

FERGUSON

Bath, Kitchen & Lighting Gallery

Specifications for Project

4705 & 4709 GIBSON
HILLCREST BUILDERS INC

Salesperson

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Houston



REMINDER:

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

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

4705 & 4709 GIBSON

HILLCREST BUILDERS INC

INGRID ROA
PO BOX 55568
HOUSTON, TX 77255



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Bid No **B748443**

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Tue, Dec 3, 2024

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enterprise.steelcod.com/sp/ferg/K2O2ZX7B

Note about page numbers:

Because the original manufacturer's documents are not altered in any way, the page numbers displayed on the page may not correspond to the page number within this package.

All specifications are intended for initial planning purposes only.

Manufacturers reserve the right to change specifications at any time without notice. Always consult the installation instructions found on the manufacturer's website or included with the appliances before installation.



4705 & 4709 GIBSON

HILLCREST BUILDERS INC

Kitchen

Model

Jenn-Air Range

JGRP436HL

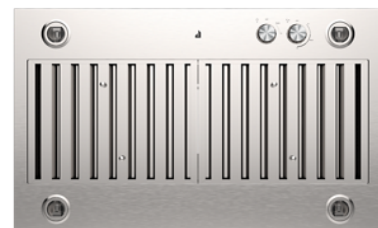
36" RISE™ Gas Professional-Style Range



Jenn-Air Ventilation

JXL6536HSS

Stainless Steel 36" Custom Hood Liner





4705 & 4709 GIBSON

HILLCREST BUILDERS INC

Kitchen

Jenn-Air Dishwasher

JDPSS244PL

RISE™ 24" Built-In Dishwasher, 39 dBA



Jenn-Air Microwave

JMDFS24JL

RISE™ 24" Under Counter Microwave Oven with Drawer Design





4705 & 4709 GIBSON

HILLCREST BUILDERS INC

Kitchen

Jenn-Air Refrigeration

JFFCF72DKL

RISE 36" French Door Freestanding Refrigerator



JGRP436HL



36" RISE™ Gas Professional-Style Range

<http://www.jennair.com>



Key Features:

- JennAir® Culinary Center
- Remote Access
- 20,000 BTU Dual-Stacked PowerBurner
- Dual-Fan True Convection
- Halo-Effect Knobs
- Connected Temperature Probe
- Smooth Close Door

Product Dimensions:

Height: 38 3/4

Width: 35 7/8

Depth: 29 13/16

Electrical Requirements:

15. 120V.

Additional Information:

[Owners Manual](#)

[Dimension Guide](#)

[Installation Guide](#)

[Warranty Certificate](#)

Available in:

- Stainless Steel
- Floating Glass Black

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

Manufacturer's Suggested Retail Price (MSRP) and Minimum Advertised Price (MAP) provided for reference purposes only. Dealer alone determines advertised and retail prices.

Created On: Thursday, February 08, 2024 09:38:15

Location Requirements

IMPORTANT: Observe all governing codes and ordinances. Do not obstruct flow of combustion and ventilation air.

- It is the installer's responsibility to comply with installation clearances specified on the model/serial/rating plate. The model/serial/rating plate is located under the console on the right-hand side.
- It is recommended that a 585 CFM (993.9 m³/hr) or larger range hood be installed above the range.
- Follow the range hood or microwave hood combination installation instructions for dimensional clearances above the cooktop surface.
- Recessed installations must provide complete enclosure of the sides and rear of the range.
- All openings in the wall or floor where range is to be installed must be sealed.
- Do not seal the range to the side cabinets.
- Cabinet opening dimensions that are shown must be used. Given dimensions are minimum clearances.
- The anti-tip bracket must be installed. To install the anti-tip bracket shipped with the range, see the "Install Anti-Tip Bracket" section.
- Grounded electrical supply is required. See the "Electrical Requirements" section.
- Proper gas supply connection must be available. See the "Gas Supply Requirements" section.
- Contact a qualified floor covering installer to check that the floor covering can withstand at least 200°F (93°C). Use an insulated pad or 1/4" (6.4 cm) plywood over carpet and under range if installing range over carpeting.

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 local codes.

In Canada, the installation of this cooktop must conform with the current standards CAN/CSA-A240-latest edition or with local codes.

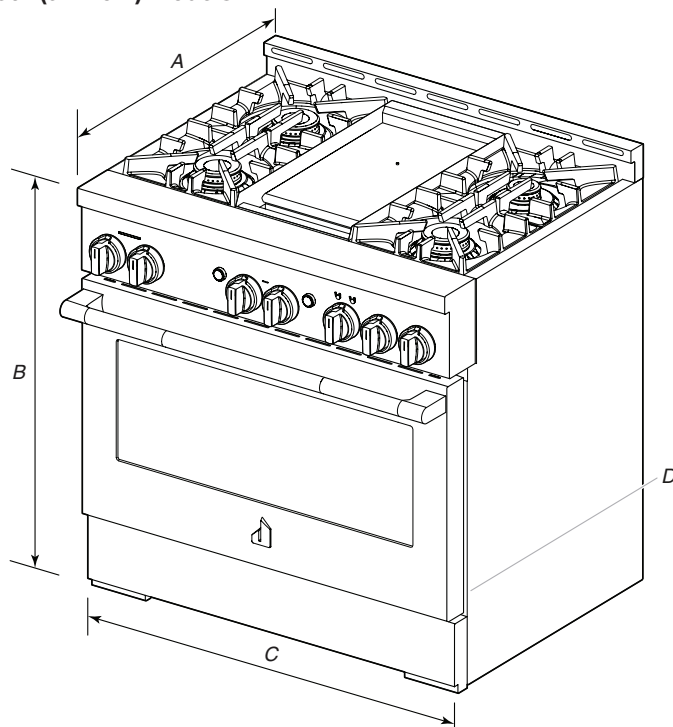
Mobile Home Installations Require:

- 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.
- The installation of appliances designed for recreational park trailers must conform with state or other codes or, in the absence of such codes, with the Standard for Recreational Park Trailers, ANSI A119.5.

Product Dimensions

NOTE: Cooktop features may differ.

36" (91.4 cm) models

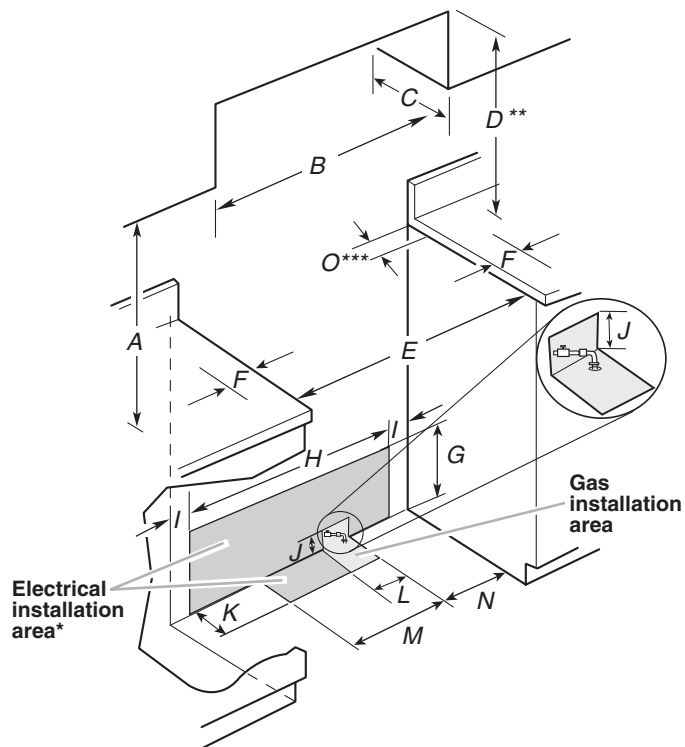


A. 27¹/₈" (68.9 cm) depth with control panel (See NOTE)

B. 35³/₄" (90.8 cm) range height when sitting on the wheels

C. 36" (91.4 cm) width

D. Model/serial/rating plate location/SAID label



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

Cabinet Requirements

Cabinet opening dimensions shown are for 25" (64.0 cm) countertop depth, 24" (61.0 cm) base cabinet depth, and 36" (91.4 cm) countertop height. Dimensions must be met in order to ensure a flush fit to back wall.

