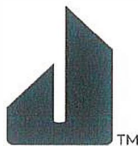


Servery
SS



JENNAIR® RISE™ 24" BUILT-IN COFFEE SYSTEM

Signature Features

6 CUSTOMIZABLE PROFILES

Bold flavor, refined to your taste. Craft up to six individualized profiles with custom drink choice, strength and size to quickly select your favorite drink. Profiles, complete with individual icons, are displayed in order of frequency of use.

3.5-INCH FULL-COLOR LCD DISPLAY

This full-color LCD touchscreen is compact and packed with dynamic features that allow you to customize cafe-style drinks to your individual taste. Navigate effortlessly through settings with inviting controls that respond to a light touch.

WHOLE-BEAN COFFEE GRINDER

Finely ground, flavor rich. This grinder's barista-style metal construction transforms the freshest beans into the most flavorful coffees, espressos, cappuccinos and more.

GROUND COFFEE COMPATIBILITY

Indulge percolating cravings with coffee, espresso and cappuccinos made with pre-ground coffee or whole beans.

FLEXIBLE INSTALLATION

Make your move. With only a 120-volt connection required and an easy-to-fill water reservoir, this system installs anywhere in your home.

CUP TRAY WITH INTEGRATED DRIP TRAY

Gourmet brews flow into waiting cups nestled safely in the tray. Beneath, stray drips and water from rinse cycles are captured in the integrated drip tray, which is easily removed and cleaned.

DUAL DISPENSING SPOUTS

Serve guests simultaneously. Height-adjustable, dual-dispensing spouts let you brew two cups of barista-style coffee or espresso at one time.

RISE™ DESIGN EXPRESSION

Forged for an era of striking proportions, robust lines draw the eye and an asymmetrical, diamond-knurled texture wraps around a strong, postured handle.

STEALTH FLUSH DESIGN

Create an unbroken silhouette. Discreet ¼" reveals envelop every side, as dark interiors and glass expanses pull you in.



Dimensions

Capacity Size: 2.4 Liters

Depth: 50.01 cm

Gross Weight: 29.00 kg

Height: 45.40 cm

Net Weight: 24.70 kg

Width: 59.53 cm

Common Size: 24

Controls

Control Type: Full Color LCD Electronic Touch

Technical Specifications

Details

- Adjustable Coffee Strength: Yes
- Automatic Brewed Grounds Collection: Yes
- Coffee Measuring Scoop: Yes
- Concealed Storage Trays: Yes
- Cup Tray with Integrated Drip Tray: Yes
- Design Expression: RISE™
- Empty Waste Coffee Container Alert: Yes
- Fill Beans Container Alert: Yes

Details

- Fill Tank Alert: Yes
- Ground Coffee Compatibility: Yes
- Pre-Heat Rinse Function: Yes
- Removable Brewing Unit: Yes
- Certifications
- Prop 65: Standard
- Warning Drawer Details
- Temperature Customization: Yes

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INSTALLATION REQUIREMENTS

Tools and Parts

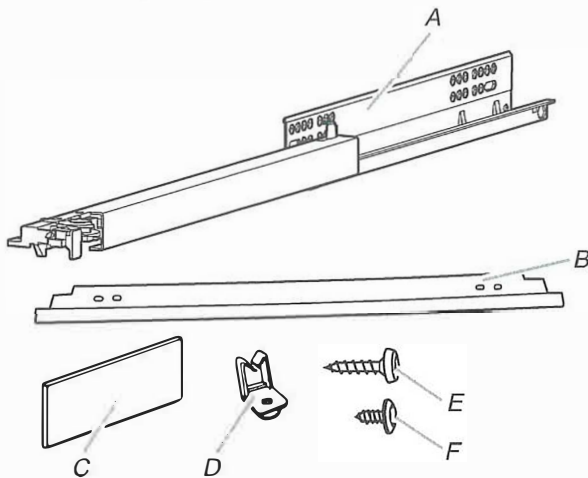
Tools Needed

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

- Measuring tape
- T20®† Torx®† screwdriver
- Pencil
- Drill
- Level
- 1/16" (2 mm) drill bit
- Masking tape

Parts Supplied

All of the following parts are provided, but some parts may not be used. The location of your coffee system installation will determine which parts you will use.

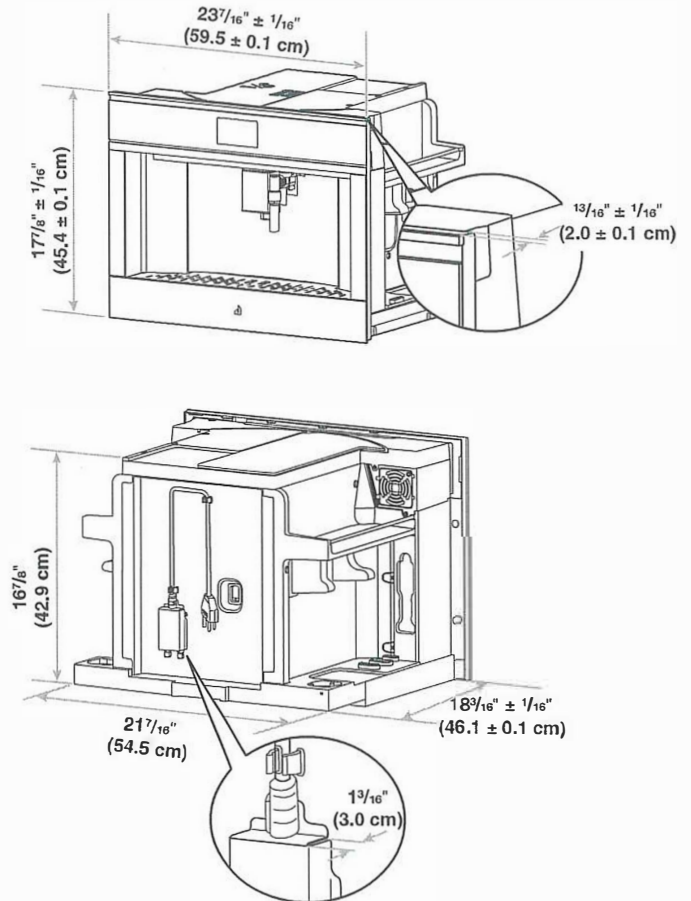


- A. Mounting brackets/runners (2)
- B. Bottom Trim (1) (Optional)
- C. Bracket spacers (4) (1 mm thick)
- D. Power supply cord clip (1)
- E. 3/16" x 5/8" (4.5 x 16 mm) T20 screws (17)
- F. 3/16" x 3/8" (4.2 x 9.5 mm) T20 screws (2)

- Refer to installation instructions for cutout dimensions for any appliances installed above or below the built-in coffee system.

