ | 70.5 |
| Depth with Handles (J) | 30¼ | 76.9 |
| Depth with Doors Fully Open (K) | 46½ | 118.1 |



TOP VIEW

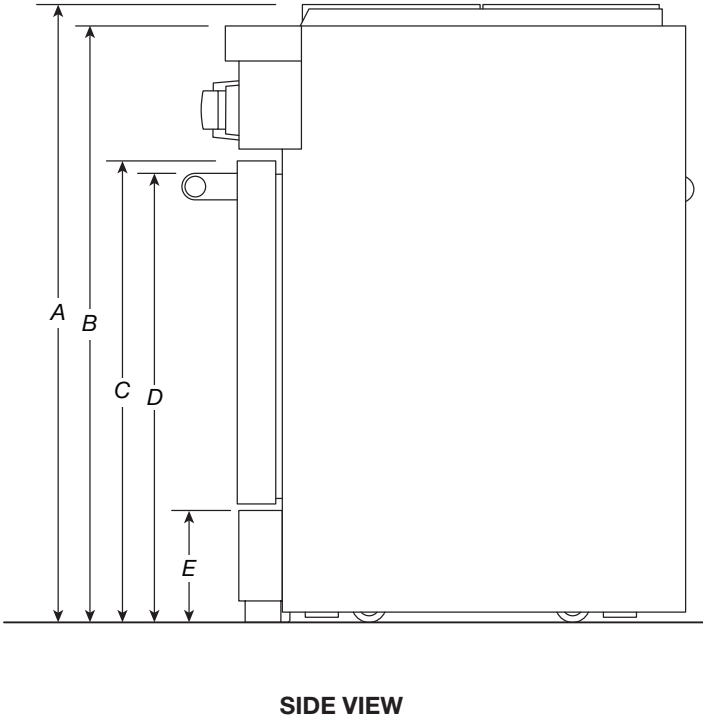
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COMMERCIAL-STYLE RANGES

PRODUCT DIMENSIONS

| MODEL # | 30" (76.2 cm) RANGES DUAL-FUEL/GAS KFD500J/KFGC50J | | 36" (91.4 cm) RANGES DUAL-FUEL/GAS KFD506J/KFGC50J | | 48" (121.9 cm) RANGES DUAL-FUEL/GAS KFD558J/KFGC558J | |
|-----------------------------------|--|------|--|------|--|------|
| | in | cm | in | cm | in | cm |
| Grates Top Height (A) | 37 ³ / ₁₆ | 94.5 | 37 ³ / ₁₆ | 94.5 | 37 ³ / ₁₆ | 94.5 |
| Cooking Surface Top Height (B) | 36 | 91.4 | 36 | 91.4 | 36 | 91.4 |
| Door Top Height (C) | 27 ⁷ / ₈ | 70.8 | 27 ⁷ / ₈ | 70.8 | 27 ⁷ / ₈ | 70.8 |
| Handle Top Height (D) | 27 ¹ / ₈ | 68.9 | 27 ¹ / ₈ | 68.9 | 27 ¹ / ₈ | 68.9 |
| Toe-Kick Height (E) | 6 ⁵ / ₈ | 16.9 | 6 ⁵ / ₈ | 16.9 | 6 ⁵ / ₈ | 16.9 |
| OTHER DIMENSIONS | | | | | | |
| Maximum Feet Extension Height* | 1 ¹ / ₂ | 3.8 | 1 ¹ / ₂ | 3.8 | 1 ¹ / ₂ | 3.8 |

* **IMPORTANT:** Minimum height dimensions are at the lowest point of the height adjustment range.
When the leveling legs are fully extended, all heights have 1½" (3.8 cm) of added height.



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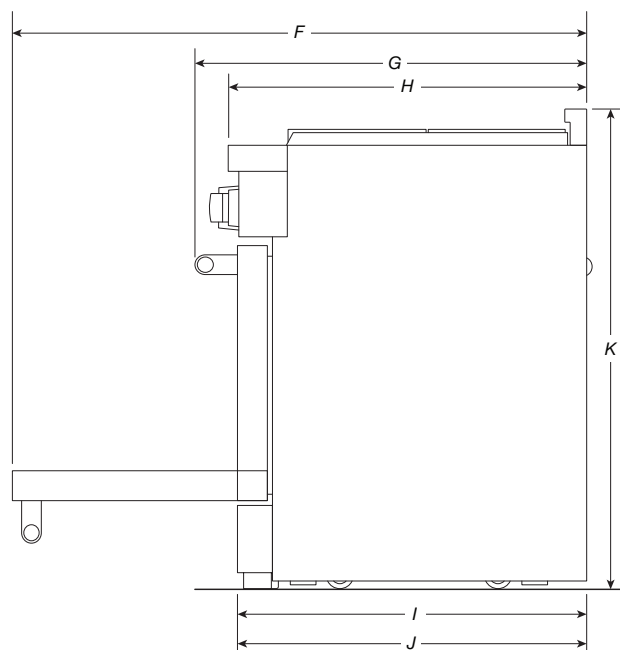
DIMENSIONS

COMMERCIAL-STYLE RANGES

PRODUCT DIMENSIONS

| MODEL # | 36" (91.4 cm) RANGES DUAL-FUEL/GAS KFD500J/KFGC500J | | 36" (91.4 cm) RANGES DUAL-FUEL/GAS KFD506J/KFGC506J | | 48" (121.9 cm) RANGES DUAL-FUEL/GAS KFDC558J/KFGC558J | |
|---------------------------------------|---|-------|---|-------|---|-------|
| | in | cm | in | cm | in | cm |
| Depth with Door Fully Open (F) | 46½ | 118.1 | 46½ | 118.1 | 46½ | 118.1 |
| Depth with Handle (G) | 30¼ | 76.9 | 30¼ | 76.9 | 30¼ | 76.9 |
| Depth with Control Panel Overhang (H) | 27¾ | 70.5 | 27¾ | 70.5 | 27¾ | 70.5 |
| Depth to Toe-Kick with Door (I) | 27 | 68.6 | 27 | 68.6 | 27 | 68.6 |
| Depth with Door (J) | 27 | 68.6 | 27 | 68.6 | 27 | 68.6 |
| OTHER DIMENSIONS | | | | | | |
| Gas Vent Height (K)* | 39 | 99.1 | 39 | 99.1 | 39 | 99.1 |

*Gas Units only: KFGC500J, KFGC506J and KFGC558J.



SIDE VIEW

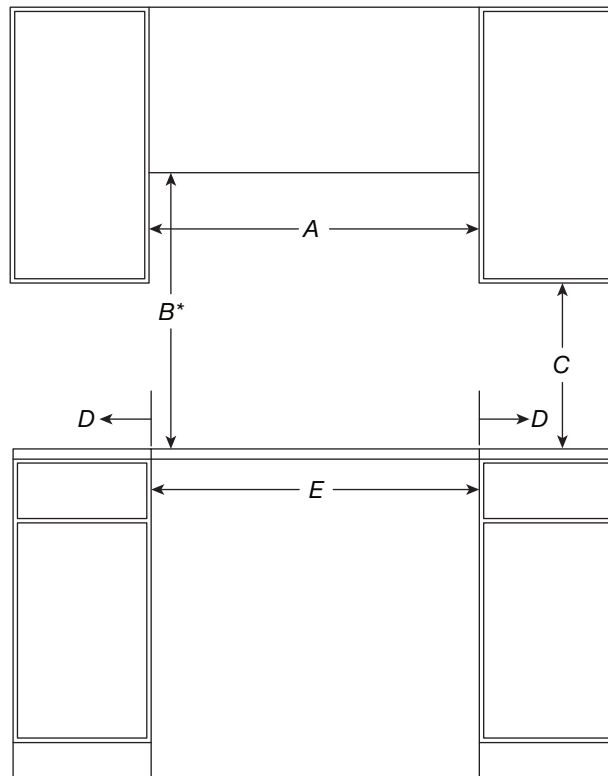
IMPORTANT: Dimensional specifications are provided for planning purposes only.
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COMMERCIAL-STYLE RANGES

OPENING/CLEARANCE DIMENSIONS

| MODEL # | 30" (76.2 cm) RANGES KFLD500J/KFGC500J | | 36" (91.4 cm) RANGES KFLD506J/KFGC506J | | 48" (121.9 cm) RANGES DUAL-FUEL/GAS KFDC558J/KFGC558J | |
|--|---|------------------|---|------------------|---|-------|
| Unit of Measurement | in | cm | in | cm | in | cm |
| Combustible Area above Cooking Surface Width (min.) (A) | 30 | 76.2 | 36 | 91.4 | 48 | 121.9 |
| Bottom of Cabinet Height above Cooking Surface (min.) (B)* | 42 | 106.7 | 58 | 147.3 | 58 | 147.3 |
| Bottom of Cabinet Height above Countertop (min.) (C) | 18 | 45.7 | 18 | 45.7 | 18 | 45.7 |
| Distance to Fixed Wall or Combustible Material (min.) (D) | 12 | 30.5 | 12 | 30.5 | 12 | 30.5 |
| Opening Width (min.) (E) | 30 | 76.2 | 36 | 91.4 | 48 | 121.9 |

* If installing a hood or hood liner above the range, follow the hood or hood liner instructions for dimensional clearances above the cooking surface.



FRONT VIEW

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DIMENSIONS

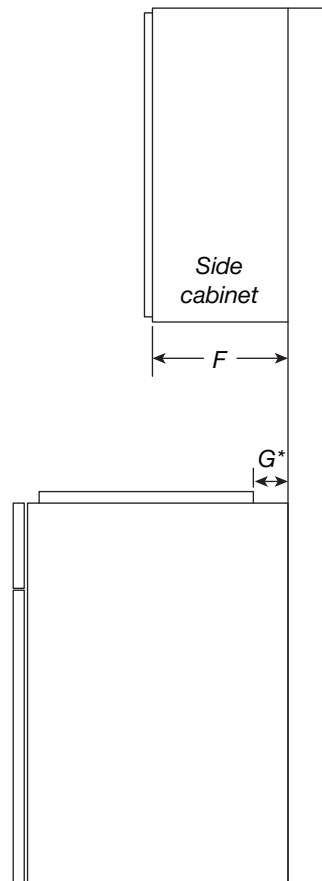
COMMERCIAL-STYLE RANGES

OPENING/CLEARANCE DIMENSIONS

| MODEL # | 30" (76.2 cm) RANGES DUAL-FUEL/GAS KFDL500J/KFGC500J | | 36" (91.4 cm) RANGES DUAL-FUEL/GAS KFDL506J/KFGC506J | | 48" (121.9 cm) RANGES DUAL-FUEL/GAS KFDC558J/KFGC558J | |
|-----------------------------------|---|----------------|---|----------------|---|-----|
| Unit of Measurement | in | cm | in | cm | in | cm |
| Upper Cabinet Depth (max.) (F) | 13 | | 13 | | 13 | 33 |
| Depth from Wall to Grates (G)* | 1 1/2 | 3.9 | 1 1/2 | 3.9 | 1 1/2 | 3.9 |
| Depth from Wall to back of Unit** | 0 | 0 | 0 | 0 | 0 | 0 |

* If the back wall is constructed of a combustible material and a backsplash is not installed a 7 1/2" (19.1 cm) minimum clearance is required.

** If the back wall is constructed of a combustible material and a backsplash is not installed a 6" (15.2 cm) minimum clearance is required.



SIDE VIEW

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COMMERCIAL-STYLE RANGES

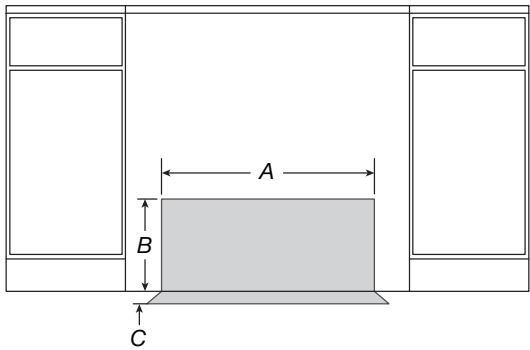
ELECTRICAL REQUIREMENTS

| MODEL # | 30" (76.2 cm) RANGES DUAL-FUEL/GAS KFDL500J/KFGC500J | | 36" (91.4 cm) RANGES DUAL-FUEL/GAS KFDL506J/KFGC506J | | 48" (121.9 cm) RANGES DUAL-FUEL/GAS KFDC558J/KFGC558J | |
|----------------------------|--|------|--|------|---|-------|
| Unit of Measurement | in | cm | in | cm | in | cm |
| Electrical Zone Width (A) | 22 | 55.9 | 28 | 71.1 | 40 | 101.6 |
| Electrical Zone Height (B) | 15 | 38.1 | 15 | 38.1 | 15 | 38.1 |
| Electrical Zone Depth (C) | 5 | 12.7 | 5 | 12.7 | 5 | 12.7 |

ELECTRIC REQUIREMENTS CHECKLIST

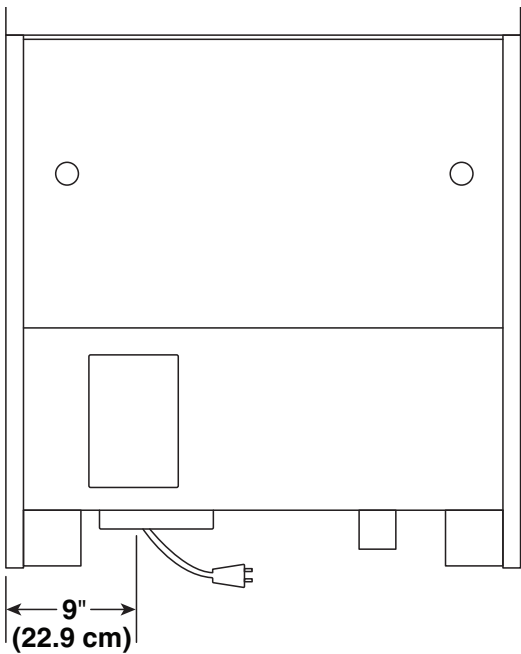
- ☐ A 240 V, 60 Hz, fused, grounded circuit is required.
- ☐ For 30" (76.2 cm) and 36" (91.4 cm) ranges, use a 40 A circuit.
- ☐ For 48" (121.9 cm) ranges, use a 50 A circuit.
- ☐ A dedicated circuit is recommended.