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

- A. 18" (45.7 cm) upper cabinet to countertop
- B. 36" (91.4 cm) model: 36" (91.4 cm) minimum upper cabinet width
- C. 13" (33 cm) maximum upper cabinet depth
- D. For minimum clearance to top of range.**
- E. 36" (91.4 cm) on 36" (91.4 cm) models
- F. 12" (30.4 cm) minimum clearance from both sides of range to side wall or other combustible material
- G. 15" (38.1 cm)
- H. 28" (71.1 cm) on 36" (91.4 cm) models
- I. 4" (10.1 cm)
- J. 3" (7.6 cm)
- K. 5" (12.7 cm)
- L. 12" (30.5 cm) on 36" (91.4 cm) models
- M. 10¹/₂" (26.7 cm)
- N. 9" (22.9 cm)
- O. 6" (15.2 cm)***

**If not using ventilation, Minimum Clearances

36" (91.4 cm) models: 42" (106.7 cm) minimum clearance between the top of the cooking platform and the bottom of a combustible surface.

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

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.

IMPORTANT: The range must be electrically grounded in accordance with local codes and ordinances or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 or Canadian Electrical Code, CSA C22.1.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path is adequate.

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

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

CSA International
8501 East Pleasant Valley Road
Cleveland, Ohio 44131-5575

- A 120 V, 60 Hz, AC-only, 15 A, fused electrical circuit is required. A time-delay fuse or circuit breaker is also recommended. It is recommended that a separate circuit serving only this range be provided.
- Electronic ignition systems operate within wide voltage limits, but proper grounding and polarity are necessary. Check that the outlet provides 120 V power and is correctly grounded.
- The wiring diagram is located behind the kick plate in a clear plastic bag.

Gas Supply Requirements

⚠ WARNING



Explosion Hazard

Use a new CSA International approved gas supply line.

Install a shut-off valve.

Securely tighten all gas connections.

If connected to propane, have a qualified person make sure gas pressure does not exceed 14" (36 cm) water column.

Examples of a qualified person include:

licensed heating personnel,
authorized gas company personnel, and
authorized service personnel.

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

Observe all governing codes and ordinances.

IMPORTANT: This installation must conform with all local codes and ordinances. In the absence of local codes, installation must conform with American National Standard, National Fuel Gas Code ANSI Z223.1/NFPA 54 - latest edition or in Canada, the Natural Gas and Propane Installation Code, CSA B149.1 - latest edition.

IMPORTANT: Range must be connected to a regulated gas supply.

IMPORTANT: Leak testing of the range must be conducted according to the manufacturer's instructions.

Type of Gas

Natural Gas:

This range is factory set for use with Natural gas. The model/serial/rating plate, located under the console on the right-hand side, 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.

Propane Gas conversion:

Conversion must be done by a qualified service technician.

No attempt shall be made to convert the range 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 Propane gas, use the Propane gas conversion kit provided with your range and see the "Gas Conversions" section. The parts for this kit are in the package containing literature supplied with the range.

Stainless Steel 36" Custom Hood Liner

<http://www.jennair.com>

Key Features:

- Optional 600 CFM or 1,200 CFM Internal Blower
- Optional 1,200 CFM In-Line Blower
- 10-Inch Round Exterior Venting
- Dishwasher-Safe Stainless Steel Baffle Filters
- Custom Hood Liner
- Lustre Stainless
- Two Lighting Levels
- Three Fan Speed Settings
- Auto Sense Option
- Halogen Task Lighting
- Knob Controls
- Versatile Installation Options

Product Dimensions:

Height: 11 1/2

Width: 35 7/8

Depth: 22

Electrical Requirements:

15.

Additional Information:

[Use And Care Guide](#)

[Installation Guide](#)



Available in:

☒ Stainless Steel

INSTALLATION REQUIREMENTS

Tools and Parts

Gather the required tools and parts before starting installation. Read and follow the instructions provided with any tools listed here.

Tools needed

- Level
- Drill
- 1¼" (3.0 cm) drill bit
- 1/8" (3 mm) drill bit
- Pencil
- Wire stripper or utility knife
- Tape measure or ruler
- Pliers
- Caulking gun and weatherproof caulking compound
- Vent clamps
- Jigsaw or keyhole saw
- Flat-blade screwdriver
- Metal snips
- Phillips screwdriver

Parts needed

- Home power supply cable
- 1½" (1.3 cm) UL listed or CSA approved strain relief
- 3 UL listed wire connectors
- 1 wall or roof cap
- Metal vent system
- Blower motor system - internal or external (see "Blower Motor System" in the "Accessories" section).

Parts supplied

Remove parts from packages. Check that all parts are included.

- 2 metal grease filters
- Hood liner with halogen lamps installed.
- 1 - 10" (25.4 cm) square to 10" (25.4 cm) round duct transition with damper.
- 4 - 5 x 45 mm mounting screws
- 4 - 4.2 x 8 mm screws

Location Requirements

IMPORTANT: Observe all governing codes and ordinances.

Have a qualified technician install the hood liner. It is the installer's responsibility to comply with installation clearances specified on the model/serial rating plate. The model/serial rating plate is located behind the left filter on the rear wall of the hood liner.

The hood liner location should be away from strong draft areas, such as windows, doors and strong heating vents.

Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance.

The hood liner must be surrounded by a custom built enclosure with hood support capable of supporting 75 lb (34 kg).

This hood liner is recommended for use with cooktops with a maximum total rating of 105,000 Btus or less.

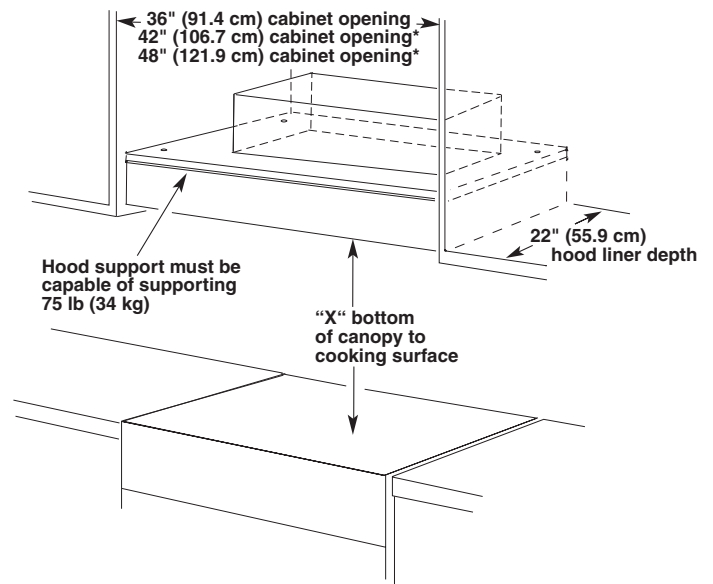
Grounded electrical outlet is required. See "Electrical Requirements" section.

All openings in ceiling and wall where canopy hood will be installed must be sealed.

For Mobile Home Installations

The installation of this range hood must conform to the Manufactured Home Construction Safety Standards, Title 24 CFR, Part 328 (formerly the Federal Standard for Mobile Home Construction and Safety, Title 24, HUD, Part 280) or when such standard is not applicable, the standard for Manufactured Home Installation 1982 (Manufactured Home Sites, Communities and Setups) ANSI A225.1/NFPA 501A, or latest edition, or with local codes.