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 coffee system has been designed in accordance with the requirements of UL and CSA International and complies with the maximum allowable wood cabinet temperature of 194°F (90°C).

Product Dimensions



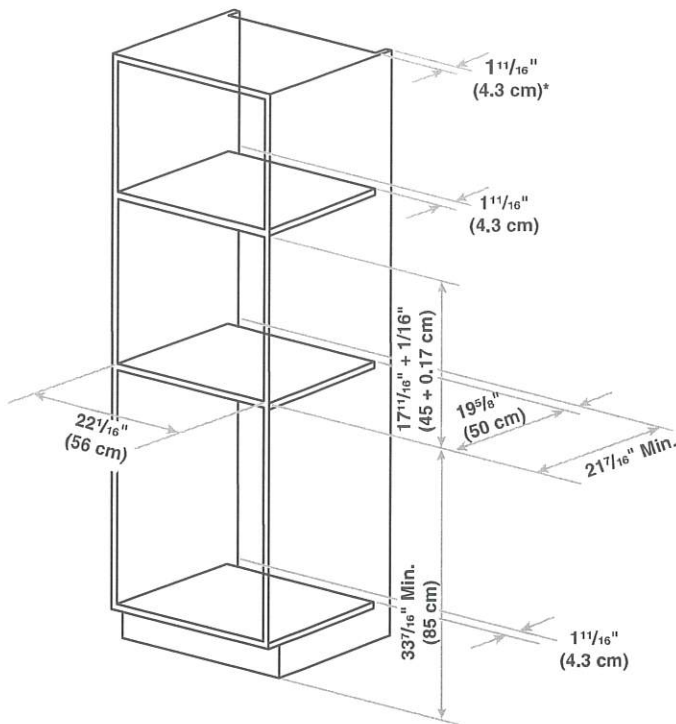
Location Requirements

IMPORTANT: Observe all governing codes and ordinances.

- Cabinet opening dimensions that are shown must be used. Given dimensions provide minimum clearance with coffee system.
- The built-in coffee system must be installed in cabinetry with the dimensions provided.
- Follow the installation instructions for any cabinetry used to house the built-in coffee system. Make sure cabinet is securely attached to the wall.
- Follow the installation instructions.
- Grounded electrical supply is required. See "Electrical Requirements" section.

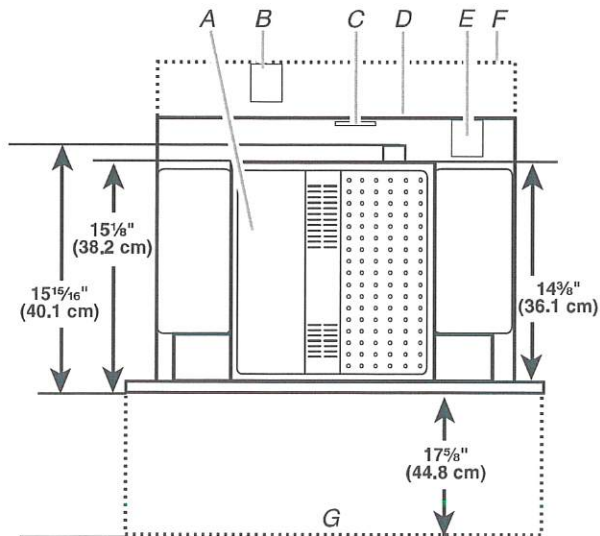
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Electrical Requirements



*Venting cutout suggested, not mandatory.

Cutout Top View



- A. Coffee system
- B. Non-flush receptacle
- C. Flush receptacle
- D. Back of cabinet
- E. Non-flush receptacle located in upper right or upper left corner
- F. Wall behind cabinet
- G. Coffee system with runners fully extended

⚠ 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 coffee system 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 coffee system be provided.
- Check that the outlet provides 120 V power and is correctly grounded.

K.C.B.

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PV2-a

Kitchen
SS

JENNAIR® DISHWASHER WITH PRECISE FIT 3RD RACK FOR CUTLERY

JDPSS244PL

Signature Features

QUIETEST LUXURY DISHWASHER BRAND

Based on normal cycle

RAPID WASH CYCLE

This wash cycle cleans dishes in about an hour and is ideal for any get-together, diversion or intimate night in.

39 DBA TRANQUILITY SYSTEM

Listen to the hush. At 39 dBA, these JennAir dishwashers run quietly without sacrificing performance.

PRECISE FIT 3RD RACK FOR CUTLERY

This slim profile, top-tier rack organizes extra utensils and overflow silverware without sacrificing storage space below.

DARING OBSIDIAN MIDDLE AND BOTTOM RACKS

A JennAir® signature, these dramatic black racks are inspired by the beauty of volcanic glass—showcasing clean dishes in striking contrast.

14 PLACE SETTING CAPACITY

Intimate affairs. Lavish after-parties. Enough capacity for a service of 14 means there's always room for one more.

11% MORE LOADING HEIGHT

1 TO 24-HOUR DELAY START OPTION

Postpone the start of your wash cycle in 1-hour increments for up to 24 hours. Start your wash cycle on your terms.

2 POSITION FOLD-AWAY™ TINES

Adjustable tines in the middle and lower racks allow space reconfiguration to handle uncommon cookware on special occasions or adapt to the every day.



Dimensions

Adjustable Height: Yes

Depth: 67.94 cm

Depth Closed Excluding Handles: 62.23 cm

Depth Closed Including Handles: 67.94 cm

Depth With Door Open 90 Degree: 129.54 cm

Gross Weight: 31.75 kg

Height: 85.09 cm

Net Weight: 26.76 kg

Width: 60.64 cm

Controls

Automatic Temperature Controls: Yes

Control Type: Tap Touch with Display

Control Location: Top Hidden

End of Cycle Signal: Yes

Status Light: Tricolor

Electrical

Power Cord Included: No

Power Cord Length: 1.8 m

Technical Specifications

Details

Built-In Water Softener: No

Design Expression: RISE™

Dishwasher Configuration: Tall Tub

Dishwasher Cycle Selection:

- 1-Hour Wash
- Cookware
- Crystal
- Normal
- Refresh
- Sensor

Dishwasher Type: Built-In

Dishwasher Option Selections:

- 1-24 Hour Delay
- Bottom Rack Wash
- Hi Temp Wash
- Sani Rinse®
- Steam Finish
- Top Rack Wash