RECOMMENDED ELECTRICAL ZONE



FRONT VIEW

WIDTH TO ELECTRICAL CONDUIT



BACK VIEW

NOTE: If you have questions about your electrical supply, call a licenced, qualified electrician.

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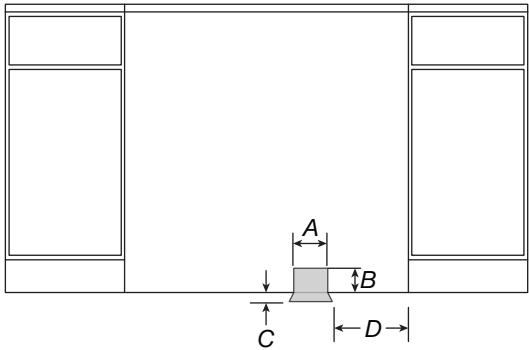
COMMERCIAL-STYLE RANGES

LOT 1-176, INNISFIL, APPLIANCES

GAS REQUIREMENTS

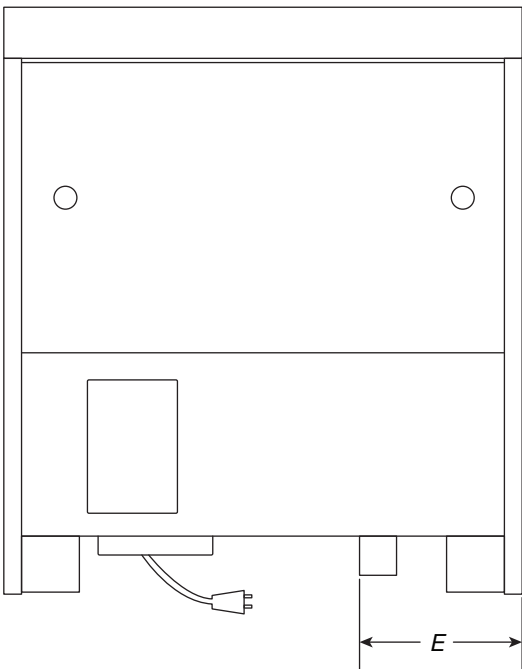
| MODEL # | 30" (76.2 cm) RANGES DUAL-FUEL/GAS KFE500J/KFGC50J | | 36" (91.4 cm) RANGES DUAL-FUEL/GAS KFE506J/KFGC50J | | 48" (121.9 cm) RANGES DUAL-FUEL/GAS KFDC558J/KFGC558J | |
|---|--|------|--|------|---|------|
| | in | cm | in | cm | in | cm |
| Gas Opening Width (A) | 6 | 15.2 | 14 | 35.6 | 24 | 61 |
| Gas Opening Height (B) | 3 | 7.6 | 3 | 7.6 | 3 | 7.6 |
| Gas Opening Depth (C) | 5 | 12.7 | 5 | 12.7 | 5 | 12.7 |
| Distance from Side Cabinet to Gas Opening (D) | 9 | 22.9 | 9 | 22.9 | 9 | 22.9 |
| Width to Gas Inlet (E) | 12 ³ / ₄ | 32.4 | 12 ³ / ₄ | 32.4 | 12 ³ / ₄ | 32.4 |

RECOMMENDED GAS ZONE



FRONT VIEW

WIDTH TO GAS INLET



BACK VIEW

NOTE: If you have questions about your gas supply, call a licenced, qualified service technician.

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KitchenAid®

KitchenAid® 36" and 48" Commercial-Style Ventilation;
Wall-Mount Range Hood

Dimensions 36-inch model : W 36" x D 25" x H 12"
Dimensions 48-inch model : W 48" x D 25" x H 12"
Colours: S

Selling Features

- 585 or 1170 CFM
- 4 Speed
- Push Button Electronic Control
- Heat Lamps

KVWC956KSS

36-inch

KVWC958KSS

48-inch



START THE CONVERSATION

Wall-Mount Canopy Hoods add industrial style with the bold look of stainless steel.

THIS MODEL OFFERS:

COMMERCIAL-STYLE DESIGN



TOP FEATURES

- 4-Speed Fan Control**
Features low, medium, high and power boost settings, so you can choose the right fan speed for every cooking adventure.
- Power Boost Function**
Assists high-heat cooking by activating maximum fan speed for five minutes to help quickly clear smoke and steam. This function turns on automatically if the hood's sensor detects high-heat cooking on multiple burners and can also be activated manually.
- Removable Stainless Steel Baffle Filters**
Help capture the grease, steam and odors for all your cooking needs. The stainless steel design adds to the hood's bold commercial-style look and the filters are removable for easy cleaning with soap and water.

DID YOU KNOW?

This commercial-style range hood is powerful! Does your customer need a make up air kit? Make-up air is additional air that “makes up” for or replaces the air that has been removed from your home, or kitchen, by a ventilation system.

MANY ADDITIONAL
OPTIONS

Complete your kitchen with a powerful wall-mount range hood system that matches the performance of your commercial-style range or rangetop.

TWO LED LIGHTS WITH NIGHT LIGHT SETTINGS

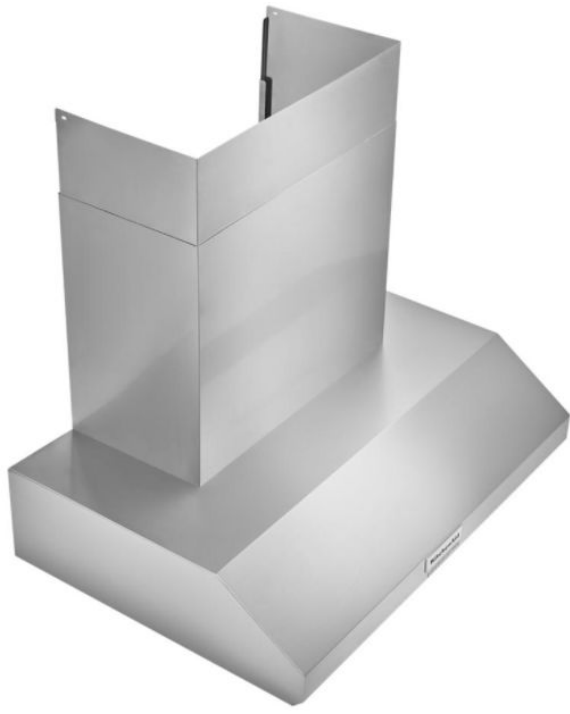
Provide two levels of brightness, allowing you to illuminate the entire cooking surface below with natural-looking light or subtly accent the kitchen with a soft, inviting glow. This hood also comes with food warming lamps.

BACKLIT PUSH BUTTONS IN FRONT LOCATION

Control buttons have been moved from the bottom to the front location. They are now backlit and electronic.

585 OR 1170 CFM BLOWER MOTORS

Powerful ventilation system for commercial-style kitchens. Blower motors have changed mounting holes.



UXB0585KYS
585 CFM Motor Class



UXB1170KYS
1170 CFM Motor Class

RECOMMENDED
PAIRINGS

Be sure to tune into your customers shopping priorities to bundle with other commercial-style products.



KVWC956KSS
90K BTU
KCGC506JSS



KVWC958KSS
105K BTU
KFGC506JPA



KVWC958KSS
105K BTU
KCGC558JSS



KVWC958KSS
105K BTU
KFDC558JMH

BETTER TOGETHER.

DIMENSIONS

RANGE HOOD - ~~36~~" (91.4 CM) AND 48" (121.9 CM)

PRODUCT MODEL NUMBERS: KVWC956KSS and KVWC958KSS

WARNING: To reduce the risk of fire, electric shock, or injury to persons, read the IMPORTANT SAFETY INSTRUCTIONS, located in your appliance's Owner's Manual, before operating this appliance.

Electrical Requirements:

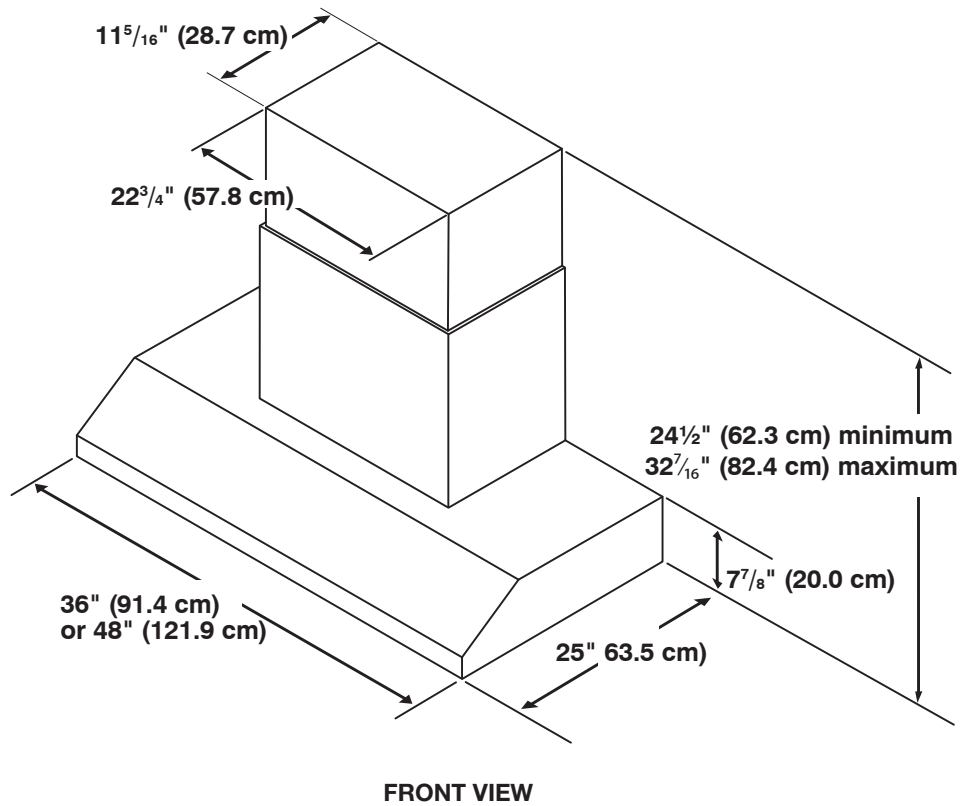
■ A 120 V, 60 Hz, AC only, 15 A, fused electrical circuit is required.

■ If the house has aluminum wiring, follow the procedure below:

Connect the aluminum wiring 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.

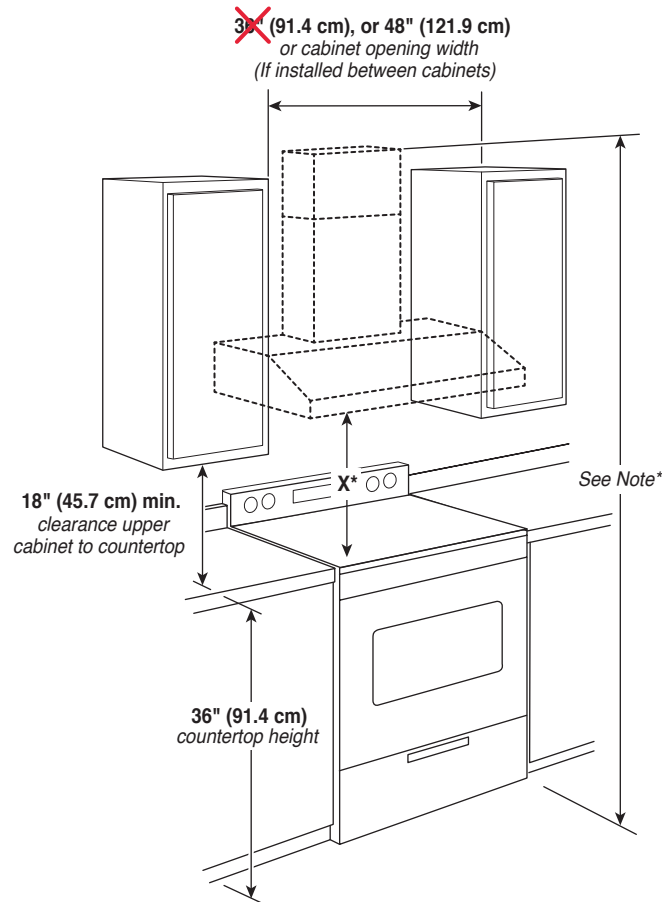
PRODUCT DIMENSIONS



DIMENSIONS

RANGE HOOD - ~~36"~~ (91.4 CM) AND 48" (121.9 CM)

INSTALLATION DIMENSIONS



IMPORTANT:

Minimum distance "X": 24" (61 cm) from electric cooking surfaces

Minimum distance "X": 30" (76.2 cm) from gas cooking surfaces

The chimneys can be adjusted for ceilings between 8' 2³/₈" (2.5 m) and 8' 10⁵/₁₆" (2.7 m) when mounted at 30" (76.2 cm) height over a gas cooking surface.