Cabinet Dimensions



*Spacer kit required

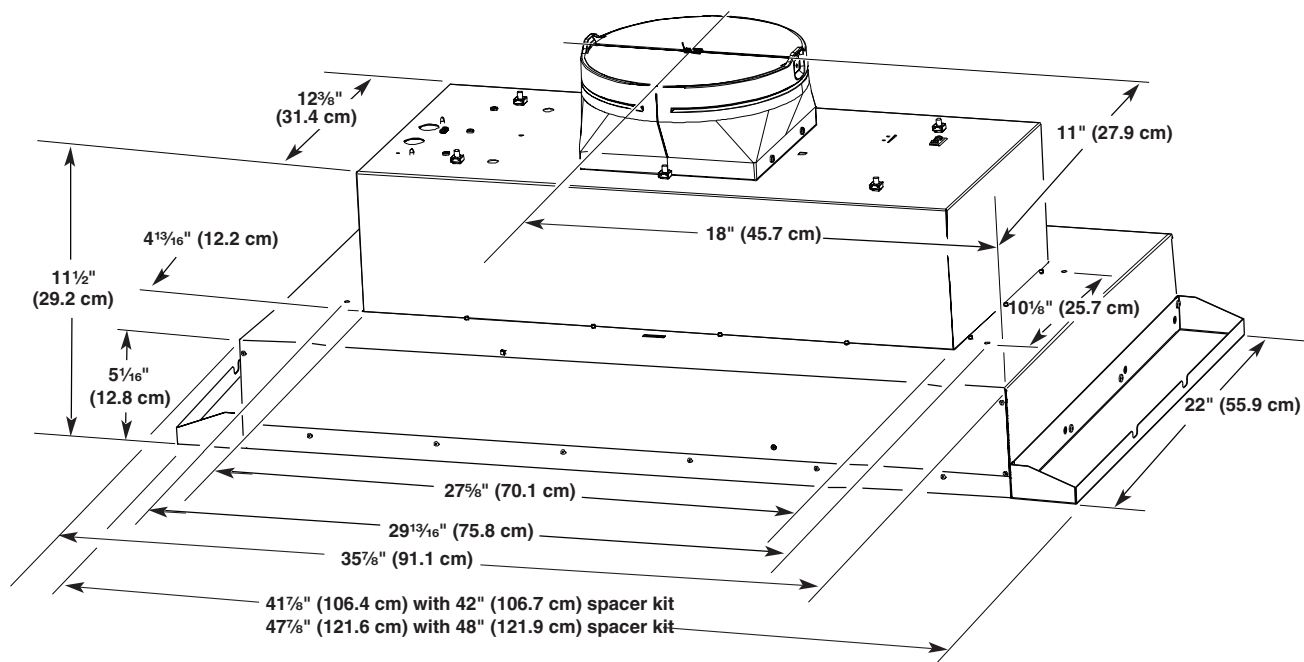
IMPORTANT:

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

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

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

Installation Dimensions



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 4" (10.2 cm) laundry-type wall caps.
- 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.

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 vent clamps to seal all joints in the vent system.
- Use caulking to seal exterior wall or roof opening around the cap.
- The size of the vent should be uniform.

Cold weather installations

An additional back draft damper should be installed to minimize backward cold air flow and a thermal break should be installed to minimize conduction of outside temperatures as part of the vent system. The damper should be on the cold air side of the thermal break.

The break should be as close as possible to where the vent system enters the heated portion of the house.

Makeup air

Local building codes may require the use of makeup air systems when using ventilation systems greater than specified CFM of air movement. The specified CFM varies from locale to locale. Consult your HVAC professional for specific requirements in your area.

Venting Methods

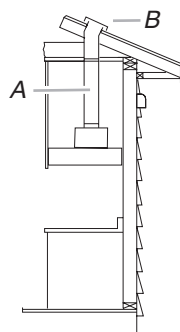
Typical Internal Blower Motor System Venting Installations

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.

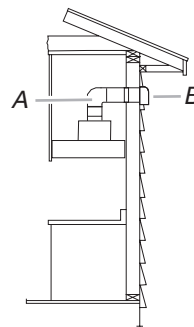
Vent system can terminate either through the roof or wall. To vent through the wall, a 90° elbow is needed.

Roof Venting



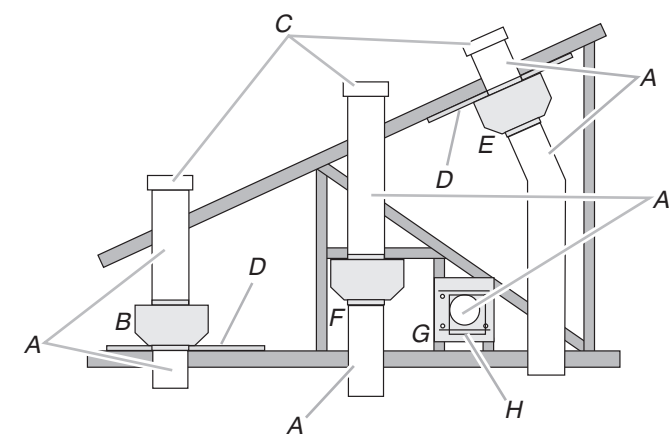
A. 10" (25.4 cm) round vent
B. Roof cap

Wall Venting



A. 10" (25.4 cm) round vent
B. Wall cap

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

Electrical Requirements

Observe all governing codes and ordinances. Ensure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 (latest edition), or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. 0-M91 (latest edition) and all local codes and ordinances. If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

A copy of the above code standards can be obtained from:
National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471
CSA International
8501 East Pleasant Valley Road
Cleveland, OH 44131-5575

- 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.

- Wire sizes and connections must conform with the rating of the appliance as specified on the model/serial rating plate. The model/serial plate is located behind the filter on the rear wall of the range hood.
- Wire sizes must conform to the requirements of the National Electrical Code, ANSI/NFPA 70 (latest edition), or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. 0-M91 (latest edition) and all local codes and ordinances.

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)

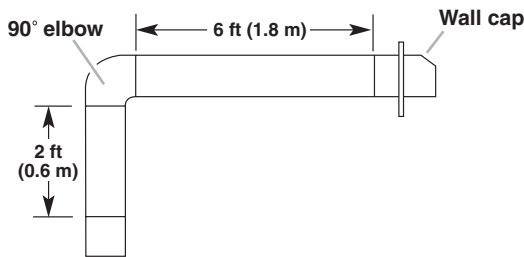


90° elbow	5.0 ft (1.5 m)
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The maximum equivalent vent lengths are:
10" (25.4 cm) round vents - 60 ft (18.3 m)

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)

INSTALLATION INSTRUCTIONS

Prepare Location

- It is recommended that the vent system be installed before the hood is installed.
 - Before making cutouts, make sure there is proper clearance within the ceiling or wall for exhaust vent.
 - Hood liner is to be installed 24" (61.0 cm) minimum for electric cooking surfaces, 30" (76.2 cm) minimum for gas cooking surfaces, to a suggested maximum of 36" (91.4 cm) above the cooking surface.
 - Check that all installation parts have been removed from the shipping carton.
1. Disconnect power.
 2. Determine which venting method to use: roof or wall exhaust.
 3. Select a flat surface for assembling the range hood. Place covering over that surface.

WARNING

Excessive Weight Hazard

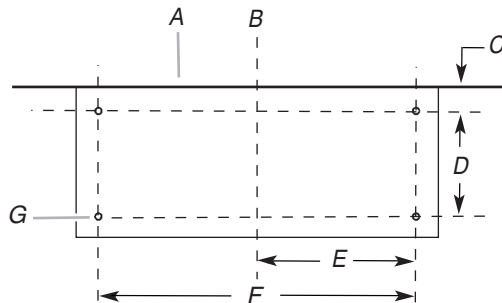
Use two or more people to move and install range hood.

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

4. Using 2 or more people, lift hood liner onto covered surface.
5. Remove the filters. See the "Range Hood Care" section.

Hood Liner Support Preparation

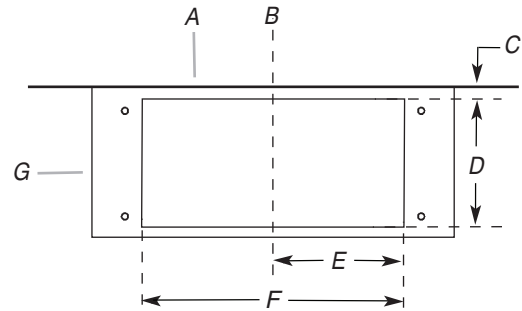
1. Mark the locations for the four 1/8" (3 mm) diameter holes on the hood support as shown.