Dispensers: Detergent and Rinse Aid

Drying System Type: Fan Dry with Heating Element

Fingerprint Resistant: No

Number of Racks: 3

Exterior Details

Handle Color: Stainless Steel

Handle Material: Metal

Handle Type: Towel Bar

Magnetic Door: No

Window: No

Certifications

ADA Compliant: No

CEE Tier Rating: Tier I

CUL: Yes

Energy Star Qualified: ENERGY STAR® Qualified

NSF Certified: Yes

Prop 65: Standard

Star K Certified: Yes

Rack Details

Lower Rack Extras: Sliding Tines

Second Level Rack Cushion-Tip Tines: Yes

Number of Place Settings: 14

Rack Material: Nylon

Rinse Aid Dispenser Level Indicator: Yes

Sensor: Yes

Sound Package: Yes

True Hold Door: Yes

Tub Material: Stainless Steel

Water Filtration: Yes

Handle Material: Metal

Handle Type: Towel Bar

Exterior Details

Door Style: Flat

Second Level Rack Extras:

- 6 Stemware Holders
- Stainless Steel Wash Arm

- 182.88 cm
- 6 cm

Second Level Rack Fold-Down Tines: 1 Row 6 Position

Interior Details

Interior Light: No

Cycles

Number of Wash Cycles: 6

Smart Compatibility

Connectivity: No

Smart Appliance: No

Works With: No

Installation Considerations

Hoses Included: Both Fill Hose and Drain

Silverware Basket Details

Silverware Basket Covers: Yes

Silverware Basket Location: Bottom Rack

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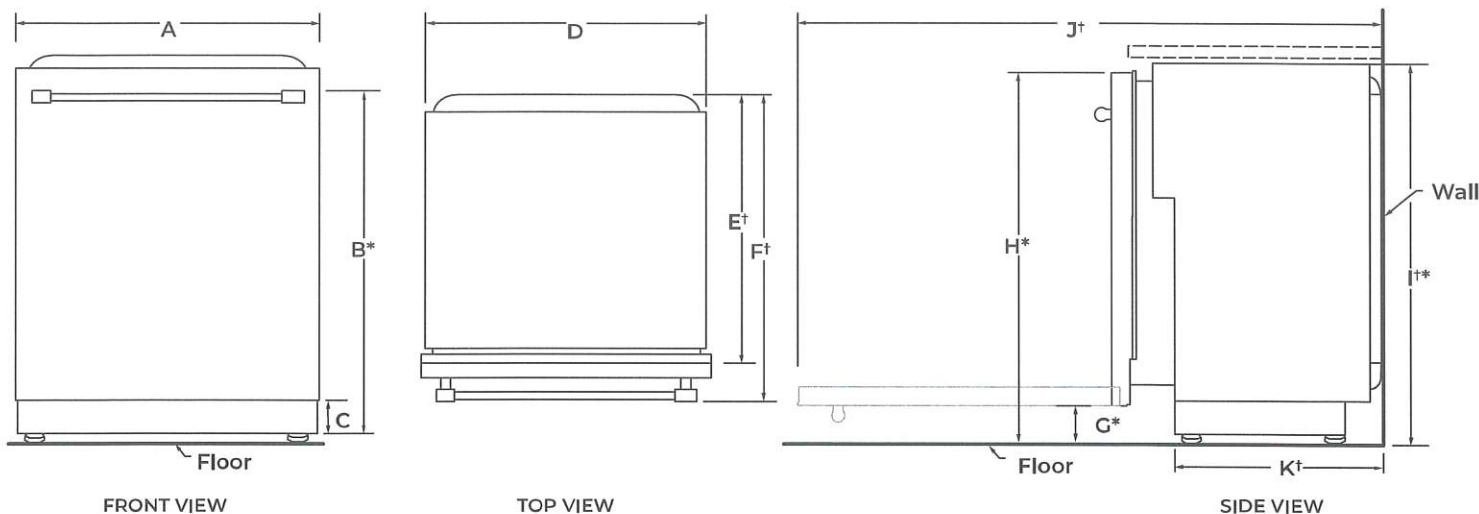
24" DISHWASHER

DETAILED PLANNING DIMENSIONS GUIDE

JDPSS246LL, JDPSS246LM, JDPSS244LS, JDPSS244LL,
JDPSS244LM, JDPSS244P**, 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 ³ / 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 1¹/₁₆" (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.