And the chimneys can be adjusted for ceilings between 7' 8³/₈" (2.4 m) and 8' 4⁵/₁₆" (2.55 m) when mounted at 24" (61 cm) height over electric cooking surface.

***NOTE:** The range hood chimneys are adjustable and designed to meet varying ceiling or soffit heights depending on the distance "X" between the bottom of the range hood and the cooking surface. For higher ceilings, an Extension Kit Part Number EXTKIT20ES is available from your dealer or an authorized parts distributor. The chimney extension replaces the upper chimney shipped with the range hood.

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. Plastic or metal foil vent is not recommended.
- The length of vent system and number of elbows should be kept to a minimum to provide efficient performance.

DIMENSIONS

RANGE HOOD - ~~36"~~ (91.4 CM) AND 48" (121.9 CM)

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 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.

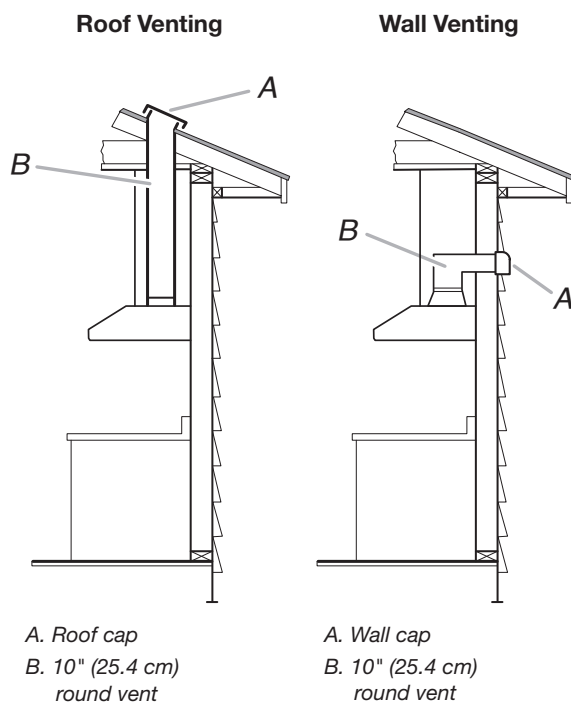
Venting Methods

Typical Internal Blower Motor System Venting Installations

A 10" (25.4 cm) round vent system is needed for installation (not included). The hood exhaust opening is 10" (25.4 cm) round.

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

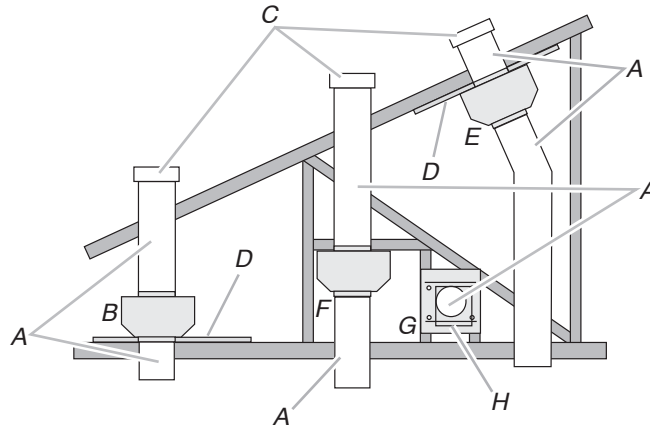
Vent system can terminate either through the roof or wall. To vent through the wall, a 90° elbow is needed.



DIMENSIONS

RANGE HOOD - ~~36"~~ (91.4 CM) AND 48" (121.9 CM)



Typical In-line Blower Motor System Venting Installations



- A. 10" (25.4 cm) round vent
- B. Mount on top of ceiling joists.
- C. Roof caps
- D. Plywood (optional for some installations)
- E. Mount on underside of roof rafters.
- F. Mount from cross-members tied to trusses.
- G. Duct horizontal; mount to cross-members tied to trusses.
- H. Wall cap

Calculating Vent System Length

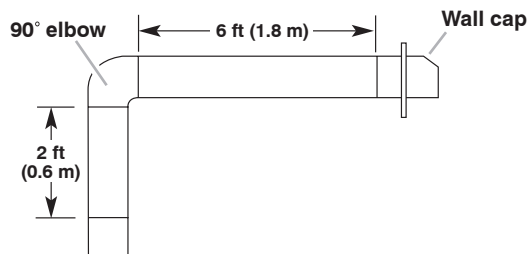
To calculate the length of the system you need, add the equivalent feet (meters) for each vent piece used in the system.

| Vent Piece | Equivalent Length |
|---|-------------------|
| 45° elbow | 2.5 ft (0.8 m) |
|  | |
| 90° elbow | 5.0 ft (1.5 m) |
|  | |

The maximum equivalent vent lengths are:

10" (25.4 cm) round vents - 60 ft (18.3 m)

Example vent system



The following example falls within the maximum recommended vent length.

| | |
|-----------------------|-------------------|
| 1 - 90° elbow | = 5.0 ft (1.5 m) |
| 1 - wall cap | = 0.0 ft (0.0 m) |
| 8 ft (2.4 m) straight | = 8.0 ft (2.4 m) |
| Length of system | = 13.0 ft (3.9 m) |



UNDER COUNTER BEVERAGE CENTER

Use and Care Guide and Installation Instruction

For questions about features, operation/performance, parts, accessories, or service, call: **1-800-422-1230**
 or visit our website at... **www.kitchenAid.com**
 In Canada, call: **1-800-807-6777**, or visit our website at... **www.KitchenAid.ca**

TABLE OF CONTENTS

| | |
|--|-----------|
| BEVERAGE CENTER SAFETY..... | 2 |
| Proper Disposal of Your Old Beverage Center..... | 3 |
| INSTALLATION REQUIREMENTS | 3 |
| Tools and Parts | 3 |
| Location Requirements | 3 |
| Product Dimensions..... | 4 |
| Custom Overlay Panel | 4 |
| Handle (Optional) | 5 |
| Electrical Requirements | 5 |
| INSTALLATION INSTRUCTIONS | 5 |
| Unpack the Beverage Center | 5 |
| Custom Overlay Panel Installation | 6 |
| Installation and Door Closing..... | 7 |
| USING BEVERAGE CENTER | 7 |
| Controls | 7 |
| Normal Sounds | 8 |
| Stocking the Beverage Center | 9 |
| Wine Racks..... | 9 |
| Beverage Center Shelves | 10 |
| CARE AND CLEANING..... | 10 |
| Cleaning | 10 |
| Removing Base Grille | 10 |
| Vacation Care | 11 |
| Moving Care | 11 |
| TROUBLESHOOTING | 11 |
| ASSISTANCE | 13 |
| In the U.S.A..... | 13 |
| In Canada | 13 |
| Accessories | 13 |

BEVERAGE CENTER SAFETY

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.

LOT 1-176, INNISFIL, APPLIANCES



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING."

These words mean:

DANGER

You can be killed or seriously injured if you don't immediately follow instructions.

WARNING

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire, electric shock, or injury when using your beverage center, follow these basic precautions:

- Plug into a grounded 3 prong outlet.
- Do not remove ground prong.
- Do not use an adapter.
- Do not use an extension cord.
- Disconnect power before servicing.
- Replace all parts and panels before operating.
- Remove doors from your old beverage center.
- Use non flammable cleaner.
- Do not store or use petrol, flammable liquids or gas in the vicinity of this or other electrical appliances. The fumes can cause fires or explosions.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this beverage center.
- Do not use or place electrical devices inside the beverage center compartments if they are not of the type expressly authorized by the manufacturer.
- Use two or more people to move and install beverage center.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- To avoid the risk of children becoming trapped and suffocating, do not allow them to play or hide inside the beverage center.
- If the power supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer
- Do not damage the refrigerant circuit.

SAVE THESE INSTRUCTIONS

Proper Disposal of your Old Beverage Center

WARNING: Risk of child entrapment. Before you throw away your old Beverage Center:

- Take off the door.
- Leave the shelves in place so that children may not easily climb inside.

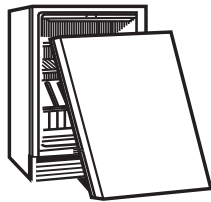
⚠ WARNING

Suffocation Hazard

Remove doors or lid from your old appliance.

Failure to do so can result in death or brain damage.

IMPORTANT: Child entrapment and suffocation are not problems of the past. Junked or abandoned beverage centers are still dangerous – even if they will sit for “just a few days.” If you are getting rid of your old beverage centers, please follow these instructions to help prevent accidents.



Important information to know about disposal of refrigerants:

Dispose of refrigerator in accordance with Federal and Local regulations. Refrigerants must be evacuated by a licensed, EPA certified refrigerant technician in accordance with established procedures.

INSTALLATION REQUIREMENTS

Tools and Parts

Gather the required tools and parts before starting installation.

Tools and parts needed:

- Phillips screwdriver.
- Custom Overlay Door Panel - Refer “Custom Overlay Panel Preparation”.
- Custom handle and mounting hardware (optional).

Parts supplied:

- M4 x 30 flathead screws (8).

LOT 1-176, INNISFIL, APPLIANCES

Location Requirements

⚠ WARNING



Explosion Hazard

Keep flammable materials and vapors, such as gasoline, away from beverage center.

Failure to do so can result in death, explosion, or fire.

IMPORTANT: This appliance is intended to be used in household and similar applications such as:

- Staff kitchen areas in shops, office and other working environments;
- Farm houses and by clients in hotels, motels and other residential type environments;
- Bed and breakfast type environments;
- Catering and similar non-retail applications.

NOTES:

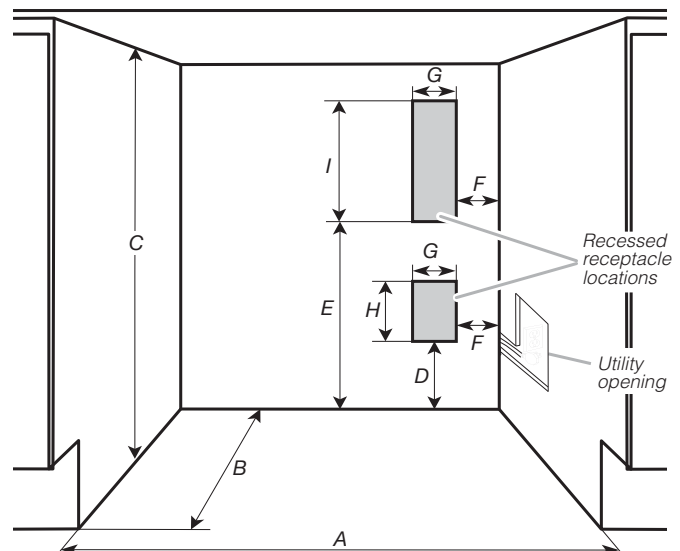
- For the beverage center to be flush with the front of the base cabinets, remove any baseboards or moldings from the rear of the opening. See “Product Dimensions” and later in this section, “Opening Dimensions”.
- It is recommended that you do not install the beverage center near an oven, radiator, or other heat source.
- Do not install in a location where the temperature will fall below 55 °F (13 °C). For best performance, do not install the beverage center behind a cabinet door or block the base grille.

Opening dimensions:

- Height dimensions are shown with the leveling legs extended to the minimum height.

NOTE: When leveling legs are fully extended, add 5/8” (15 mm) to the height dimensions. See “Product Dimensions.”