- | | |
|---|---|
| A. Wall | E. 14 ¹⁵ / ₁₆ " (38.0 cm) |
| B. Centerline | F. 29 ¹³ / ₁₆ " (75.8 cm) |
| C. 6" (15.2 cm) | G. 1/8" (3 mm) hole diameter |
| D. 10 ¹ / ₈ " (25.7 cm) | |

2. Using a 1/8" (3 mm) drill bit, drill the 4 holes.

3. Mark the cutout for the rectangular clearance hole for the upper hood liner housing as shown.



- | | |
|--|------------------|
| A. Wall | D. 13" (33.0 cm) |
| B. Centerline | E. 14" (35.5 cm) |
| C. 4 ¹ / ₂ " (11.4 cm) | F. 28" (71.1 cm) |
| G. Hood support | |

4. Using a jigsaw or keyhole saw, cut out the rectangular clearance hole for the upper hood liner housing.

Complete Preparation

1. Determine and make all necessary cuts in the wall or roof for the vent system. Install the vent system before installing the range hood. See the "Venting Requirements" section.
2. Determine the location where the power supply cable will be run through the wall.
3. Drill a 1 1/4" (3.2 cm) hole at this location.
4. Pull enough power supply cable through the wall to allow for easy connection to the terminal box.
5. Install the 10" (25.4 cm) square x 10" (25.4 cm) round vent transition with damper to top of the range hood liner using four 4.2 x 8 mm screws.
6. Remove terminal box cover and set aside.
7. Remove knockout from the top of the vent hood and install a UL listed or CSA approved 1/2" (1.3 cm) strain relief.
8. Place the range hood near its mounting position and run the power supply cable through the strain relief into terminal box (enough to make connection).
9. Tighten the strain relief screws.

NOTE: Your range hood requires you to purchase either an internal type or an in-line (external type) blower motor system.

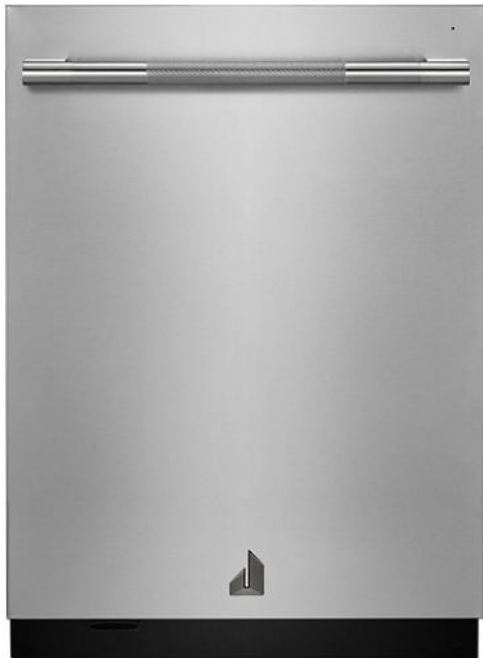
For internal blower systems, there are blower motor mounting parts in the blower motor installation packet that must be added to the range hood prior to mounting the range hood. See the "Install Range Hood Internal Blower Motor" section and the instructions supplied with the blower motor.

JDPSS244PL

RISE™ 24" Built-In Dishwasher, 39 dBA



<http://www.jennair.com>



Key Features:

- Quietest Luxury Dishwasher Brand* *Based on Normal Cycle.
- Precise Fit 3rd Rack for Cutlery
- 11% More Loading Height* *Compared to JennAir® dishwasher models: JDTSS246GM, JDTSS246GL, JDTSS245GX.
- Rapid Wash Cycle
- Daring Obsidian Middle and Bottom Racks
- 1 to 24-Hour Delay Start Option
- 39 dBA Tranquility System
- 14 Place Setting Capacity
- 2 Position Fold-Away™ Tines
- Superior Glide Middle Rack
- 3-Stage Filtration
- Emotive Feedback

Product Dimensions:

Height: 33 1/2

Width: 23 7/8

Depth: 26 3/4

Additional Information:

[Dimension Guide](#)

[Energy Guide](#)

[Warranty Certificate](#)

Available in:

 Stainless Steel

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

Manufacturer's Suggested Retail Price (MSRP) and Minimum Advertised Price (MAP) provided for reference purposes only. Dealer alone determines advertised and retail prices.

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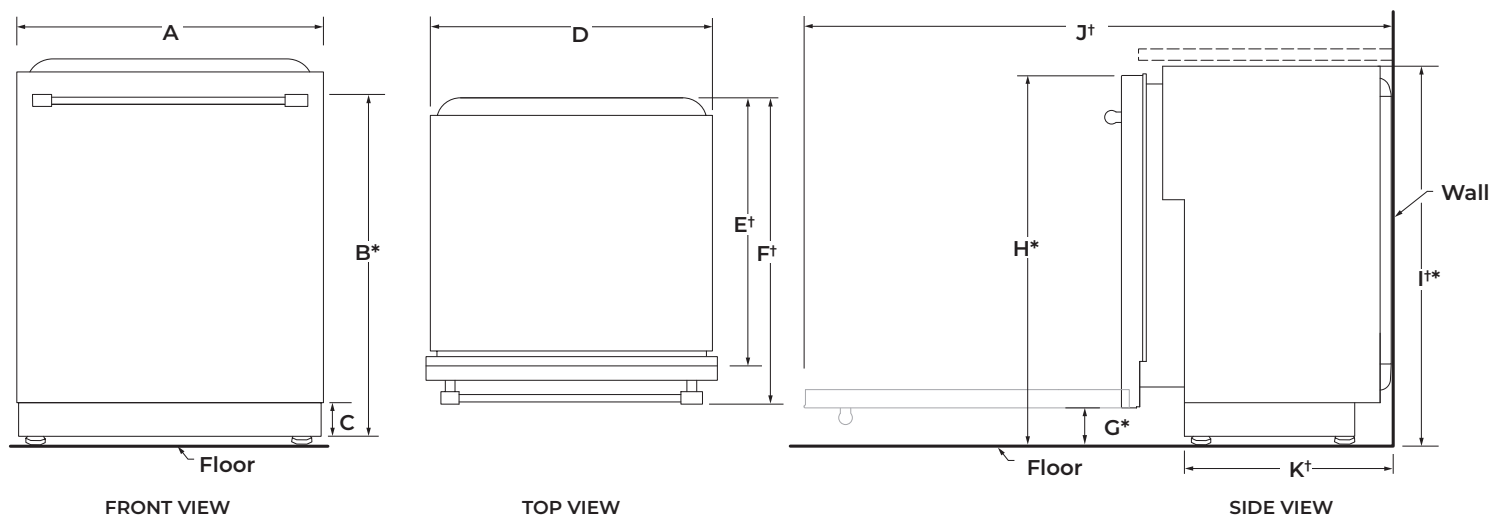
24" DISHWASHER

DETAILED PLANNING DIMENSIONS GUIDE

JDPSS246LL, JDPSS246LM, JDPSSG244LS, JDPSS244LL,
JDPSS244LM, JDPSSG244P**, JDPSS244P**
23⁷/₈" (W) x 33⁵/₈" (H) x 24¹/₂" (Depth without Handle)

JDPSS245LX
23⁷/₈" (W) x 33⁵/₈" (H) x 24³/₄" (Depth without Handle)

PRODUCT DIMENSIONS



	DESCRIPTION	DIMENSIONS
A	Width of door	23 ⁷ / ₈ " (60.6 cm)
B*	Height to top of handle	31 ⁹ / ₁₆ " (80.1 cm)
C	Height of adjustable toe kick	3 ¹ / ₂ " (8.8 cm) - minimum 4 ¹ / ₄ " (10.8 cm) - maximum
D	Width of recessed dishwasher	23 ⁷ / ₈ " (60.6 cm)
E†	Depth without door	22 ⁵ / ₈ " (57.5 cm)
F†	Depth with Towel Bar Handle	27 ¹ / ₄ " (69.2 cm)
	Depth with Pocket Handle	24 ¹ / ₂ " (62.2 cm)
	Depth with Wood panel	24 ³ / ₄ " (62.9 cm)**
G*	Height to bottom of door (minimum)	3 ⁵ / ₁₆ " (8.4 cm)
H*	Height to top of door (minimum)	33 ⁷ / ₁₆ " (84.9 cm)
I*	Height of recessed dishwasher (minimum)	33 ⁵ / ₈ " (85.4 cm)
J†	Depth with door fully open (minimum)	50 ³ / ₁₆ " (127.4 cm)
K†	Depth with toe kick (minimum)	20 ¹³ / ₁₆ " (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 1⁷/₁₆" (3.7 cm) with feet fully extended.