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24" DISHWASHER

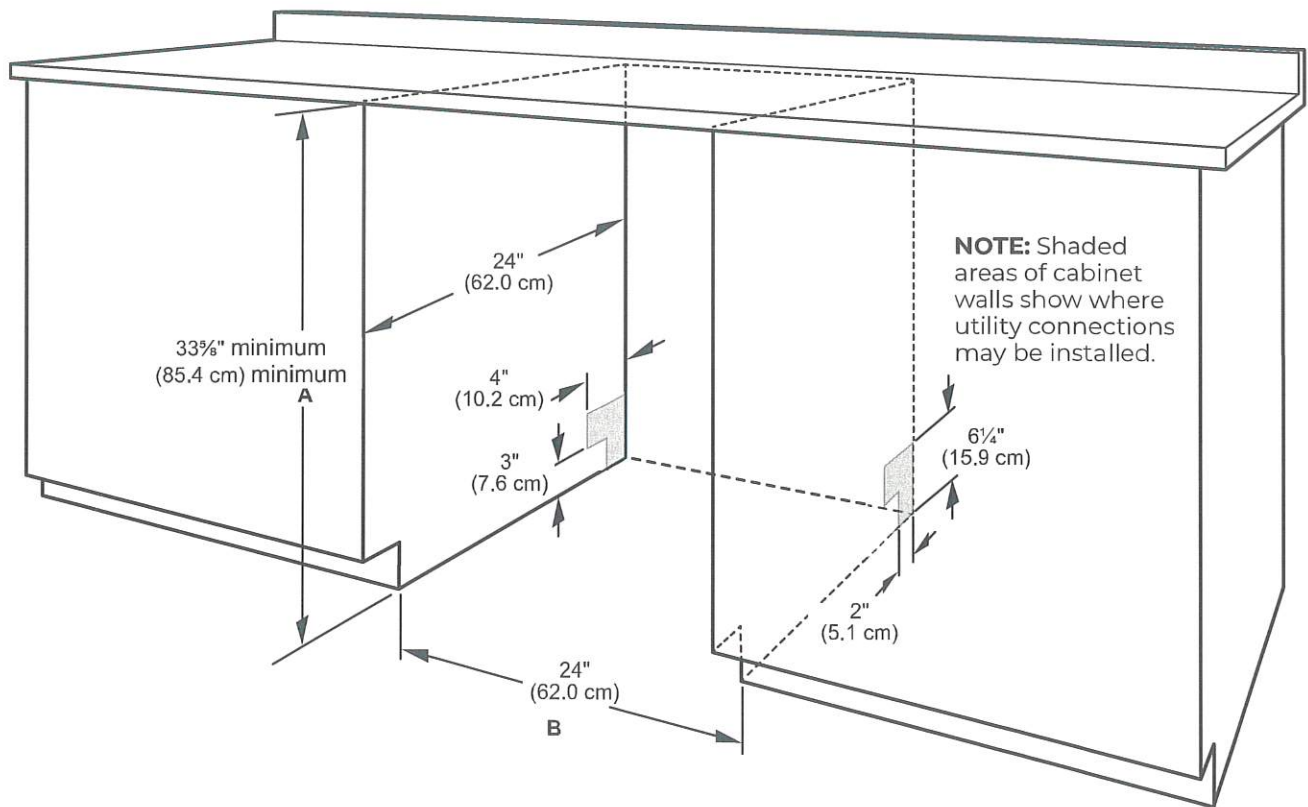
DETAILED PLANNING DIMENSIONS GUIDE

JDPSS246LL, JDPSS246LM, JDPSS244LS, JDPSS244LL,
JDPSS244LM, JDPSS244P**, 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.

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PV2-9

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Sentry

85



RISE™ 24" BUILT-IN UNDERCOUNTER BEVERAGE CENTER, RIGHT SWING

JUBFR242HL

Signature Features

DARING OBSIDIAN INTERIOR

Inspired by volcanic glass, this dark finish erupts with reflective, high-contrast style. Let the object of your desire emerge like vibrant art, begging to be consumed.

UV-RESISTANT THERMAL GLASS

Sustain what satiates. Double-paned glass filters out ultraviolet light and rejects temperature swings to reserve the finest tastes for your discerning palate.

SMOOTH CLOSE DOOR

Quiet, soft, secure. An articulating hinge discreetly ushers the door open and gently pulls it closed.

EMOTIVE CONTROLS

Hold sway over every zone. Let your light-guided touch coax out the flavors of beverages, spirits and beyond.

LED LIGHTING

LED lights instinctively come alive, chasing away shadows to reveal vivid details.

INDEPENDENT TEMPERATURE ZONES

Compose ideal climates for choice beverages and tempting bites. Two temperature zones and six curated presets await your command.

GLASS SHELVES

Gaze through platforms of glass wrapped in unyielding shelf frames.

SMOOTH CLOSE RACKS

Smooth moves. Each beechwood rack opens and closes fluidly and quietly, even when fully loaded.

13 BOTTLE CAPACITY

Take your fill. Relish the spine-tingling flavors of imbibements at your leisure.



Dimensions

Gross Weight: 59.87 kg

Height: 86.68 cm

Height To Top Of Door Hinge: 87.31 cm

Net Weight: 54.88 kg

Width: 60.64 cm

Depth: 60.17 cm

Controls

Automatic Defrost: Yes

Control Lockout: No

Cooling On/Off: Yes

Door Ajar/Open Alarm: Yes

Max Cool/Fast Cool: Yes

Sabbath Mode: Yes

Technical Specifications

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PV2-9



1/2

Exterior Details

Cabinet Color: Black
Cabinet Finish: Textured
Door Color: Stainless Steel
Door Style: Flat
Handle Location: Horizontal
Handle Material: Metal
Handle Type: Reach-Through Handle
Reversible Door: No

Certifications

ADA Compliant: No
ENERGY STAR Qualified: ENERGY STAR®
Qualified
Star K Certified: Yes
Prop 65: Standard

Details

Number of Racks: 2

Details

Number of Shelves: 2
Rack Front Material: Wood
Refrigerator Type: Beverage Center
Zone 1 Capacity: 24 Bottles
Zone 1 Temperature Range: 33F to 40F
Zone 2 Capacity: 13 Bottles
Zone 2 Temperature Range: 42F to 64F

Refrigerator Details

Number of Temperature Controlled Zones: 2


Ice maker Details

Ice Maker On/Off: Yes

Interior Details

Interior Light: LED

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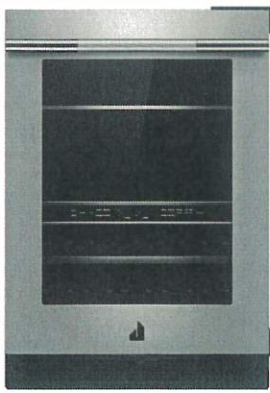



UNDER COUNTER BEVERAGE CENTER

DETAILED PLANNING DIMENSIONS GUIDE

JUBFR242HL, JUBFL242HL, JUBFR242HM, JUBFL242HM, JUBFL242HX, JUBFR242HX
 23⁷/₈" (W) x 34³/₈" (H) x 23¹/₁₆" (Depth without door panels/handles)

Choose one of following configuration to match your kitchen design.

Base Unit (Panel Ready)	RISE™ Model	NOIR™ Model
		
LH: JUBFL242HX RH: JUBFR242HX	LH: JUBFL242HL RH: JUBFR242HL	LH: JUBFL242HM RH: JUBFR242HM

OPTIONAL ACCESSORIES FOR CUSTOM OVERLAY DESIGNS

RISE™ STAINLESS HANDLE KIT

- W11231237
- For use with Custom Overlay panels
- Quantity - One handle per kit

NOIR™ STAINLESS HANDLE KIT

- W11231236
- For use with Custom Overlay panels
- Quantity - One handle per kit

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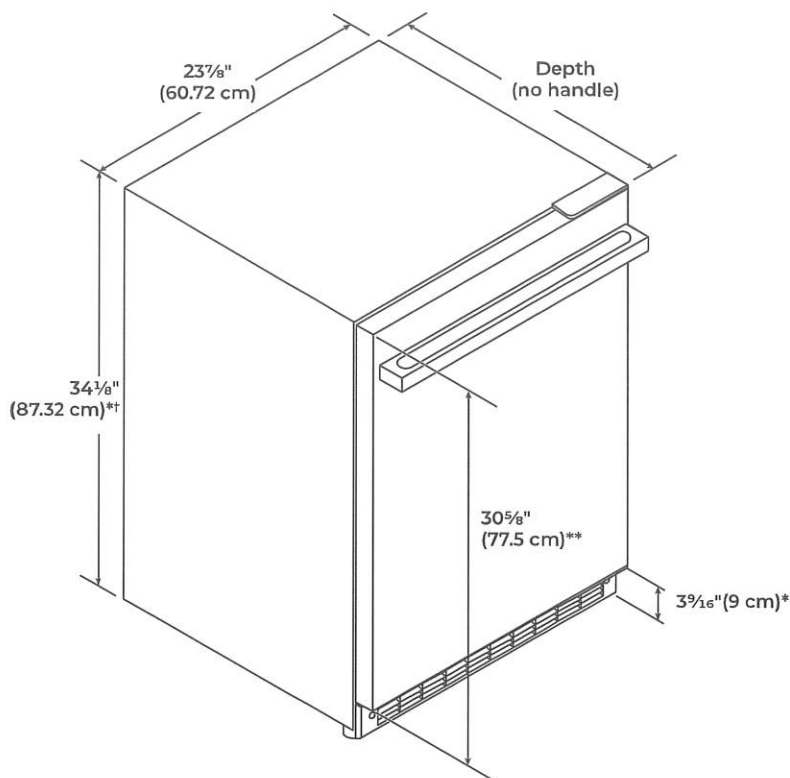