- If the floor of the opening is not level with the kitchen floor, shim the opening to make it level with the kitchen floor.



| Opening and utility location dimensions | |
|---|---|
| Opening width - A | 24" (60.96 cm) min. |
| Opening depth - B | 24" (60.96 cm) min. |
| Opening height - C | 34 ¹ / ₂ " (87.6 cm) min. 35" (88.9 cm) max. |
| Dimension - D | 12 ¹ / ₁₆ " (30.64 cm) |
| Dimension - E | 21 ³ / ₄ " (55.16 cm) |
| Dimension - F | 1 ³ / ₄ " (4.44 cm) |
| Dimension - G | 3" (7.55 cm) |
| Dimension - H | 4 ¹ / ₂ " (11.37 cm) |
| Dimension - I | 9 ¹ / ₄ " (23.47 cm) |

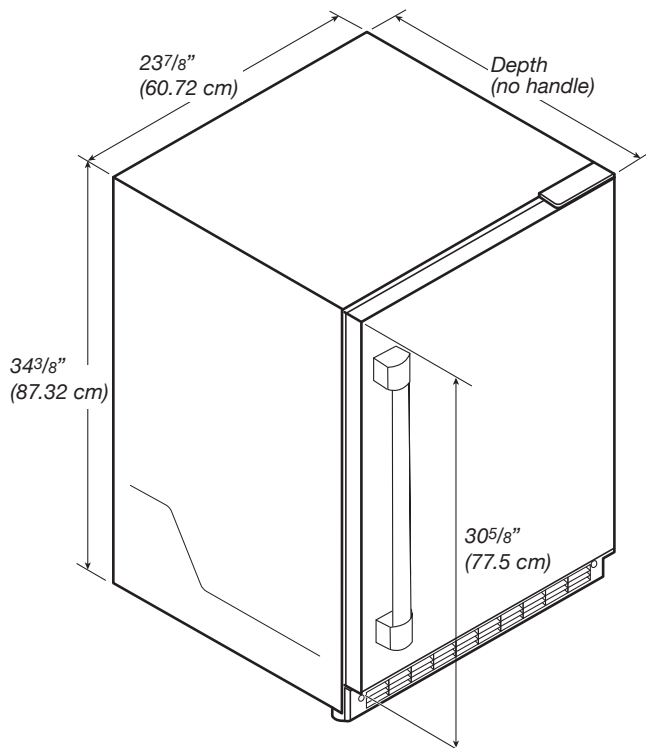
For flush installation, the power outlet can be installed in adjacent cabinetry with a cutout on the power cord side for routing of the power cord.

The power outlet can also be recessed on the back wall behind the unit as per recommended receptacle locations in the above illustration.

Product Dimensions

| Overall product | |
|--|--|
| Width (up to hinge cover) | 23 ⁷ / ₈ " (60.72 cm) |
| Height (up to hinge cover) | 34 ³ / ₈ " (87.32 cm) |
| Panel ready models depth (with 3/4" panel and no handle) | 23 ¹³ / ₁₆ " (60.5 cm) |
| Raw Door Height | 30 ⁵ / ₈ " (77.75 cm) |
| Depth (no handle) | 23 ⁵ / ₈ " (60.01 cm) |

NOTE: The power cord is 60" (152.4 cm) long.



Custom Overlay Panel

NOTE: For standard stainless steel or glass door models, skip these instructions and go to "Electrical Requirements" section.

If you plan to install a custom overlay panel, you will need to create the panel yourself or consult a qualified cabinet maker or carpenter. Refer dimension drawings for panel specifications.

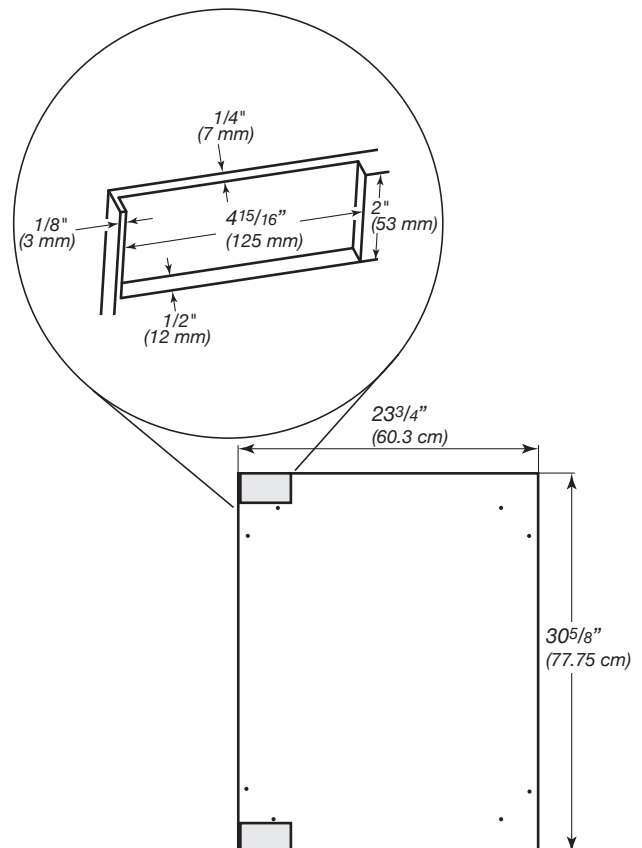
IMPORTANT:

- The thickness of the overlay panel must be 3/4" (19 mm).
- Custom solid door overlay panel must not weigh more than 20 lb (9.07 kg).
- Custom glass door overlay panel must not weigh more than 10 lb (4.54 kg).
- Overlay panels weighing more than recommended may cause damage to your appliance.

Solid door overlay panel - Preparation:

Create the custom overlay panel using the dimensions shown in the illustration "Solid door overlay panel and hinge routing dimensions". Route shaded areas to a 1/2" (12 mm) depth as shown.

IMPORTANT: The following graphic shows a custom panel for a door with the hinges installed on the right-hand side. If your beverage center has the hinges installed on the left-hand side, rotate the custom frame 180° so the hinge markings will be on the left.



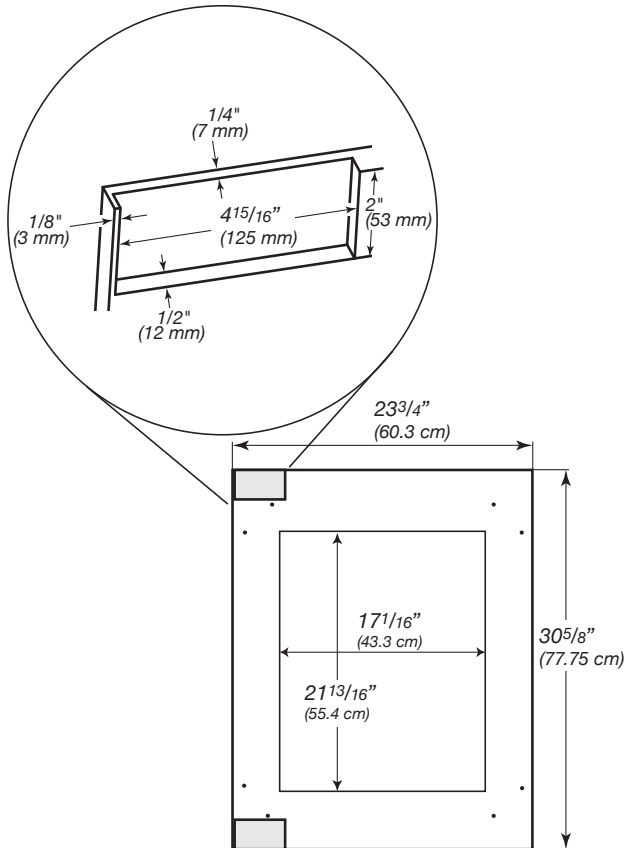
Solid door overlay panel and hinge routing dimensions

Glass door overlay panel - Preparation:

Create the custom overlay panel using the dimensions shown in the illustration "Glass door overlay panel and hinge routing dimensions". Route shaded areas to a 1/2" (12 mm) depth as shown.

IMPORTANT: The following graphic shows a custom panel for a door with the hinges installed on the right-hand side.

If your beverage center has the hinges installed on the left-hand side, rotate the custom frame 180° so the hinge markings will be on the left.



Glass door overlay panel and hinge routing dimensions

Handle (optional)

Custom handles are typically attached to the custom overlay door panel only.

Refer instructions received with KitchenAid handle kits to install these handles on custom wood panels.

Custom handle needs to be installed on the door panel with countersunk holes and installed before the custom overlay door panel has been installed on the beverage center door.

Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

Before you move your beverage center into its final location, it is important to make sure you have the proper electrical connection.

Recommended grounding method:

A 115 V, 60 Hz, AC only, 15 A or 20 A fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your beverage center 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, unplug beverage center or disconnect power.

INSTALLATION INSTRUCTIONS

Unpack the Beverage Center

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install or uninstall appliance.

Failure to do so can result in back or other injury.

Before using your beverage center, all packaging materials should be removed and the interior should be cleaned.

- Remove tape and glue residue from surfaces before turning on the beverage center. With your fingers, rub a small amount of liquid dish soap over any adhesive and wipe with warm water to remove.
- Do not use sharp instruments, rubbing alcohol, flammable fluids, or abrasive cleaners to remove tape or glue. These can damage the surfaces of your beverage center. For more information, refer "Beverage Center Safety" section.

LOT 1-176, INNISFIL, APPLIANCES

- Dispose of and/or recycle all packaging materials.
- After all packaging materials have been removed, clean the inside of your beverage center. Refer the cleaning instructions in "Cleaning" section.

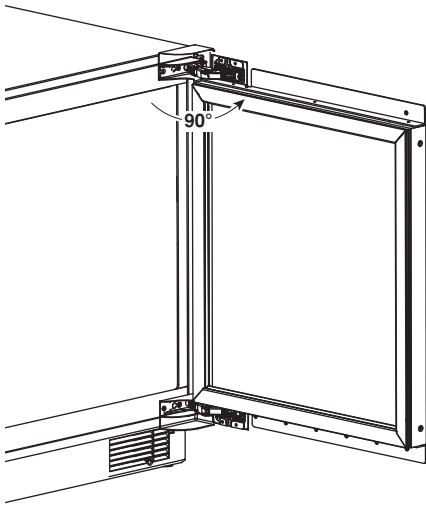
NOTE: For standard stainless steel or glass door models, skip to "Door Closing" section.

Custom Overlay Panel Installation

IMPORTANT:

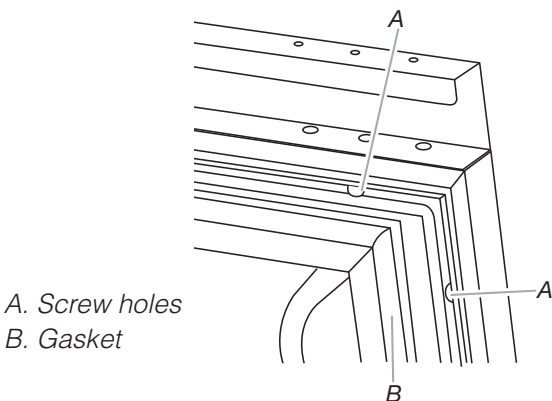
- Create custom overlay panel according to the specifications in the "Custom Overlay Panel" section.
- KitchenAid is not responsible for the removal or addition of molding or decorative panels that would not allow access to the beverage center for service.

1. Open the door completely to 90°.

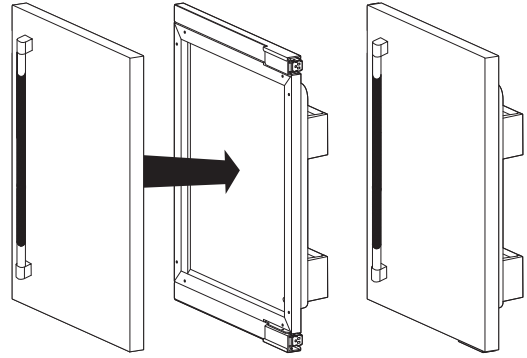


2. Remove the gasket from the corners of the door, pulling gently until the two screw holes in each corner of the door can be seen.

NOTE: The gasket does not have to be removed from the door, only the corners.

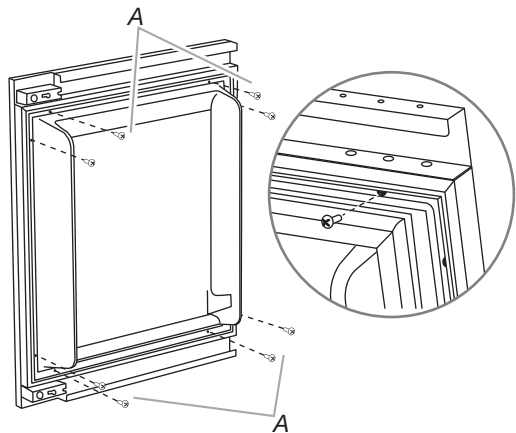


3. Using two people, hold the custom overlay panel against the door. Be sure that the top and bottom hinges fit accurately into the routing on back of the custom wood panel.



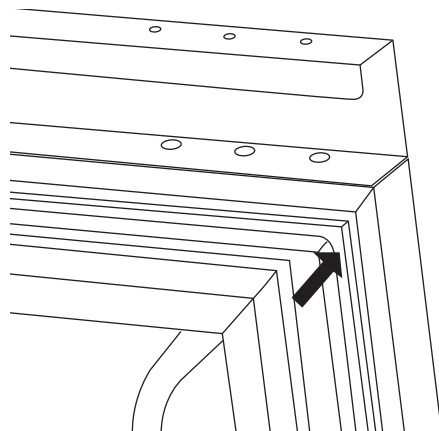
NOTE: Handle needs to be installed before the custom overlay door panel has been installed on the beverage center door.

4. Fasten the custom panel to the door using two wood screws (provided in installation kit) at each corner.



A. M4 x 30 flathead screws (provided in installation kit)

5. Press the gasket firmly back into its original position.



Installation and Door Closing

Your beverage center has four leveling legs. If your beverage center seems unsteady or you want the door to close more easily, adjust the beverage center's tilt using the instructions below.

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

1. Plug into a grounded 3 prong outlet.

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install or uninstall appliance.

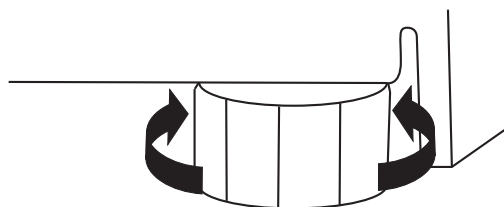
Failure to do so can result in back or other injury.