**Considering 3/4" wood panel thickness.

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.

W11453119C



24" DISHWASHER

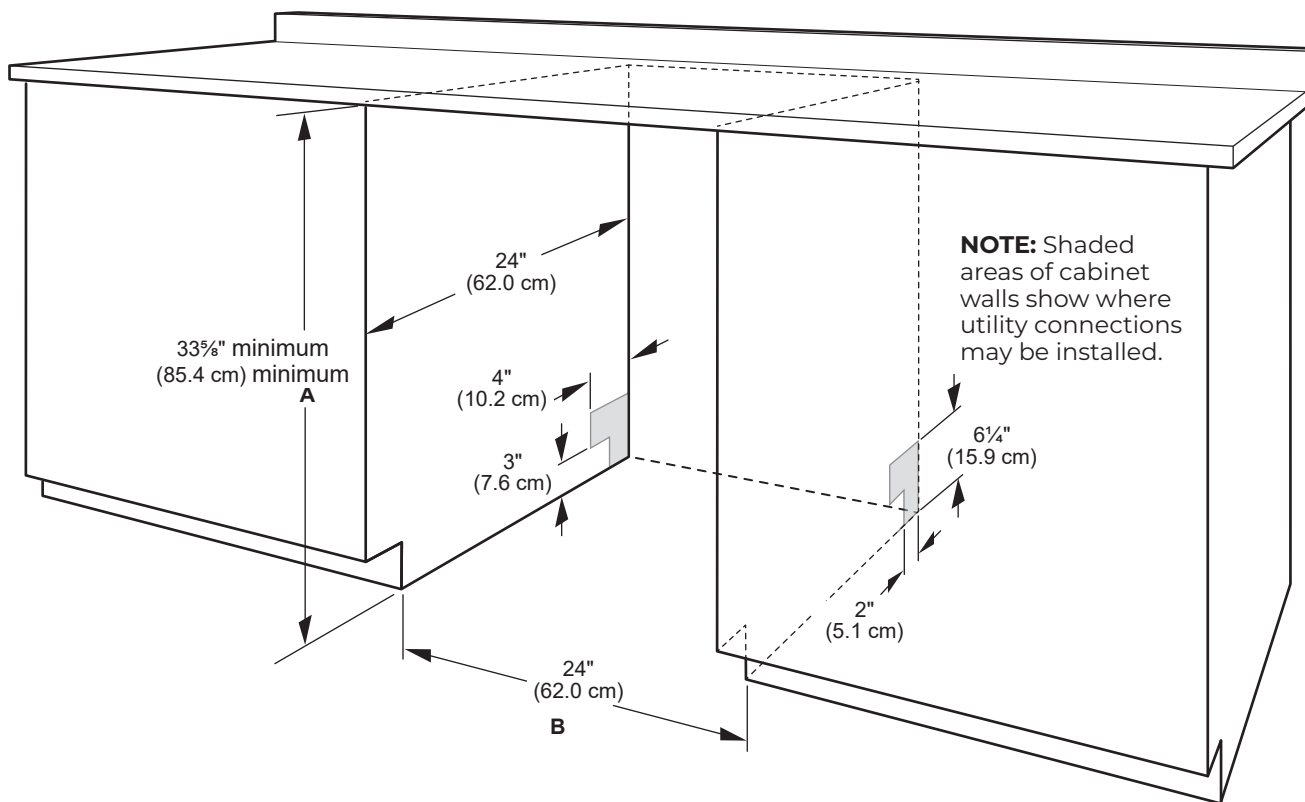
DETAILED PLANNING DIMENSIONS GUIDE

JDPSS246LL, JDPSS246LM, JDPSSG244LS, JDPSS244LL,
JDPSS244LM, JDPSSG244P**, JDPSS244P**
23⁷/₈" (W) x 33⁵/₈" (H) x 24¹/₂" (Depth without Handle)

JDPSS245LX
23⁷/₈" (W) x 33⁵/₈" (H) x 24³/₄" (Depth without Handle)

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 33⁵/₈" minimum (85.4 cm) minimum by removing the feet and perforated area of insulation (blanket) on dishwasher.

B. Minimum, measured from narrowest point of opening.

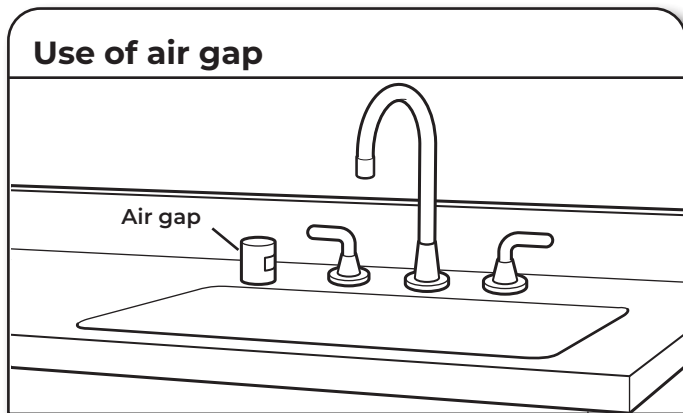
NOTE: Corner locations require a 2" (5.1 cm) minimum clearance between the side of the dishwasher door and the wall or cabinet.

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" (25 mm) 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" (508 mm) minimum above the floor. It is recommended that the drain hose either be looped up and securely fastened to the underside of the counter or be connected to an air gap.
- Make sure to use an air gap if the drain hose is connected to house plumbing lower than 20" (508 mm) above subfloor or floor.



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

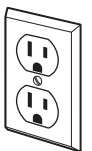
If connecting dishwasher with a power supply cord:

- 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.



JMDFS24JL



RISE™ 24" Under Counter Microwave Oven with Drawer Design

<http://www.jennair.com>



Key Features:

- 1.2 Cubic Foot Capacity
- Stealth Flush Install
- One Touch Access
- Multi-Stage Programming
- Sensor Reheat
- Divergent Drawer Design
- 950-Watt Microwave Element
- Emotive Controls
- Add Minute
- Beverage
- Control Lock
- Defrost

Product Dimensions:

Height: 15

Width: 24

Depth: 23 5/16

Additional Information:

[Owners Manual](#)

[Dimension Guide](#)

[Installation Guide](#)

[Warranty Certificate](#)

Available in:

 Stainless Steel



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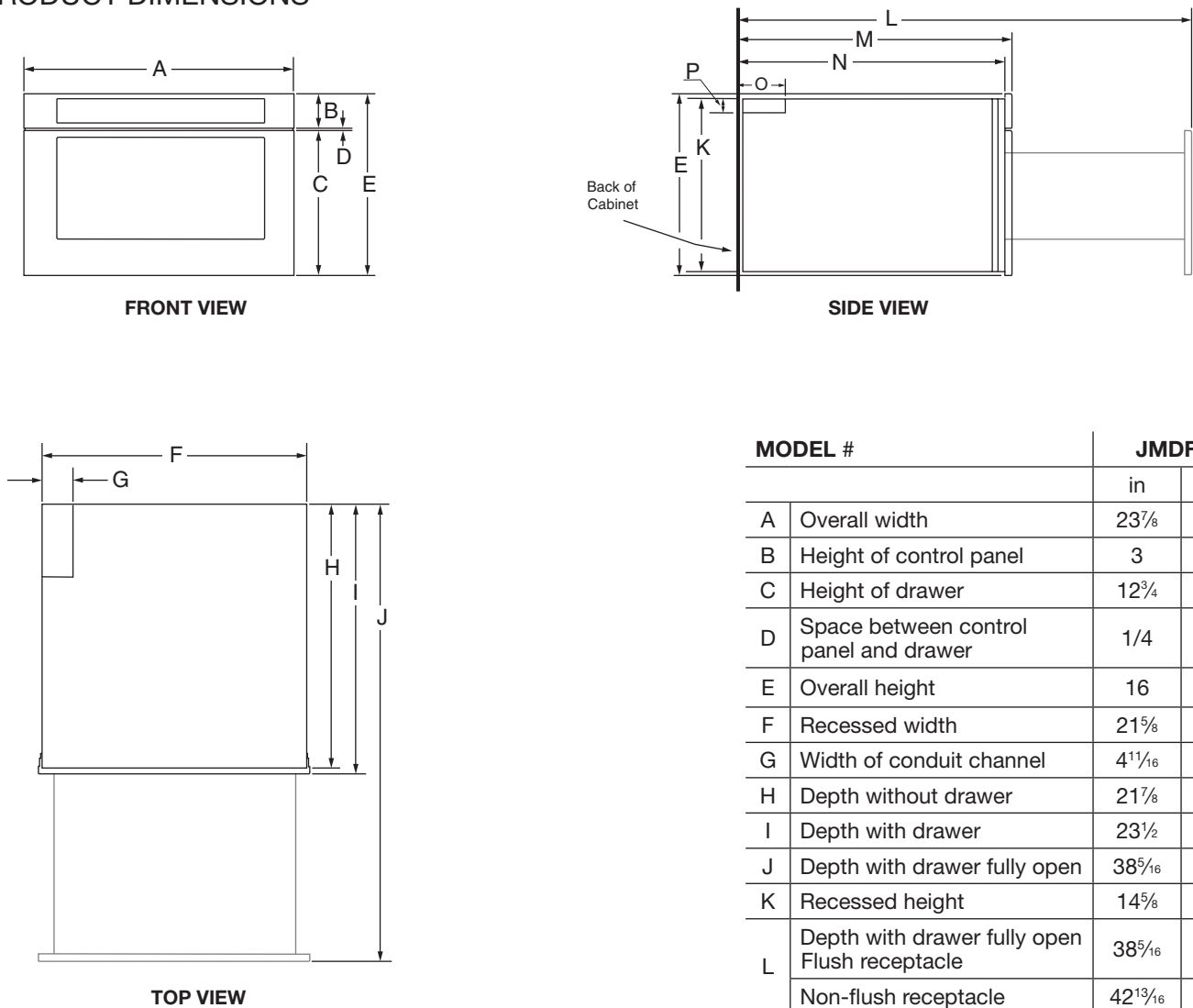
Manufacturer's Suggested Retail Price (MSRP) and Minimum Advertised Price (MAP) provided for reference purposes only. Dealer alone determines advertised and retail prices.

Created On: Friday, April 21, 2023 08:03:00

DETAILED PLANNING DIMENSIONS

JENNAIR® UNDER COUNTER MICROWAVE OVEN WITH DRAWER DESIGN JMDFS24JL – 23⁷/₈" x 15³/₈" x 24⁹/₁₆"

PRODUCT DIMENSIONS



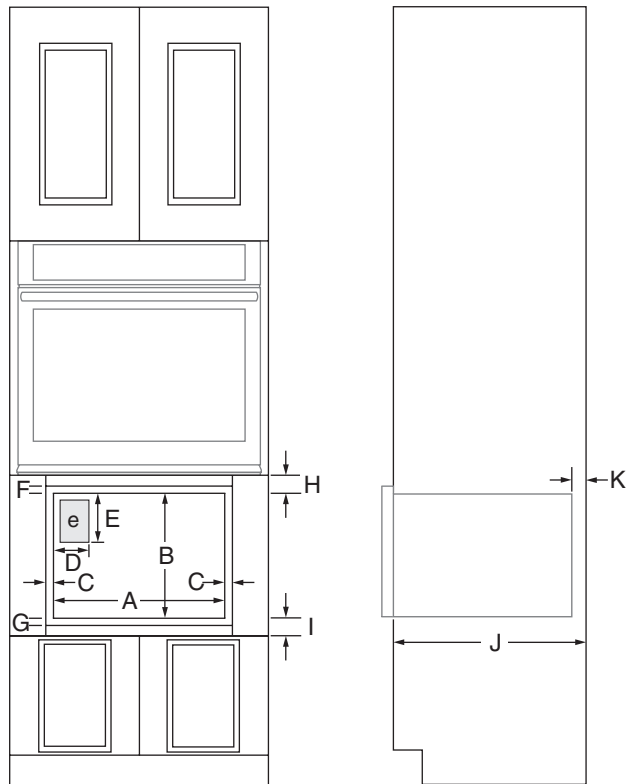
MODEL #		JMDFS24JL	
		in	cm
A	Overall width	23 ⁷ / ₈	60.6
B	Height of control panel	3	7.6
C	Height of drawer	12 ³ / ₄	32.4
D	Space between control panel and drawer	1/4	0.6
E	Overall height	16	40.6
F	Recessed width	21 ⁵ / ₈	54.9
G	Width of conduit channel	4 ¹¹ / ₁₆	11.9
H	Depth without drawer	21 ⁷ / ₈	55.6
I	Depth with drawer	23 ¹ / ₂	59.7
J	Depth with drawer fully open	38 ⁵ / ₁₆	97.3
K	Recessed height	14 ⁵ / ₈	37.1
L	Depth with drawer fully open Flush receptacle	38 ⁵ / ₁₆	97.3
	Non-flush receptacle	42 ¹³ / ₁₆	108.7
M	Depth with drawer Flush receptacle	23 ⁵ / ₁₆	59.2
	Non-flush receptacle	27 ¹³ / ₁₆	70.6
N	Depth without drawer Flush receptacle	21 ⁷ / ₈	55.6
	Non-flush receptacle	26 ³ / ₈	67.0
O	Length of conduit channel	4	10.2
P	Height of conduit channel	1 ³ / ₄	4.4

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 JennAir® appliances are appropriately UL, CUL or CSA approved.

DETAILED PLANNING DIMENSIONS

JENNAIR® UNDER COUNTER MICROWAVE OVEN WITH DRAWER - STANDARD INSTALLATION
JMDFS24JL – 23⁷/₈" x 15³/₈" x 24⁹/₁₆"

OPENING/CLEARANCE DIMENSIONS



FRONT VIEW-INSTALLATION
UNDER SINGLE OVEN

SIDE VIEW

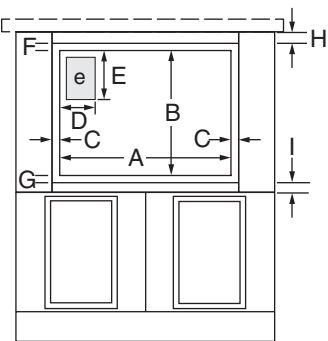
MODEL #		JMDFS24JL	
		in	cm
A	Width of cutout	22 ¹ / ₈	56.2
B	Height of cutout	15 ⁹ / ₁₆	39.5
C	Side overlap allowance	7/8	2.2
D	Width of suggested electrical receptacle location	4 ¹ / ₂	11.4
E	Height of suggested electrical receptacle location	3	7.6
F	Top overlap allowance	9/16	1.4
G	Bottom overlap allowance	3/4	1.9
H	Top of cutout to bottom of oven (min.)	2	5.1
	Top of cutout to bottom of countertop (min.)	2	5.1
I	Bottom of cutout to top of cabinet door (min.)	2	5.1
J	Depth of cutout (min.) with flush receptacle	23 ¹ / ₂	59.7
	with non-flush receptacle	28	71.1
K	Depth from back of microwave to back of cabinet	3 ¹ / ₂	8.9
e	Recommended electrical connection location		

ELECTRICAL REQUIREMENTS

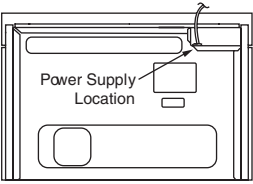
120 V, 60 Hz, AC only, 15 or 20 A fused, grounded circuit is required. A time-delay fuse or dedicated circuit is recommended. Do not use an extension cord.