UNDER COUNTER BEVERAGE CENTER

DETAILED PLANNING DIMENSIONS GUIDE

JUBFR242HL, JUBFL242HL, JUBFR242HM, JUBFL242HM, JUBFL242HX, JUBFR242HX
23⁷/₈" (W) x 34³/₈" (H) x 23¹/₁₆" (Depth without door panels/handles)

PRODUCT DIMENSIONS



VARIANT	DEPTH (NO HANDLE)
RISE™ Model	23 ¹ / ₁₆ " (60.4 cm)
NOIR™ Model	23 ¹⁵ / ₁₆ " (60.8 cm)
Panel ready models (with 3/4" panel)	23 ¹¹ / ₁₆ " (60.2 cm)

*Add 5/8" (1.6 cm) to the height dimension when leveling legs are fully extended.

**For custom panel models, this will vary.

†Add 1/4" (6.4 mm) to the height dimension for height with hinge covers.

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UNDER COUNTER BEVERAGE CENTER

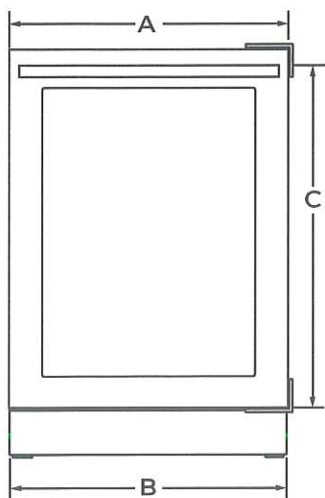
DETAILED PLANNING DIMENSIONS GUIDE

JUBFR242HL, JUBFL242HL, JUBFR242HM, JUBFL242HM, JUBFL242HX, JUBFR242HX
 23⁷/₈" (W) x 34³/₈" (H) x 23¹/₁₆" (Depth without door panels/handles)

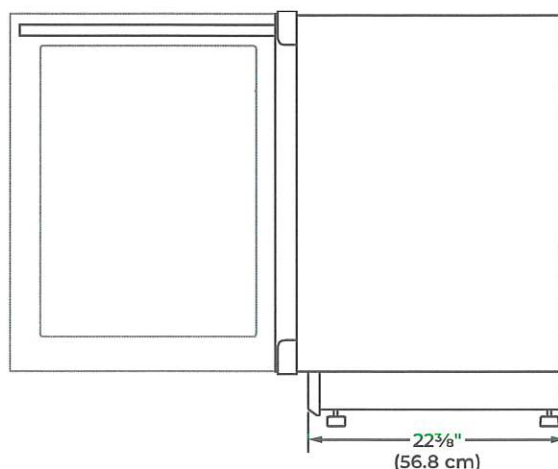


DIMENSION	DESCRIPTION	RISE™ Model	NOIR™ Model	Panel ready models (with 3/4" panel)
A	Width of door	23 ³ / ₄ " (60.3 cm)		
B	Width of the grille	23 ¹³ / ₁₆ " (60.5 cm)	23 ¹³ / ₁₆ " (60.5 cm)	23 ¹³ / ₁₆ " (60.5 cm)
C	Height to top of handle	28 ¹ / ₁₆ " (71.3 cm)	28 ¹ / ₁₆ " (71.3 cm)	**
D	Width from side of beverage center to handle – door open 90°	2 ⁷ / ₁₆ " (6.2 cm)	1 ¹⁵ / ₁₆ " (5 cm)	**
E	Depth without door	21 ¹ / ₁₆ " (55.1 cm)		
F	Depth with door	23 ¹³ / ₁₆ " (60.4 cm)	23 ¹⁵ / ₁₆ " (60.8 cm)	23 ¹ / ₁₆ " (60.2 cm)
G	Depth with handle	26 ⁹ / ₁₆ " (67.5 cm)	26 ¹ / ₈ " (66.3 cm)	**
H	Depth with door open 90°	48" (121.9 cm)		

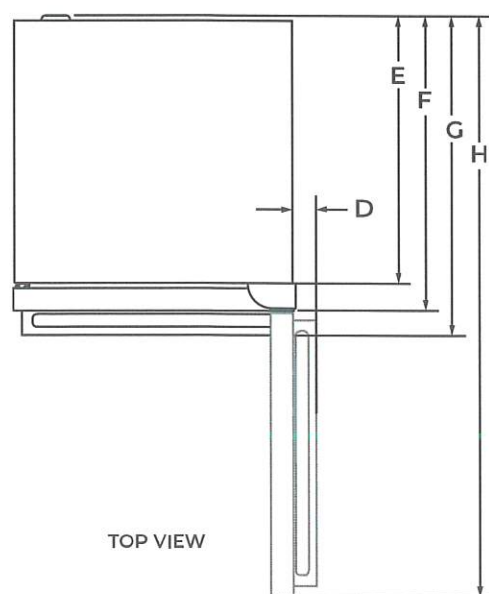
**For custom panel models, this will vary.



FRONT VIEW



SIDE VIEW



TOP VIEW

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

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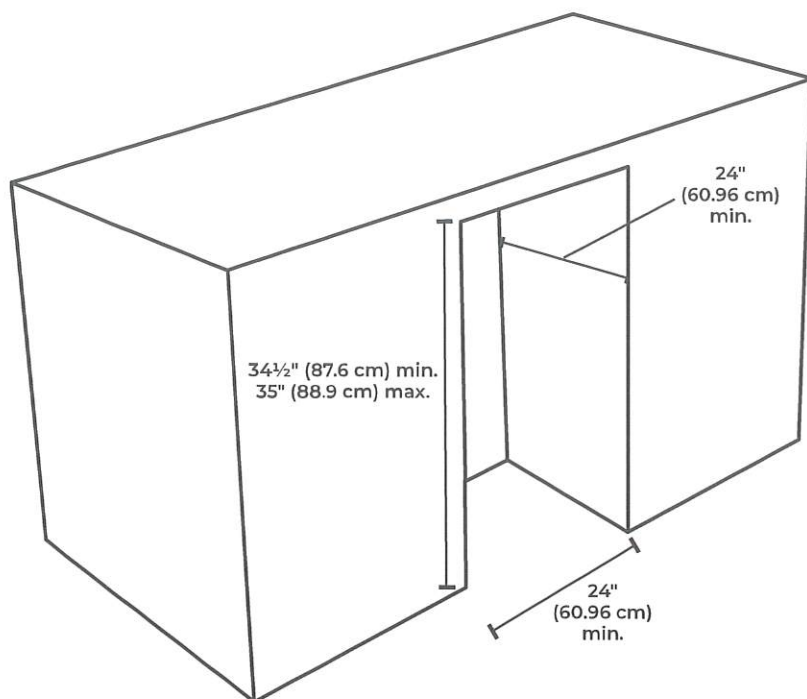