When moving your Beverage Center:

Your beverage center is heavy. When moving the beverage center for cleaning or service, be sure to cover the door with cardboard or hardboard to avoid door damage. Always pull the beverage center straight out when moving it. Do not wiggle or "walk" the beverage center when trying to move it, as door damage could occur.

2. Move the beverage center into its final location.
3. Turn the leveling legs to the right to lower the beverage center, or turn the leveling legs to the left to raise it. It may take several turns of the leveling legs to adjust the tilt of the beverage center.

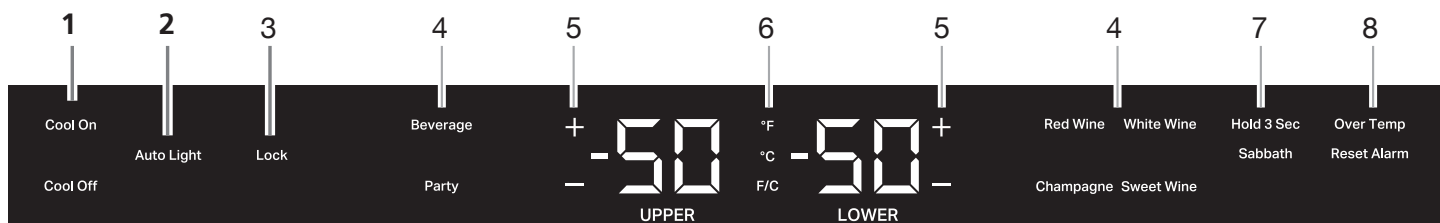
NOTE: Having someone push against the top of the beverage center takes some weight off the leveling legs. This makes it easier to adjust the leveling legs.



4. Open the door and check that it closes as easily as you like. If not, tilt the beverage center slightly more to the rear by turning both front leveling screws to the right. It may take several more turns, and you should turn both leveling legs the same amount.

USING BEVERAGE CENTER

Controls



NOTES:

- When the beverage center is turned On for the first time, the temperature defaults to the recommended setting.
- There are two adjustable temperature controls, one for each compartment.
- The left temperature and preset touch pads control the temperature of the upper compartment.
- The right temperature and preset touch pads control the temperature of the lower compartment.

1. Turning Control On/Off

The first time that the beverage center is plugged in, the control will be in Cool Off mode. Cool On and Cool Off will be the only options that display.

Press COOL ON for 3 seconds to turn on the beverage center. All menus and recommended temperature settings will be displayed.

Cool On
Cool Off

2. Auto Light Option

Features a proximity sensor in the base grille that automatically ramps on the LED interior display lighting when motion is detected. When motion is no longer detected, the interior display light will turn off after 2 minutes.

Auto Light

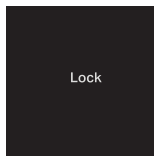
- Press the AUTO LIGHT option to activate this feature.
- When the AUTO LIGHT is not activated, the interior display light will only turn on when the door is opened.

NOTE: Leaving the light on for an extended period of time will slightly increase the temperature of the beverage center.

3. Control Lock

A selectable feature that locks all controls except for Cool On and Cool Off.

To activate Lock Mode, press and hold LOCK for 3 seconds. After the countdown, all other displays will turn off and become unavailable except Cool On, Cool Off and Lock.



4. Using Presets

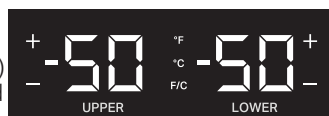


For your convenience, your beverage center also has controls that are preset to recommended storage temperature for specific beverages. Pressing any preset option will set the temperature to the recommended temperature for the specified beverage:

| |
|---------------------------|
| Beverage: 34 °F (1 °C) |
| Party: 37 °F (3 °C) |
| Red wine: 64 °F (17 °C) |
| White wine: 50 °F (10 °C) |
| Sweet wine: 42 °F (5 °C) |
| Champagne: 46 °F (7 °C) |

5. Adjusting the Temperatures

To adjust set point temperatures, press "+" (plus) or "-" (minus) until the desired temperature setting is reached. The control is set correctly when the beverages are as cold as you like it.

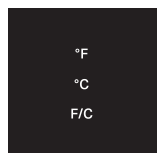


NOTES:

- The set point for the beverage center is 37 °F (3 °C) for the upper compartment and 50 °F (10 °C) for the lower compartment. The set point range for the upper compartment is 33 °F to 40 °F (0 °C to 4 °C) and 42 °F to 64 °F (5 °C to 17 °C) for the lower compartment.
- Wait at least 24 hours between adjustments for the product to acclimate. Recheck the temperatures before making further adjustments.

6. Viewing Celsius/Fahrenheit Temperatures

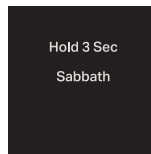
Press the F/C touch pad to toggle between displaying the temperature in degrees Fahrenheit and degrees Celsius. The corresponding indicator will illuminate.



7. Sabbath Mode

Allows the door of the beverage center to be opened or closed during the Sabbath or other religious holidays without directly turning on or off any lights, digital

readouts, solenoids, fans, valves, icons, tones, alarms or the compressor. By selecting this feature, the temperature set points remain unchanged, but the control panel lights, interior lights, and control audio turn off. For most efficient beverage center operation, it is recommended to exit the Sabbath Mode when it is no longer required.



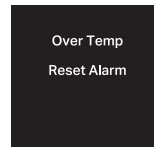
- Press and hold SABBATH for 3 seconds to turn on the feature. After the 3 second countdown, the feature will activate and all other displays will turn Off.
- Press and hold SABBATH for 3 seconds to turn off the feature and turn on the display.

8. Over Temperature Alarm

The Over Temperature feature is designed to let you know when the beverage center temperature rises above 70 °F (21 °C) for 4 hours or longer. The audio alarm will shut off automatically when the temperature returns to normal. To let you know an Over Temperature condition occurred, the indicator light will continue to flash until the Reset Alarm touch pad is pressed.

If the over temperature condition is still present when an Over Temp reset is performed, the indicator light will continue to reactivate every 4 hours until the beverage center temperature is below 70 °F (21 °C).

NOTE: These features will not appear on your control unless your beverage center is over temperature and the alarm requires a reset.



9. Max Cool

Plummets internal temperatures to their lowest point for 24 hours.

- Press "+" and "F/C" at the same time to turn on the feature. The feature will activate.
- Press "+" and "F/C" at the same time to turn off the feature. The feature will deactivate.

If it is not turned off as indicated, after 24 hrs it will be deactivated by itself.

10. Door Open Alarm

Helps avoid food and beverage spoilage by giving an audio and visual alert if the door is left open for 5 minutes.

If the door is open longer than 5 minutes, an alarm will sound every 2 minutes until the door is closed or any control is pressed.

11. Showroom Mode

This mode is used only when the beverage center is on display in a retail store. To activate Showroom Mode, press and hold both Cool On and Sabbath for 3 seconds. If you unintentionally turn on Showroom Mode, Cool Off will light up on the display, and the controls will appear to work. Exit Showroom Mode by pressing and holding COOL ON and SABBATH at the same time for 3 seconds.

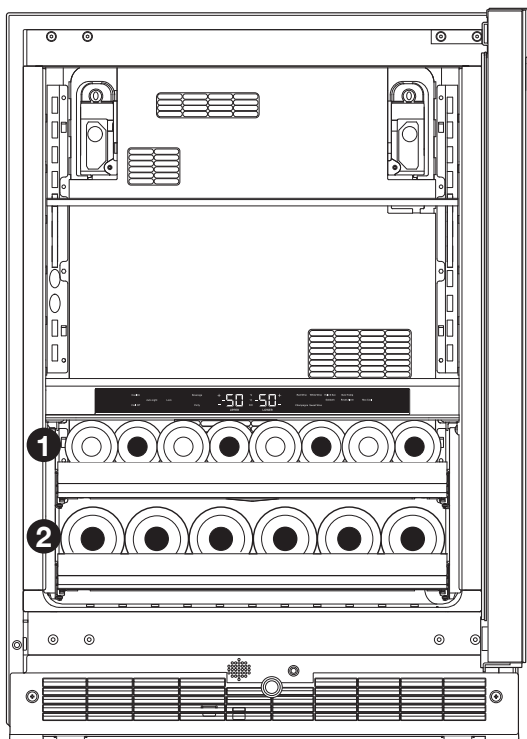
Normal Sounds

Your new beverage center may make sounds that your old one didn't make. Because the sounds are new to you, you might be concerned about them. Most of the new sounds are normal. Hard surfaces, such as the flooring and surrounding

structures, can make the sounds seem louder. The following describes the kinds of sounds and what may be making them.

- Your beverage center is designed to run more efficiently to keep your beverages at the desired temperatures and to minimize energy usage. The high efficiency compressor and fans may cause your beverage center to run longer than your old one. You may also hear a pulsating or high-pitched sound from the compressor or fans adjusting to optimize performance.
- Rattling noises may come from the flow of refrigerant or items stored inside the beverage center.
- As each cycle ends, you may hear a gurgling sound due to the refrigerant flowing in your beverage center.
- You may hear water running into the drain pan when the beverage center is defrosting.
- You may hear clicking sounds when the beverage center starts or stops running.

Stocking the Beverage Center



Rack 1: For storing up to eight 750 ml wine bottles [diameter less than or equal to 3¹/₈" (80 mm)].

Rack 2: For storing up to 6 wine bottles [diameter up to 3¹/₈" (80 mm)].

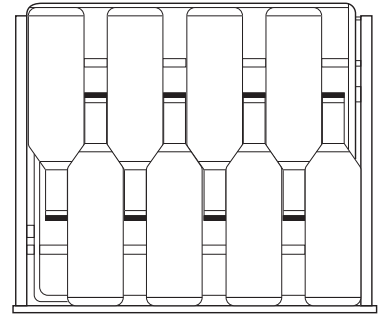
To stock the Beverage Center Shelves:

Place juices, sodas or other canned beverages on the glass shelves.

To stock the Beverage Center - Rack 1:

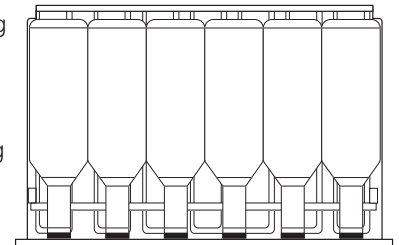
NOTE: The wine rack can be stocked with the bottles facing either direction, however, to optimize storage adjacent bottles should be facing in opposite.

1. Starting on the left-hand side, place the first bottle on the bottom of the rack with the neck of the bottle facing the front of the beverage center.
2. Place the next bottle on its side with the neck of the bottle facing the back of the beverage center. Alternate the direction of the bottles, in this manner, until the display rack is full.



To stock the Beverage Center - Rack 2:

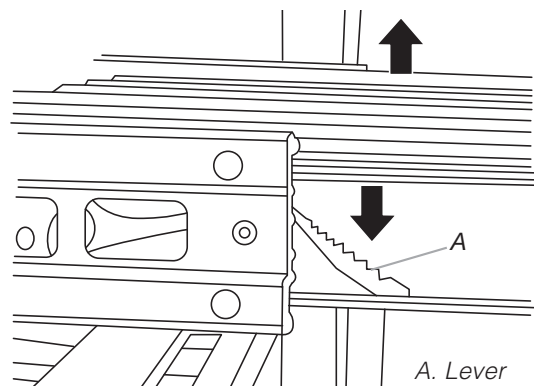
1. Starting from left-hand side of the bottom rack, place the first bottle with the neck of the bottle facing the front of the beverage center.
2. Continue to place the remaining bottles facing in the same direction.



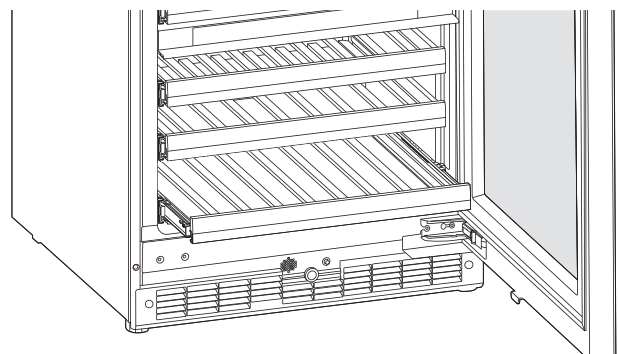
Wine Racks

Remove and replace the racks:

1. Pull the rack forward until it stops.
2. Press down on the left-hand lever while lifting up on the right-hand lever to release the rack. Pull the rack forward and lift it up and out of the rack supports.



3. Replace the rack by inserting the rack into the supports and sliding it in until it locks.



Beverage Center Shelves

Remove and replace the shelves:

1. Remove the shelf by lifting up the front and pulling it out of the shelf slots.
2. Replace the shelf by inserting it into the shelf slots and pushing it toward the back of the compartment.

Important information to know about glass shelves and covers:

Do not clean glass shelves or covers with warm water when they are cold. Shelves and covers may break if exposed to sudden temperature changes or impact, such as bumping. Tempered glass is designed to shatter into many small, pebble-size pieces. This is normal. Glass shelves and covers are heavy. Use both hands when removing them to avoid dropping.