LOCATION REQUIREMENTS

Support structure must be able to support 100 lb (45.4 kg) including microwave oven and contents.



FRONT VIEW-INSTALLATION
UNDER COUNTERTOP



BACK VIEW

IMPORTANT: Dimensional specifications are provided for planning purposes only.
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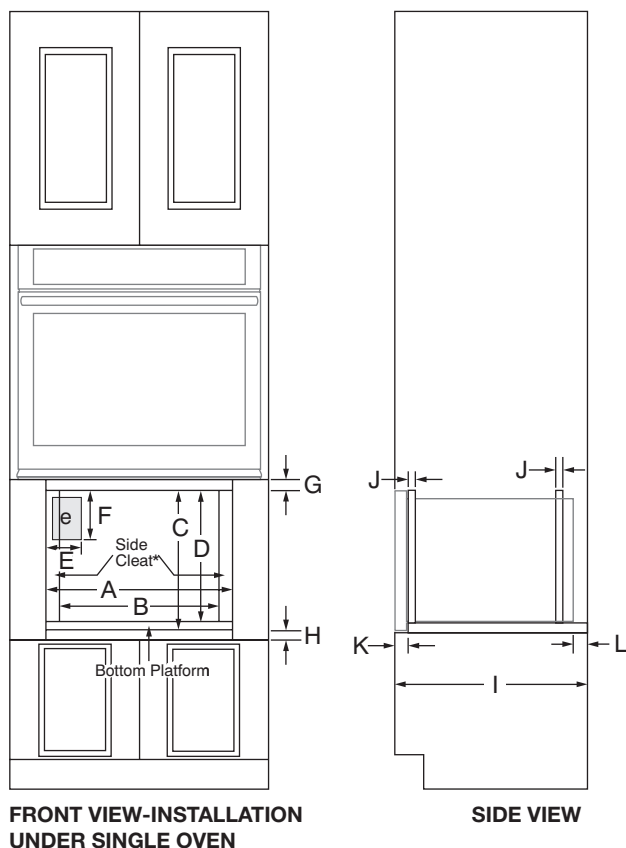


DETAILED PLANNING DIMENSIONS

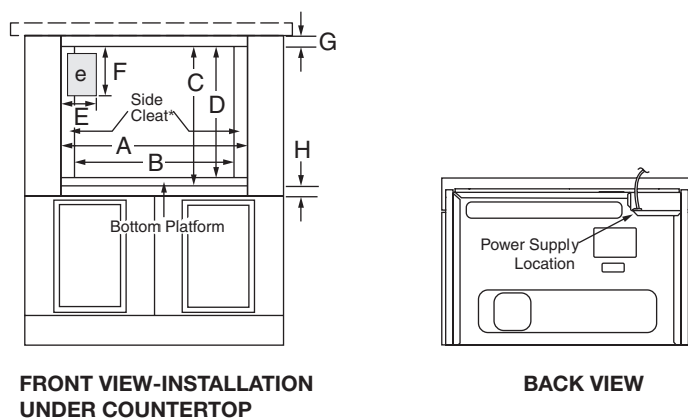
3 of 6

JENNAIR® UNDER COUNTER MICROWAVE OVEN WITH DRAWER - FLUSH INSTALLATION JMDFS24JL – 23⁷/₈" x 15³/₈" x 24⁹/₁₆"

OPENING/CLEARANCE DIMENSIONS



MODEL #		JMDFS24JL	
		in	cm
A	Width of cutout (min.-max.)	24 ³ / ₁₆ - 24 ¹ / ₂	61.4 - 62.2
B	Width between side cleats	22 ¹ / ₈	56.2
C	Height of cutout	17	43.2
D	Height from top of cutout to platform	16 ¹ / ₈	41.0
E	Width of suggested electrical receptacle location	4 ¹ / ₂	11.4
F	Top overlap allowance	3	7.6
G	Height of suggested electrical receptacle location		
	Top of cutout to bottom of oven (min.)	2	5.1
H	Top of cutout to bottom of countertop (min.)		
	Bottom of cutout to top of cabinet door (min.)	2	5.1
I	Depth of cutout (min.) with flush receptacle	23 ¹ / ₂	59.7
	with non-flush receptacle	28	71.1
J	Depth of side cleat	1 ⁹ / ₁₆	3.9
K	Depth from face of cabinet to front of platform	1 ⁷ / ₈	4.8
L	Depth from back of installed microwave to back of cabinet	3 ¹ / ₂	8.9
e	Recommended electrical connection location		



ELECTRICAL REQUIREMENTS

120 V, 60 Hz, AC only, 15 or 20 A fused, grounded circuit is required. A time-delay fuse or dedicated circuit is recommended. Do not use an extension cord.

LOCATION REQUIREMENTS

Support structure must be able to support 100 lb (45.4 kg) including microwave oven and contents.

IMPORTANT: Dimensional specifications are provided for planning purposes only.

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JFFCF72DKL

RISE 36" French Door Freestanding Refrigerator



<http://www.jennair.com>



Key Features:

- TriSensor™ Electronic Climate Control
- Adjustable Glass Shelves with Spill Shield Technology
- Counter-Depth Design
- Temperature-Controlled Gourmet Bay™ Drawer with Self-Opening Lid
- One-Hand Internal Water Dispenser
- LED Lighting
- Electronic Controls with LED Display
- Undershelf Wine Bottle Rack
- RISE™ Design Expression
- Custom Knurled Handle
- Hidden Hinges
- Automatic Ice Maker with Storage Bin and Ice Scoop

Product Dimensions:

Height: 71 7/8

Depth: 30 1/4

Additional Information:

[Owners Manual](#)

[Dimension Guide](#)

[Installation Guide](#)

[Energy Guide](#)

[Warranty Certificate](#)

Available in:



Stainless Steel

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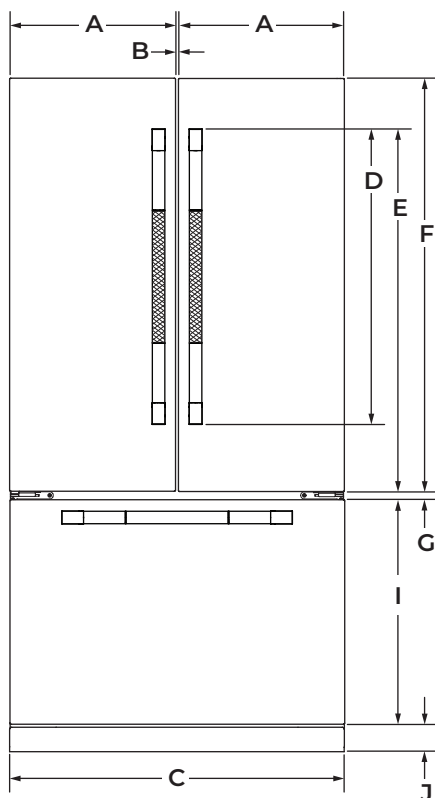


72" COUNTER-DEPTH FRENCH DOOR REFRIGERATOR WITH INTERNAL DISPENSER

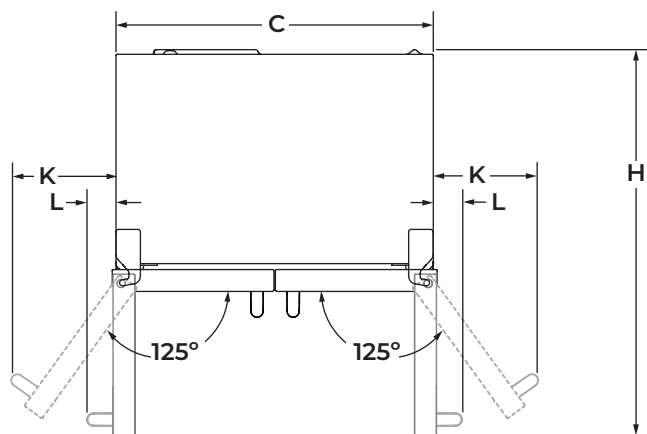
DETAILED PLANNING DIMENSIONS GUIDE

JFFCF72DKL – 35⁵/₈" (W) x 71⁷/₈" (H) x 30¹/₂" (depth with handles)