UNDER COUNTER BEVERAGE CENTER

DETAILED PLANNING DIMENSIONS GUIDE

JUBFR242HL, JUBFL242HL, JUBFR242HM, JUBFL242HM, JUBFL242HX, JUBFR242HX
 23⁷/₈" (W) x 34³/₈" (H) x 23¹/₁₆" (Depth without door panels/handles)

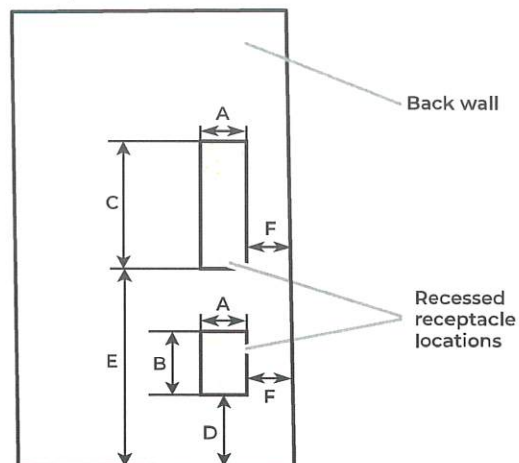
OPENING DIMENSIONS



NOTE: Make sure there is 3" (7.6 cm) space between beverage center and adjacent appliance/wall for door swing.

ELECTRICAL SUPPLY LOCATION

- Lighter yellow area indicates recommended recessed power outlet (located behind the beverage center).
- Power cord length is 5 ft (152.4 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.



Dimension - A	3" (7.55 cm)
Dimension - B	4 ¹ / ₂ " (11.37 cm)
Dimension - C	9 ¹ / ₄ " (23.47 cm)
Dimension - D	12 ¹ / ₁₆ " (30.64 cm)
Dimension - E	21 ³ / ₄ " (55.16 cm)
Dimension - F	1 ³ / ₄ " (4.44 cm)

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Catering
w water for
inside
SS



JENN-AIR® 42-INCH BUILT-IN FRENCH DOOR REFRIGERATOR

Signature Features

DARING OBSIDIAN INTERIOR

Inspired by volcanic glass, this industry-exclusive dark finish draws attention with high-contrast style. Fine foods and fresh produce emerge like vibrant art, with LED lighting showcasing your ingredients against the alluring interior.

MULTI-POINT CINEMATIC LIGHTING

Illuminate food items against the Daring Obsidian Interior. Breathtaking Multi-Point Cinematic Lighting ramps up in intensity as you open the door, acting as a lightbox to increase visibility and highlight your ingredients.

SMOOTH CLOSE CRISPER DRAWERS

Each crisper drawer within the refrigerator smoothly opens and closes quietly, even while fully loaded with produce and fresh ingredients.

FULLY FLUSH, FULLY INTEGRATED DESIGN

This integrated built-in refrigerator fits beautifully into any decor, blending into custom cabinetry with a truly seamless appearance, reflecting your appreciation for the fine details of design. Must be installed in a 25" deep cabinet to achieve the fully flush look.

CAPACITIVE TOUCH CONTROLS WITH LED DISPLAY

Independently command refrigerator and freezer temperatures with an integrated display that responds to your touch.

GLASS SHELVING

Showcase your ingredients with full-width glass and metal shelves. The crystal-clear glass allows light to filter through the substantial shelves, enhancing the visibility of everything inside the refrigerator.

PANEL READY

Allows the unit to be customized to match the surrounding cabinets with custom panels and handles.

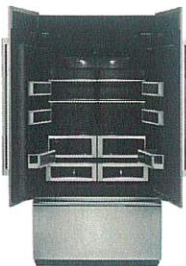
TWINFRESH™ CLIMATE CONTROL SYSTEM

This system creates two distinct environments, ideal for both fresh and frozen foods' different preservation needs. It creates cool, humid air in the refrigerator and produces dry, frigid air in the freezer.

PRODUCE PRESERVER

Helps delay over-ripening by absorbing ethylene gas produced by ripening fruits and vegetables. Let their taste endure, no matter where you want to store your produce.

JF42NXFXDE



Dimensions

- Cabinet Width: 104.14 cm
- Depth Closed Excluding Handles: 62.86 cm
- Depth Closed Including Handles: 69.53 cm
- Depth With Door Open 90 Degree: 111.12 cm
- Depth Excluding Doors: 59.69 cm
- Gross Weight: 269.89 kg
- Freezer Capacity Volume: 166.97 l

- Height: 211.14 cm
- Height To Top Of Cabinet: 211.14 cm
- Net Weight: 258.55 kg

- Refrigerator Capacity Volume: 16-7/10
- Width Doors Open 90 Degrees: 111.12 cm
- Width: 104.14 cm
- Depth: 69.53 cm
- Controls

- Automatic Defrost: Yes
- Control Location: Interior Up Front
- Control Type: Touch Panel

Technical Specifications

Details

- Design Expression: Panel-Ready
- Installation Configuration: Built-In
- Refrigeration Configuration: Refrigerator

Exterior Details

- Cabinet Finish: Smooth
- Counter Depth: Yes
- Door Color: Panel Ready
- Door Style: Flat
- Hidden Hinge: Yes

Certifications

- CEE Tier Rating: Not Rated
- ENERGY STAR Qualified: No

Refrigerator Details

- Pantry Drawer: No
- Refrigerator Lighting: Incandescent
- Spill-Proof Glass Shelves:
 - 1 Fixed Full-Width
 - 4 Adjustable Half-Width

Filter Details

- Fresh Flow Air Filter Included: No
- Water Filter Indicator/Reset: No
- Produce Preserver: No
- Water Filter Location: Exterior
- Water Filter Part Number: EDR3RXD1