CARE AND CLEANING

Cleaning

⚠ WARNING



Explosion Hazard

Risk of fire or explosion.

Flammable refrigerant used.

Do not use mechanical devices to defrost refrigerator.

Do not puncture refrigerant tubing.

Clean the beverage center once a month to avoid buildup of odors. Wipe up spills immediately.

To clean your Beverage Center:

1. Unplug beverage center or disconnect power.
2. Empty and remove all shelves and racks from inside the beverage center.
3. Hand wash, rinse, and dry removable parts and interior surfaces thoroughly. Use a clean sponge or soft cloth and a mild detergent in warm water.
 - To avoid damaging wooden tines and trim pieces, wipe them off with a clean sponge or soft cloth and warm water. Do not use detergent or immerse the entire rack into water when cleaning.
 - Do not use abrasive or harsh cleaners such as window sprays, scouring cleansers, flammable fluids, cleaning waxes, concentrated detergents, bleaches or cleansers containing petroleum products on plastic parts, interior and door liners or gaskets. Do not use paper towels, scouring pads, or other harsh cleaning tools. These can scratch or damage materials.

- To help remove odors, you can wash interior walls with a mixture of warm water and baking soda [2 tbs to 1 qt (26 g to 0.95 L) of water].
4. Wash stainless steel and painted metal exteriors with a clean sponge or soft cloth and a mild detergent in warm water. Do not use abrasive or harsh cleaners, or cleaners containing chlorine. These can scratch or damage materials. Dry immediately with a soft, dry cloth to absorb any remaining water.

NOTE: To keep your stainless steel beverage center looking like new and to remove minor scuffs or marks, it is recommended that you use the manufacturer's approved Stainless Steel Cleaner and Polish. To order the cleaner, refer "Accessories" section.

IMPORTANT:

- This cleaner is for stainless steel parts only!
- Do not allow the Stainless Steel Cleaner and Polish to come into contact with any plastic parts such as the trim pieces, dispenser covers or door gaskets. If unintentional contact does occur, clean plastic part with a sponge and mild detergent in warm water. Dry immediately with a soft, dry cloth to absorb any remaining water.

5. Replace the racks.

Condenser cleaning

⚠ WARNING



Explosion Hazard

Risk of fire or explosion due to puncture of refrigerant tubing.

Follow handling instructions carefully.

Flammable refrigerant used.

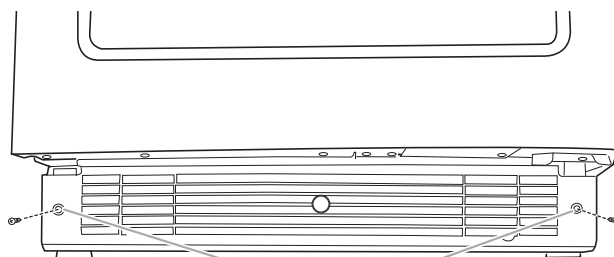
1. Remove the base grille to access condenser for cleaning. Refer "Removing Base Grille" section.
2. Clean the condenser coils regularly. They are located behind the base grille. Coils may need to be cleaned as often as every other month. This may help save energy.

Removing Base Grille

You must remove the base grille to access the condenser coils for cleaning.

To remove the base grille:

1. Open the beverage center door.



A. Screws

A

2. Using a Phillips screwdriver, remove the two screws.
3. Remove the base grille.

To replace the base grille:

1. Open the beverage center door.
2. Position the base grille so that both tabs align and the base grille snaps into place. Replace two screws. Tighten the screws.

Vacation Care

If you choose to turn the beverage center off before you leave, follow these steps.

1. Remove all beverage contents from the beverage center.
2. Unplug the beverage center.
3. Clean the beverage center. Refer "Cleaning" section.
4. Tape a rubber or wood block to the top of the door to prop it open far enough for air to get in. This stops odor and mold from building up.

Moving Care


When you are moving your beverage center to a new home, follow these steps to prepare it for the move.


1. Remove all beverage contents from the beverage center.
2. Unplug the beverage center.
3. Clean, wipe, and dry it thoroughly.
4. Take out all removable parts, wrap them well, and tape them together so they don't shift and rattle during the move.
5. Tape the doors shut and tape the power cord to the beverage center.

When you get to your new home, put everything back and refer to the "Installation Instructions" received with the beverage center.

TROUBLESHOOTING

Try the solutions suggested here first in order to avoid the cost of an unnecessary service call.

 **WARNING**



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.
Do not remove ground prong.
Do not use an adapter.
Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

GENERAL OPERATION

Possible Causes and/or Recommended Solutions

Beverage center will not operate

- **Power supply cord unplugged?** Plug into a grounded 3 prong outlet.
- **Is outlet working?** Plug in a lamp to see if the outlet is working.
- **Household fuse blown, or a circuit breaker tripped?** Replace the fuse or reset the circuit. If the problem continues, call an electrician.
- **Are controls on?** Be sure that the beverage center controls are on. Refer "Controls" section.

The motor seems to run too much

- **Is the temperature outside hotter than normal?** Expect the motor to run longer under warm conditions. At normal temperatures, expect your motor to run about 40 % to 80 % of the time. Under warmer conditions, expect it to run even more of the time.
- **Is the door opened often?** Expect the motor to run longer when this occurs. In order to conserve energy, try to get everything you need out of the Beverage Center at once, keep food organized so it is easy to find, and close the door as soon as the food is removed.

INSTALLATION INSTRUCTIONS FOR CUSTOM PANEL UNDERCOUNTER DISHWASHER STAINLESS STEEL TUB

IMPORTANT: Before installing your dishwasher, please use this instruction sheet as a supplement to the installation instructions.

Custom Panel Models Only

Gather these additional tools and parts before starting attachment of the custom panel. Read and follow the instructions provided in this instruction sheet.

Additional Tools Needed:

- 3/32" drill bit
- Torx[†] T15 screwdriver

Additional Parts Supplied with Custom Panel Models:

- 4 – Plastic studs (attached to each other by runners)
- 4 – Short screws (10-16 hex-head screw)
- 4 – Long screws (8-18 Torx head screws)
- 1 – Template (located inside Use and Care Guide bag assembly)
- 1 – Instruction sheet (located inside Use and Care Guide bag assembly)

NOTE: The screws supplied are used for only 3/4" (19 mm) thick wooden panel. If the wooden panel is less than 3/4" (19 mm) thick, customer must purchase screws locally.

Make sure all these parts are included in the literature package.

If parts are not included, call **1-800-422-1230**.

In Canada, call **1-800-807-6777**.

Follow Steps Below:

A customer supplied door panel and handle (together) must weigh no more than 16 lbs (7.3 kg) and must be made to specific dimensions. It is recommended that a cabinetmaker cut the customer panel because of the precise dimensions needed.

NOTES:

- The handle for the custom panel is not included.
- All mounting hardware supplied is for a 3/4" (19 mm) thick wood panel. If a thinner wood panel or materials other than wood are used, it is the customer's responsibility to obtain the proper length screws and adjust the pilot holes accordingly.

! WARNING

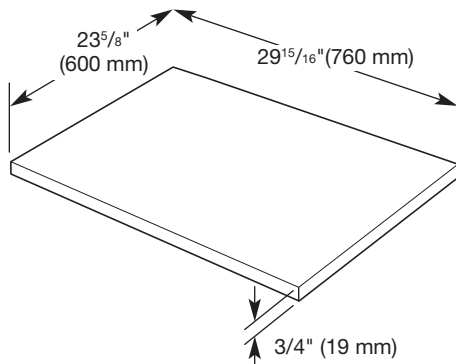
Excessive Weight Hazard

Use two or more people to move and install dishwasher.

Failure to do so can result in back or other injury.

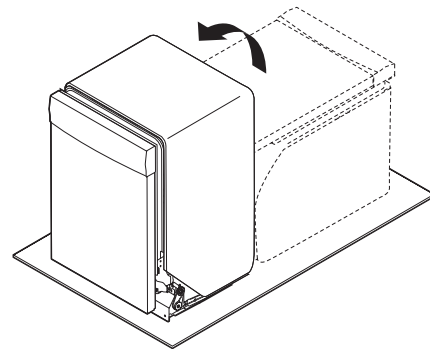
Install Custom Panel

Custom panel dimensions



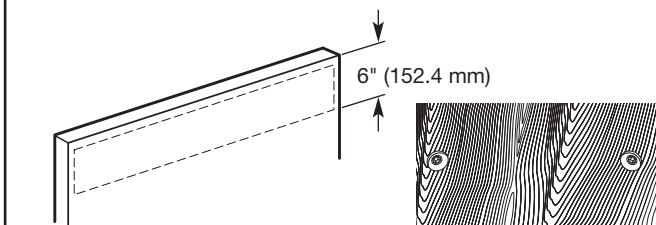
NOTE: Make sure that the custom panel is as per the recommended dimensions. Deviation from the dimensions may result in blockage of the vent duct outlet.

Stand dishwasher upright



Using 2 or more people, stand the dishwasher up.

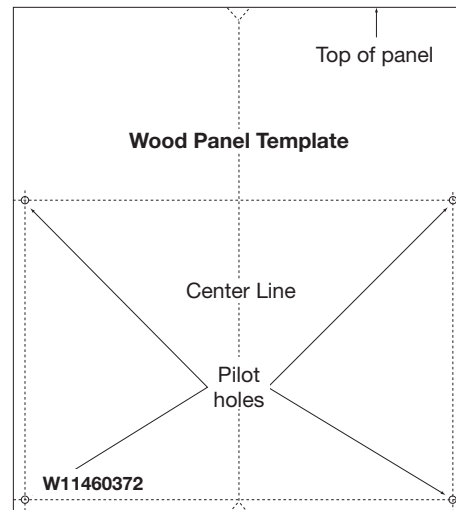
1. Attach handle



Install the custom hardware handle(s) on the front of the wooden panel inside dotted line.

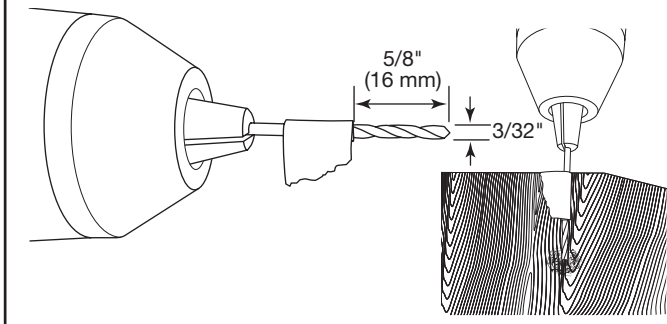
IMPORTANT: If the handle is attached from the back of the custom panel, the screw holes should be countersunk for the screw heads to be flush with the panel. If the handle is attached to the front of the custom panel, the screw lengths cannot exceed the panel thickness.

2. Panel template



Using the template provided, attach it to the backside of the custom panel with tape. Make sure that the center of the template is aligned with the center of the wooden panel and top of the template is aligned to the top face of the wooden panel.

3. Predrill custom panel holes

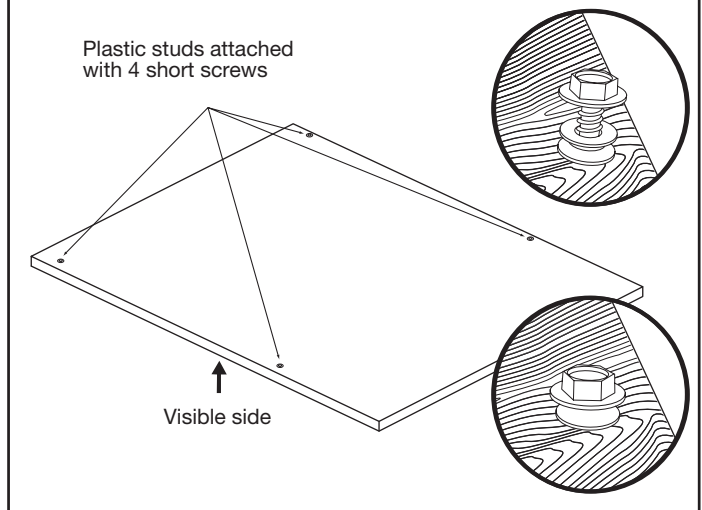


NOTE: Do not drill deeper than 5/8" (16 mm) to keep from drilling through panel. Pilot hole depths given are for 3/4" (19 mm) thick panel.

Mark 4 pilot holes on the wooden panel using the template provided. Pre-drill 4 pilot holes using a 3/32" drill bit. Use tape to mark the drill bit to gauge hole depth. Drill pilot holes approximately 5/8" (16 mm) into the custom panel.