PRODUCT DIMENSIONS



FRONT VIEW



TOP VIEW

DIMENSION	DESCRIPTION	JFFCF72DKL
A	Width of each door	17 ⁵ / ₈ " (44.8 cm)
B	Space between doors	3/8" (9 mm)
C	Overall width	35 ⁵ / ₈ " (90.5 cm)
D	Height of door handles (RISE™)	32 ³ / ₄ " (83.2 cm)
E	Height to top of door handles (RISE™)	38" (96.5 cm)
F	Height of doors	44 ¹ / ₈ " (112.1 cm)
G	Space between doors and drawer	1" (2.5 cm)
H	Depth with doors open 90°	44" (111.8 cm)
I	Height of drawer	23 ⁷ / ₈ " (60.6 cm)
J	Height of grille	2 ⁷ / ₈ " (7.3 cm)
K	Width from side of refrigerator to handle – door fully open 125° (RISE™)	11" (28 cm)
L	Width from side of refrigerator to handle – door open 90° (RISE™)	3 ³ / ₈ " (8.6 cm)

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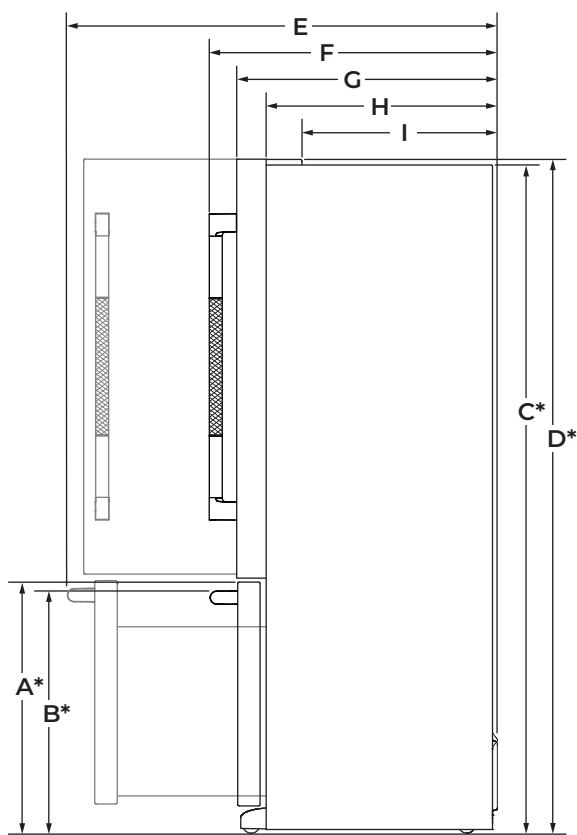


72" COUNTER-DEPTH FRENCH DOOR REFRIGERATOR WITH INTERNAL DISPENSER

DETAILED PLANNING DIMENSIONS GUIDE

JFFCF72DKL – 35⁵/₈" (W) x 71⁷/₈" (H) x 30¹/₂" (depth with handles)

PRODUCT DIMENSIONS (CONT.)



SIDE VIEW

DIMENSION	DESCRIPTION	JFFCF72DKL
A*	Height to top of drawer (min.)	26 ³ / ₄ " (67.9 cm)
B*	Height to top of drawer handle (min.)	25 ³ / ₄ " (65.4 cm)
C*	Height of recessed refrigerator (min.)	71 ¹ / ₄ " (181 cm)
D*	Height to top of hinges (min.)	71 ⁷ / ₈ " (182.6 cm)
E	Depth with drawer fully open including drawer handle (min.)	44 ⁵ / ₁₆ " (112.5 cm)
F	Depth with handles (min.)	30 ¹ / ₂ " (77.5 cm)
G	Depth with doors (min.)	27 ⁵ / ₈ " (70.2 cm)
H	Depth without doors (min.)	24 ¹ / ₂ " (62.2 cm)
I	Depth to back of hinges (min.)	20 ⁵ / ₈ " (52.4 cm)

*Add 3/4" (1.9 cm) to the height dimension when leveling legs are fully extended.

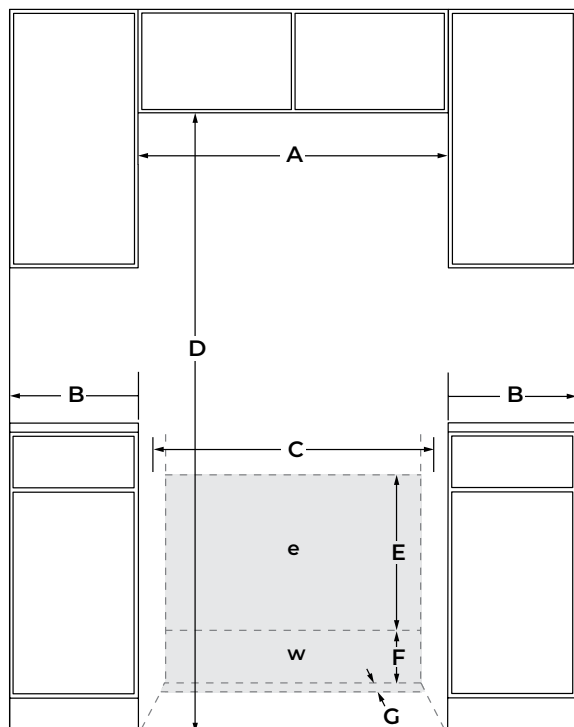


72" COUNTER-DEPTH FRENCH DOOR REFRIGERATOR WITH INTERNAL DISPENSER

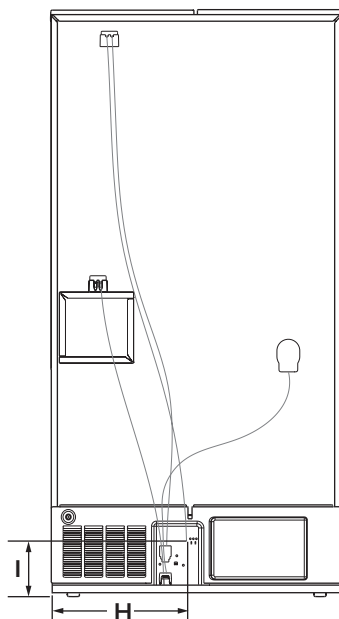
DETAILED PLANNING DIMENSIONS GUIDE

JFFCF72DKL – 35⁵/₈" (W) x 71⁷/₈" (H) x 30¹/₂" (depth with handles)

OPENING/CLEARANCE DIMENSIONS



FRONT VIEW



BACK VIEW

DIMENSION	DESCRIPTION	JFFCF72DKL
A	Width (min.)	36 ⁵ / ₈ " (93 cm)
B	Minimum width from side of refrigerator to fixed wall – door open 90°	3 ³ / ₈ " (8.6 cm)
	Minimum width from side of refrigerator to fixed wall – door open approx. 125°	11" (28 cm)
C	Width of recommended electrical/water installation area	34" (86.4 cm)
D	Height (min.)	71 ⁷ / ₈ " (182.6 cm)
E	Height of recommended electrical installation area	10" (25.4 cm) Min. 24" (61 cm) Max.
F	Height of recommended water installation area	10" (25.4 cm)
G	Depth of recommended water installation area	1" (2.5 cm)
H	Water line location – distance from side	24 ⁵ / ₈ " (62.5 cm)
I	Water line location – distance from bottom	9 ³ / ₈ " (23.8 cm)
e	Recommended electrical connection location	
w	Recommended water connection location	

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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.

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 refrigerator and approved accessories be provided. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

WATER PRESSURE REQUIREMENTS

A cold water supply with water pressure of between 35 psi and 120 psi (241 kPa 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.

Reverse Osmosis Water Supply

IMPORTANT: The pressure of the water coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 35 psi and 120 psi (241 kPa and 827 kPa).

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

To ensure proper ventilation for your refrigerator, allow for 1/2" (1.25 cm) of space on each side and at the top. Allow for 1" (2.54 cm) of space behind the refrigerator.