Freezer Details

- Freezer Door Bins: No

Prop 65: Standard

Refrigerator Details

Conventional Shelves: No

Deli Drawer: No

Humidity-Controlled Crispers: None

Non Climate Control Drawers: 2 Half-Width

Number of Interior Shelves: 5

Refrigerator Door Bins:

- 2 Dairy
- 2 Fixed Gallon
- 4 Adjustable Full-Width

Freezer Drawer/Basket:

- 1 Full Width Lower Plastic
- 1 Half Width Upper Plastic

Freezer Lighting: Incandescent

Freezer Number of Shelves: 0

Freezer Shelves: No

Icemaker Details

Icemaker: Factory Installed

Icemaker Location: Freezer

Types of Ice: No

Dispenser Details

Dispenser Type: No Dispenser

Cooling Type: Dual Evaporator

LCD Touch Screen: No

Door Ajar/Open Alarm: Yes

Max Cool/Fast Cool: Yes


Sabbath Mode: Yes

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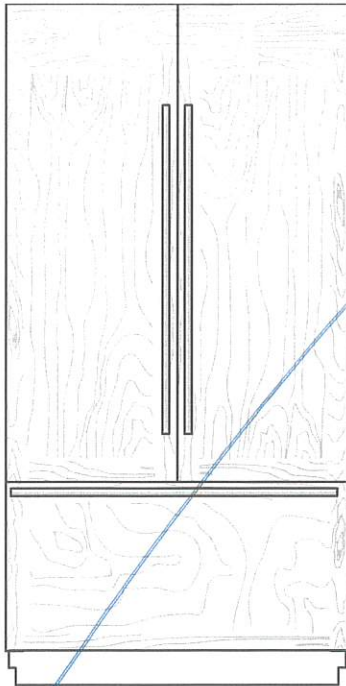
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36" AND 42" FRENCH DOOR MODELS

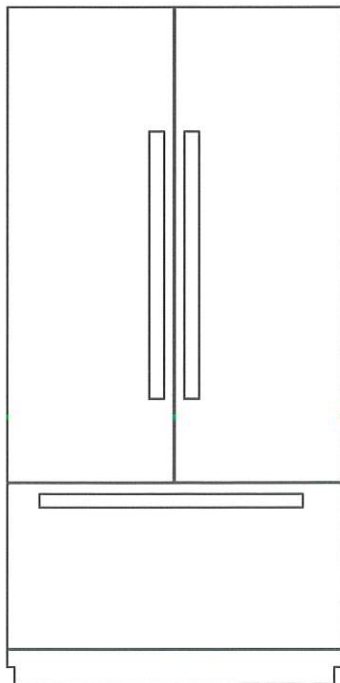


Custom-Made Panel Design

Features custom-made panels and custom hardware provided by the cabinetmaker for a seamless appearance designed to blend with existing kitchen cabinetry.

Base Model Numbers: JF42NXFXDE, JF36NXFXDE

ARMOIRE KIT NUMBER: W10663562, W10663564

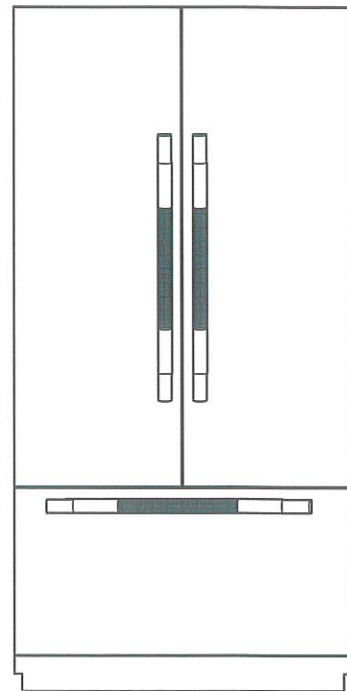


NOIR™ Stainless Design

Features stainless steel wrapped doors and new NOIR™ handles.

Base Model Numbers: JF42NXFXDE, JF36NXFXDE

Panel Kit Model Number: JBFFS42NHL, JBFFS36NHL



RISE™ Stainless Design

Features stainless steel wrapped doors and new RISE™ handles.

Base Model Numbers: JF42NXFXDE, JF36NXFXDE

Panel Kit Model Number: JBFFS42NHL, JBFFS36NHL

ACCESSORIES

All factory parts are available through JennAir dealer or by calling JennAir® at **1-800-JENNAIR (1-800-536-6247)**. In Canada, call **1-800-536-6247**.

DOOR HANDLE KITS

For custom wood overlay panels only, handle kits can be ordered. Follow the kit instructions for installation.

Handle Kits contain 3 handles per Kit.

IMPORTANT: These handle kits are not intended for use with stainless steel door panel kits.

RISE™ Stainless Steel—36" FDBM—W11231247

NOIR™ Stainless Steel—36" FDBM—W11194768

RISE™ Stainless Steel—42" FDBM—W11296021

NOIR™ Stainless Steel—42" FDBM—W11194769

ARMOIRE-STYLE DOOR PANEL KIT

Refer to the installation instructions that come with the Armoire kit, for custom wood overlay panel dimensions and installation details.

36" Model — W10663562

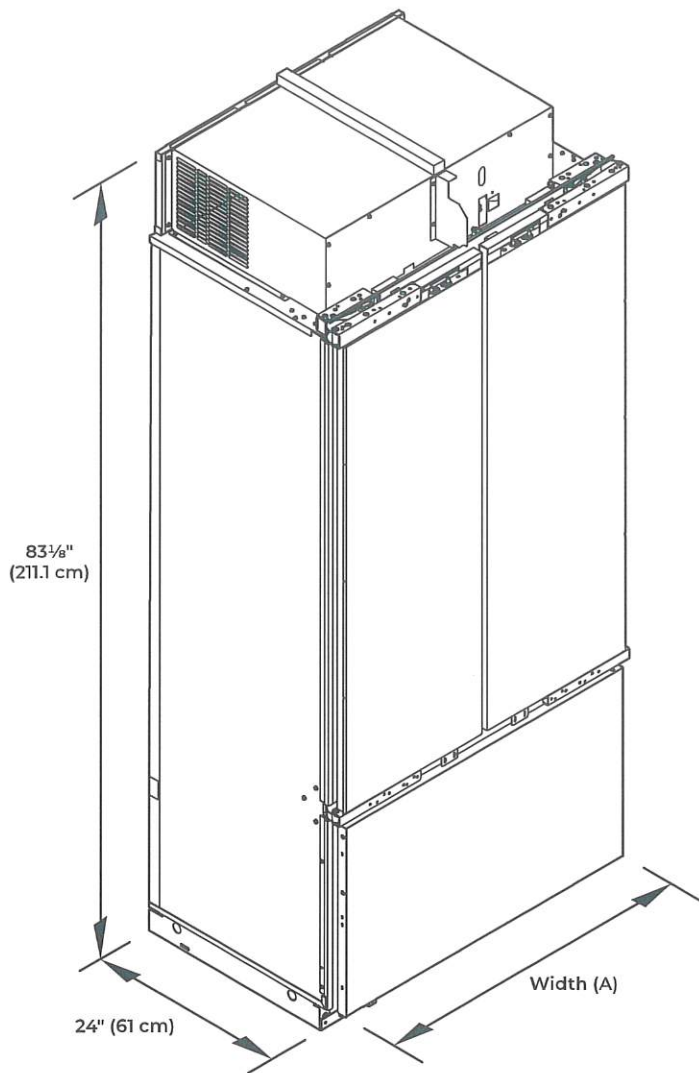
42" Model — W10663564

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FRENCH DOOR BOTTOM MOUNT MODELS