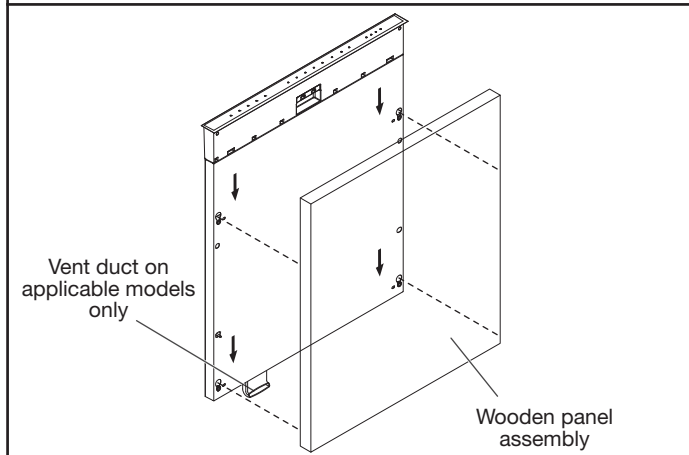
NOTE: If re-using a custom panel from a previous dishwasher, first check to make sure the overall size of the panel will work for the new application. Remove the panel from the previous product. Lay the drilling template on the new holes and ensure the holes are in the correct location. Drill the holes per the template as needed.

4. Attach plastic studs



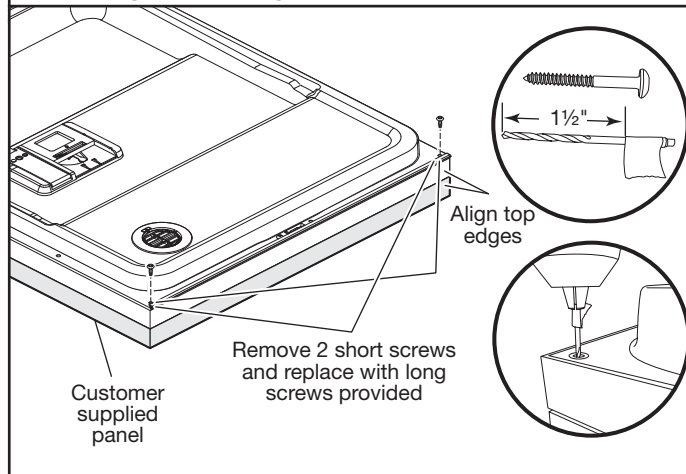
Attach the 4 plastic studs to the wooden panel using the four 5/16" hex-head (short) screws provided.

5. Attach custom panel



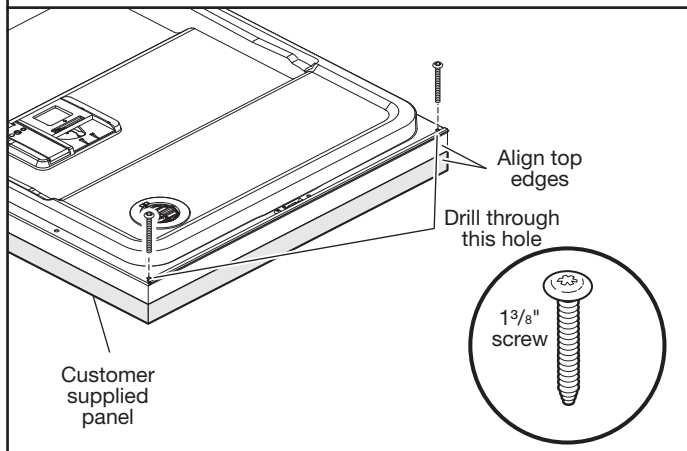
Align the studs on the custom wood panel to the keyhole slots on the door assembly. Ensure that all 4 plastic studs are engaged in the keyhole slots. Slide wood panel down until the top surface of the wooden panel is flush with the top of the door.

6. Align top edges of panel to door



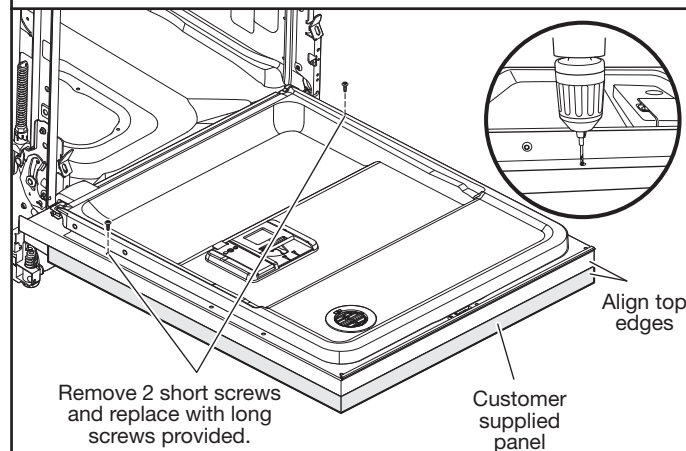
Open the door and align top edges. Use tape to mark a 3/32" drill bit to gauge the hole depth of approximately 1 1/2" (38 mm). Drill pilot holes into the top corners of the door, using hole in liner as a guide.

7. Install custom panel



Using a Torx T15 screwdriver, install two #8 x 1 3/8" (long) screws in top corners to secure custom wood panel in place.

8. Remove the short screws

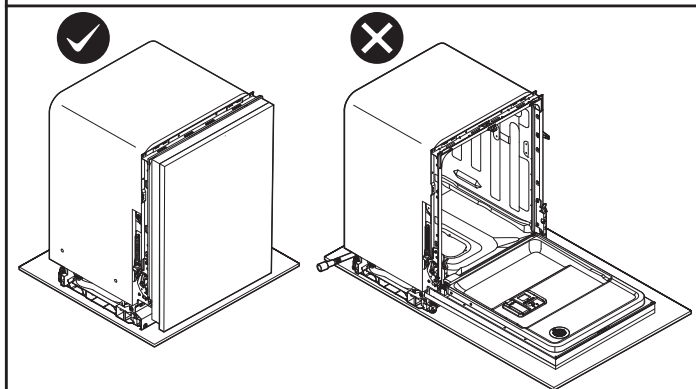


Remove the short screws (4th from top) on either side of the inner door panel. Use tape to mark a 3/32" drill bit to gauge the hole depth of approximately 1 1/2" (38 mm). Drill 2 pilot holes using the door liner hole as a guide into the panel. Install the 2 remaining long screws.

Hinge Spring Adjustment Instruction

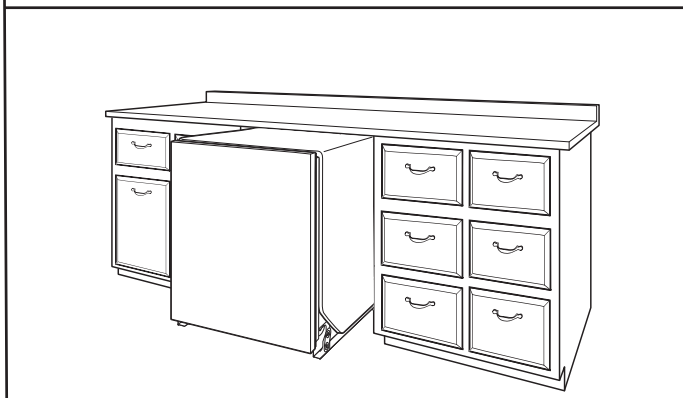
If door tension is insufficient to support the weight of the door, adjustment of the hinge spring tension may be needed.

1. Close dishwasher door



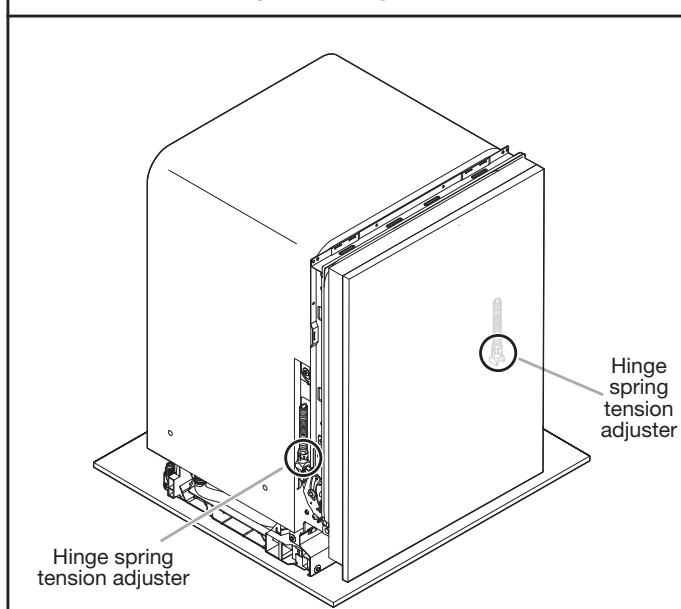
Make sure that the dishwasher door is closed at all times while hinge spring tension is being adjusted. Adjusting the hinge spring tension while the door is partially or fully open can cause damage to the hinge.

2. Remove dishwasher from the cabinet



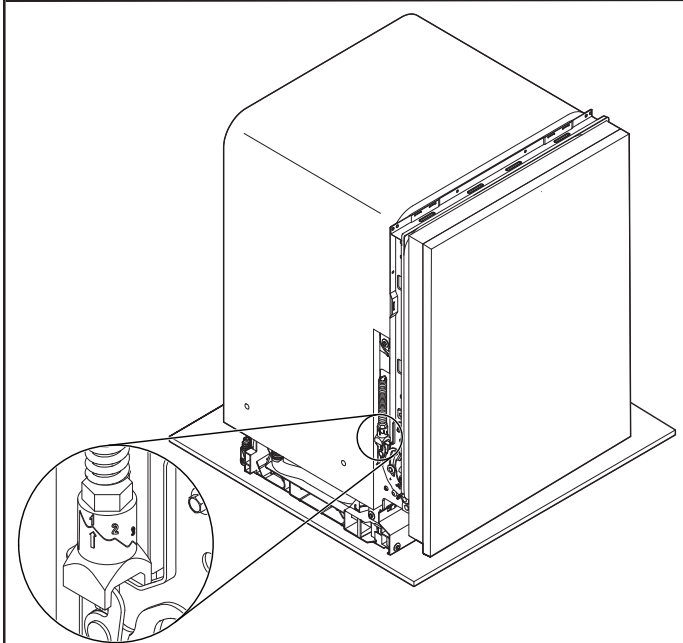
The dishwasher should be partially or fully removed from under the cabinet to grant access to the hinge spring tension adjustment mechanism.

3. Access hinge spring adjuster



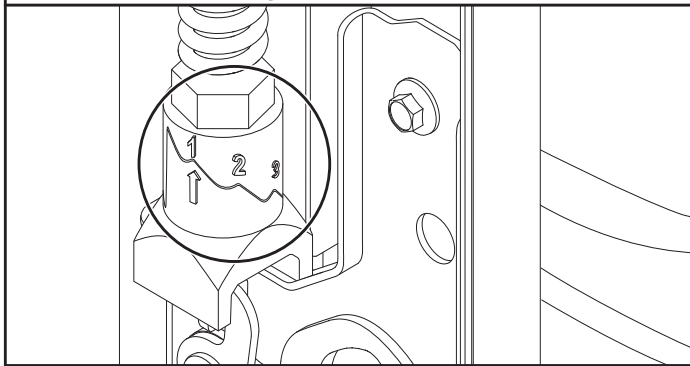
With the dishwasher partially or fully removed from the cabinet, the hinge spring tension adjusters can be accessed at the front sides of the dishwasher.

4. Spring adjustment setting



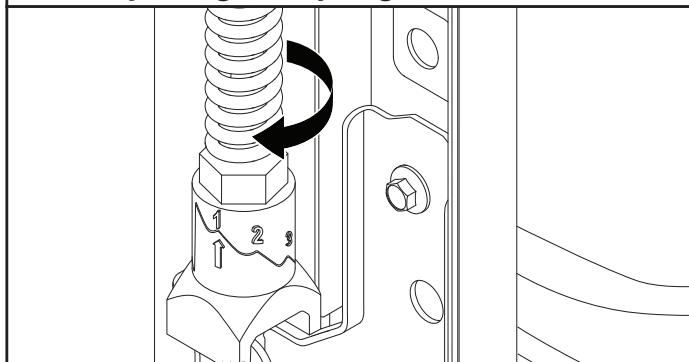
Each of the two hinges (right side and left side) have 3 different spring tension adjustments. All dishwasher models leave the factory with the hinges set in the lowest spring tension setting. This setting is suitable for lighter door panels. Heavier door panels will require adjustment of the hinge spring tension to prevent the door from falling open when its unlatched.

5. Three spring adjustment



Each hinge has 3 different spring tension levels that it can be set to. The current tension level is indicated by an arrow. 1 is the lowest spring tension for light doors and 3 is the highest for heavier doors. 2 is the middle tension for door panel weights that fall between heavy and light.

6. Adjusting the spring tension



Rotate the adjuster nut using a 3/4" open end wrench or adjustable wrench one or two steps in the clockwise direction when viewed from above to increase spring tension.

7. Place the dishwasher back under the cabinet to prevent it from tipping while the door is opened and closed to check for proper spring tension. If the door is too stiff, back the hinges off one step to reduce spring tension by rotating the nut counterclockwise. If the door falls open on its own, increase the spring tension by rotating the nut one step clockwise.

8. Once the desired spring tension has been set the dishwasher can be installed under the counter per the steps shown in the instruction manual.

KitchenAid®

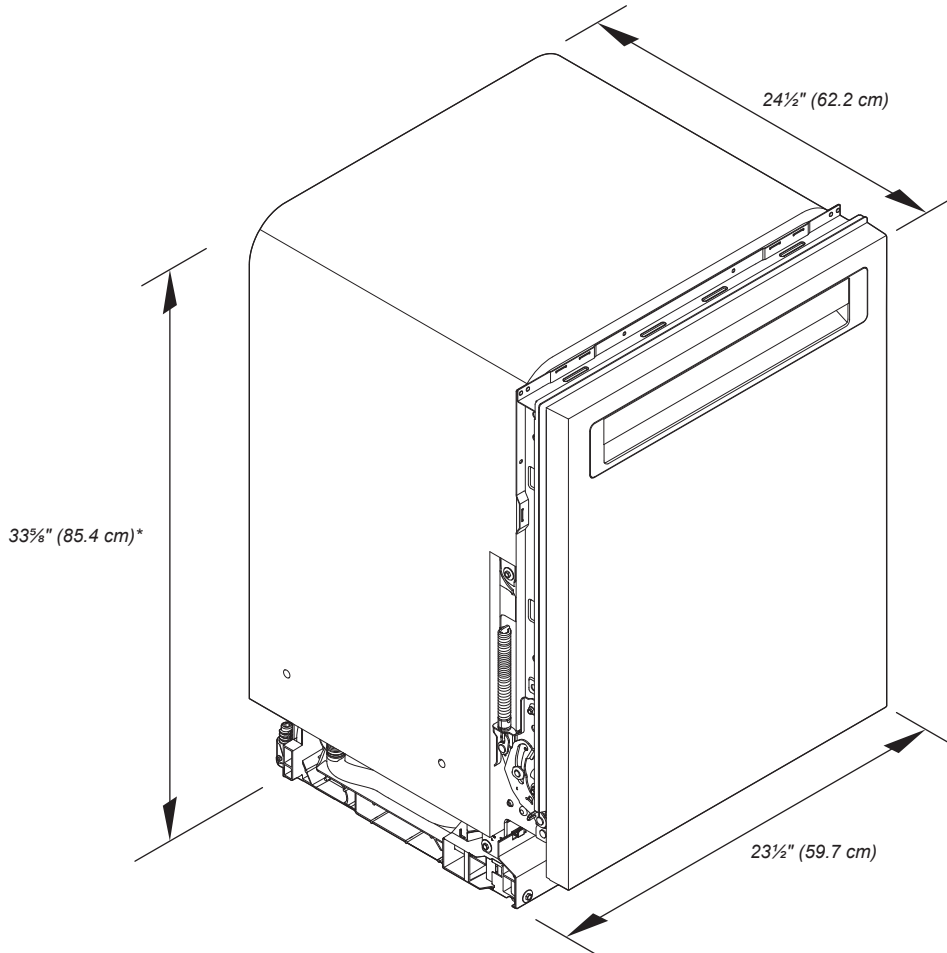
24" Dishwasher

DETAILED PLANNING DIMENSIONS GUIDE

Applies to all model numbers starting with;

KDFE104K, KDTE104K, KDFE204K, KDTE204K, KDTE304LPA,
KDFM404K, KDTM404K, KDPM604K, KDTM604K, KDPM704K,
KDTM704K, KDTM704LPA, KDPM804K, KDTM804K

PRODUCT DIMENSIONS



*Dishwasher can be raised 1 7/16" (3.7 cm) with feet fully extended.

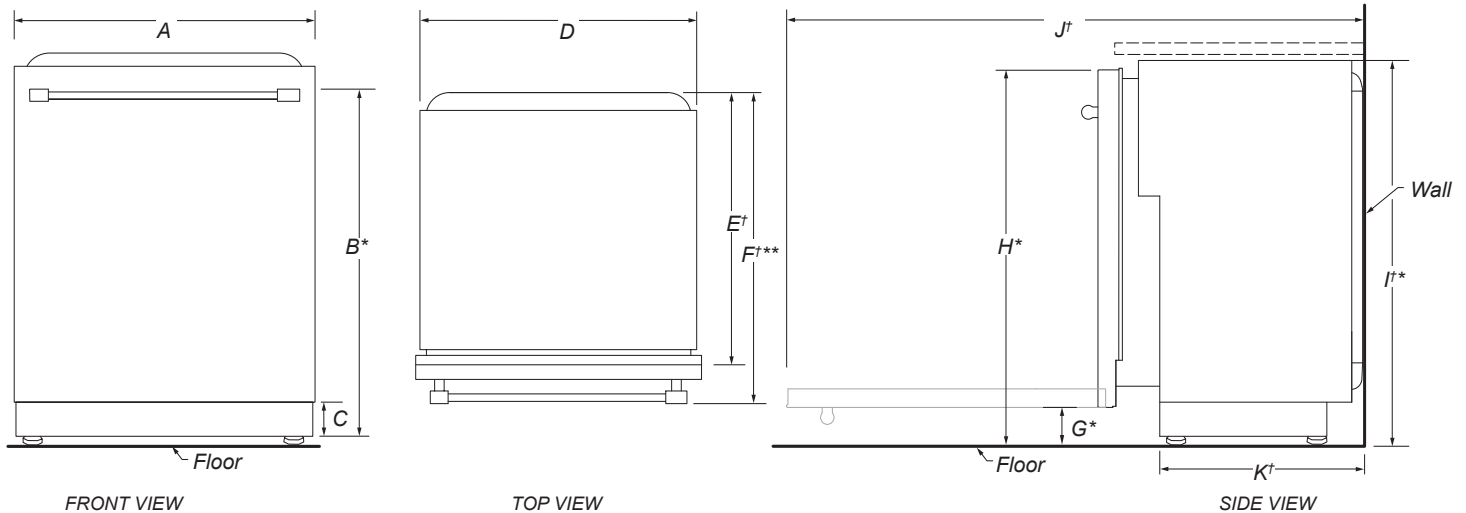
Because Whirlpool Corporation policy includes a continuous commitment to improve our products, we reserve the right to change materials and specifications without notice.

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

KitchenAid® 24" Dishwasher

DETAILED PLANNING DIMENSIONS GUIDE

PRODUCT DIMENSIONS (CONTD.)



| | DESCRIPTION | DIMENSIONS |
|-------------|--------------------------------------|---|
| A | Width of door | 23½" (59.7 cm) |
| B* | Height to top of handle | 30⅓" (78.3 cm) |
| C | Height of adjustable toe kick | 3⅝" (8.4 cm) - min. 4⅛" (11.8 cm) - max. |
| D | Width of recessed dishwasher | 22⅝" (57.4 cm) |
| E† | Depth without door | 22⅝" (57.5 cm) |
| F†** | Depth with Towel Bar Handle | 26⅞" (68.3 cm) |
| | Depth with Pocket Handle | 24½" (62.6 cm) |
| | Depth of Panel-Ready Models | 24" (61.0 cm) |
| G* | Height to bottom of door (min.) | 3⅝" (8.4 cm) |
| H* | Height to top of door (min.) | 33⅞" (84.9 cm) |
| I* | Height of recessed dishwasher (min.) | 33⅝" (85.4 cm) |
| J† | Depth with door fully open (min.) | 50⅜" (127.4 cm) |
| K† | Depth with toe kick (min.) | 20⅓" (52.9 cm) |

†Insulation blanket thickness not included, can be crushed up to 1/8" (0.3 cm), or removed along the top perforate section for additional clearance.

*Dishwasher can be raised 1⅞" (3.7 cm) with feet fully extended.

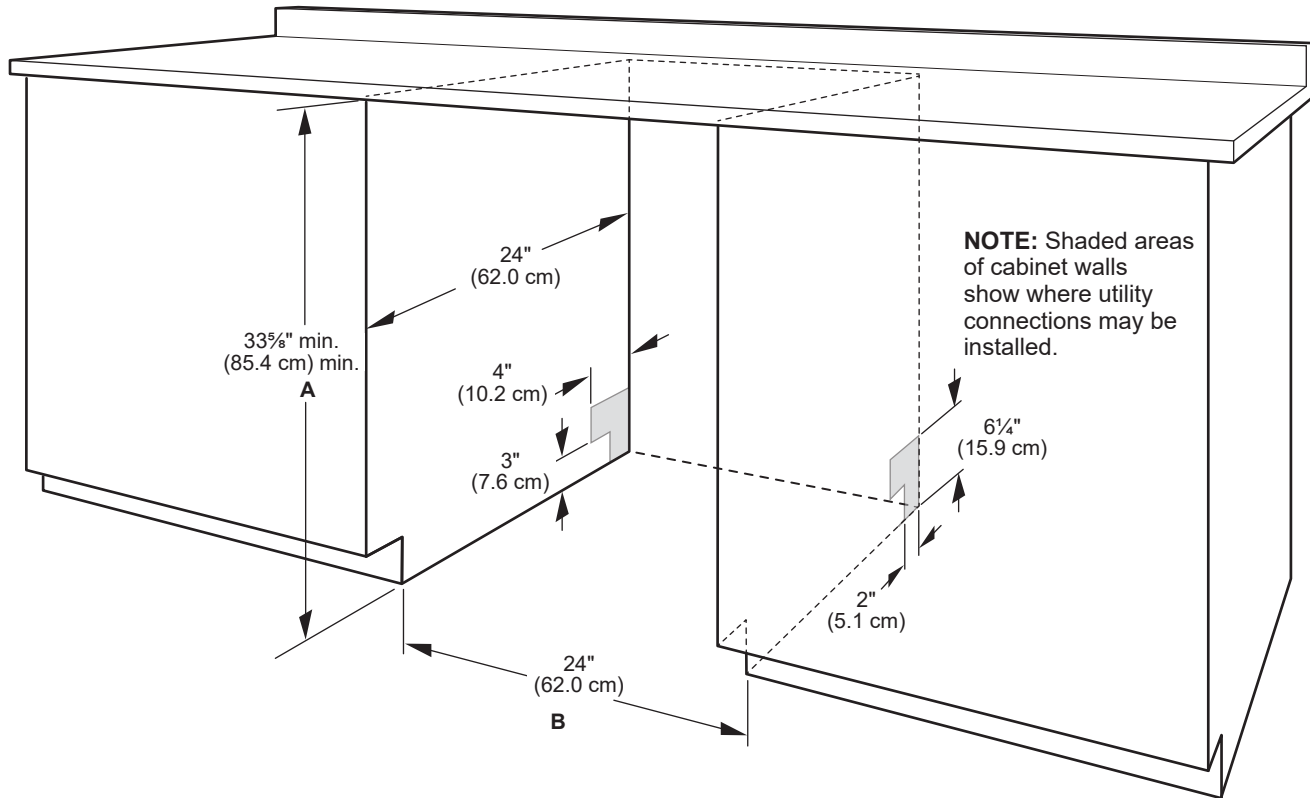
**For panel-ready models, dishwasher depth is 24" (61.0 cm), not including the 3/4" (1.9 cm) custom door panel.

KitchenAid® 24" Dishwasher

DETAILED PLANNING DIMENSIONS GUIDE

OPENING/CLEARANCE DIMENSIONS

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



A. Measured from the lowest point on the underside of the countertop. May be reduced to 33 5/8" min. (85.4 cm) min. by removing the feet and perforated area of insulation (blanket) on dishwasher.

B. Minimum, measured from narrowest point of opening.

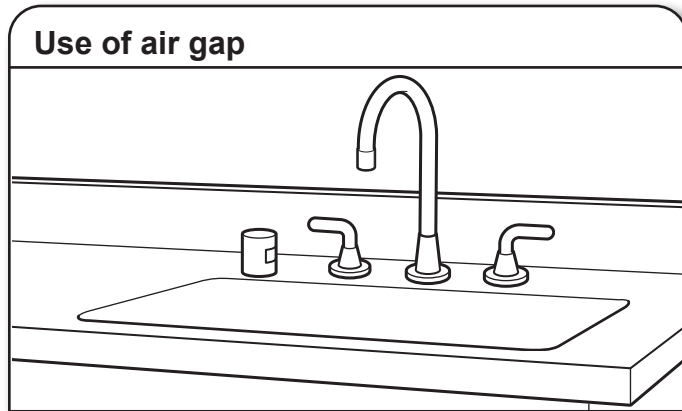
NOTE: Corner locations require a 2" (5.1 cm) minimum clearance between the side of the dishwasher door and the wall or cabinet.

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" (2.5 cm) drain connector of the dishwasher.

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" (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.



- 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" (1.3 cm) 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 psi to 120 psi (138 kPa to 862 kPa) water pressure can be verified by a licensed plumber.
 - 120°F (49°C) water at dishwasher.
 - 3/8" (0.95 cm) O.D. copper tubing with compression fitting or flexible braided water supply line.
- NOTE:** 1/2" (1.3 cm) minimum plastic tubing is not recommended.
- A 90° elbow with 3/4" (0.95 cm) hose connection with rubber washer.
 - Do not solder within 6" (15.2 cm) 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 and drain hose (supplied) with the new dishwasher.

ELECTRICAL REQUIREMENTS

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

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 V, 60 Hz, AC only, 15 A or 20 A, 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.

Circuit Requirements:

- The dishwasher may be installed on the same circuit as a garbage disposal providing that the branch circuit cannot exceed rated circuit load and must comply with all governing codes and regulations such as but not limited to National Electrical Code, ANSI/NFPA 70 - latest edition.
- No electrical connections other than the dishwasher power and ground connections can be made inside of the dishwasher terminal box.

If connecting dishwasher with a power supply cord:

- Use UL Listed power cord kit marked for use with dishwasher.
- 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.