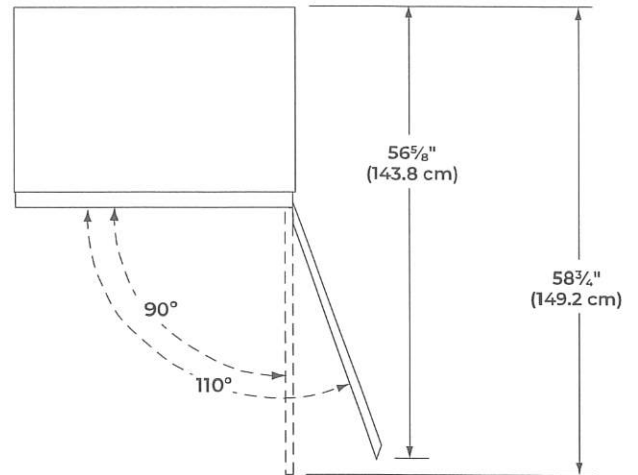
MODEL	WIDTH A (HINGE EDGE TO HINGE EDGE)
36	35 3/4" (90.8 cm)
42	41 3/4" (106 cm)

DOOR SWING DIMENSIONS

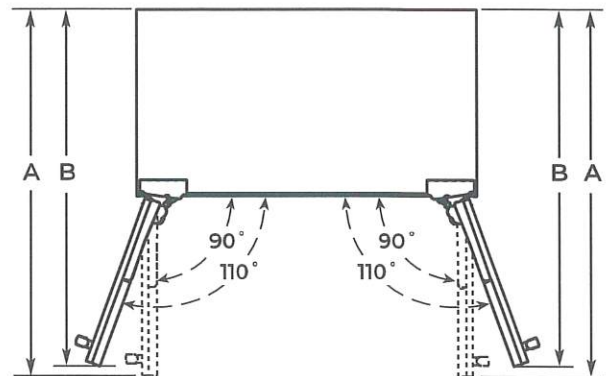
The location must permit both doors to open to a minimum of 90°. Allow 4 1/2" (11.4 cm) minimum space between the side of the refrigerator and a corner wall.

NOTE : More clearance may be required if you are using wood overlay panels, custom handles, or extended handles.

36" SINGLE DOOR MODEL



36" (91.4 CM) AND 42" (106.6 CM) FRENCH DOOR MODELS

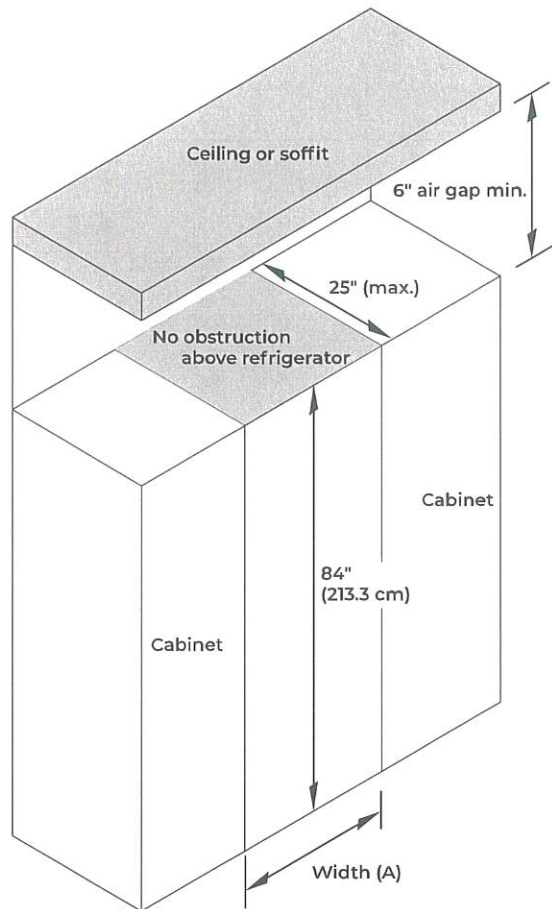


MODEL	A	B
36	41" (104 cm)	39 3/4" (101 cm)
42	44" (111.8 cm)	42 3/4" (108.6 cm)

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SITE PREPARATION

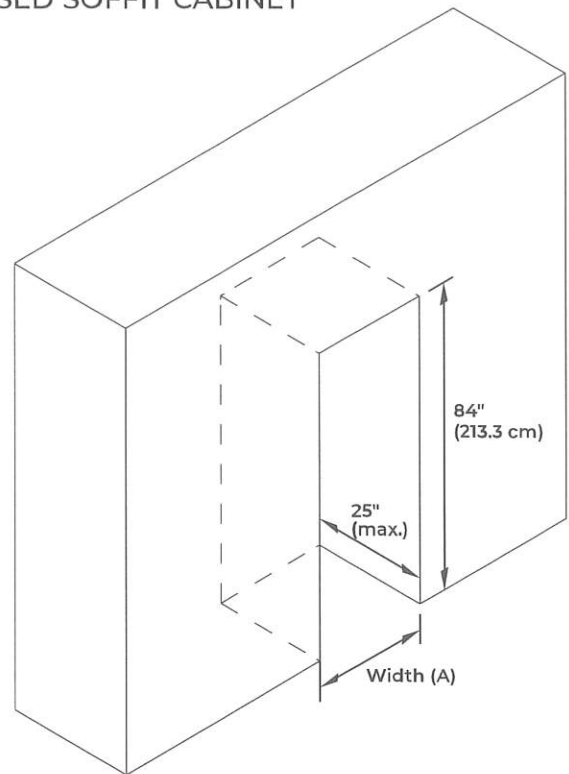
OPEN TO CEILING OR SOFFIT CABINET



MODEL	WIDTH A
36	36" (91.4 cm)
42	42" (106.7 cm)

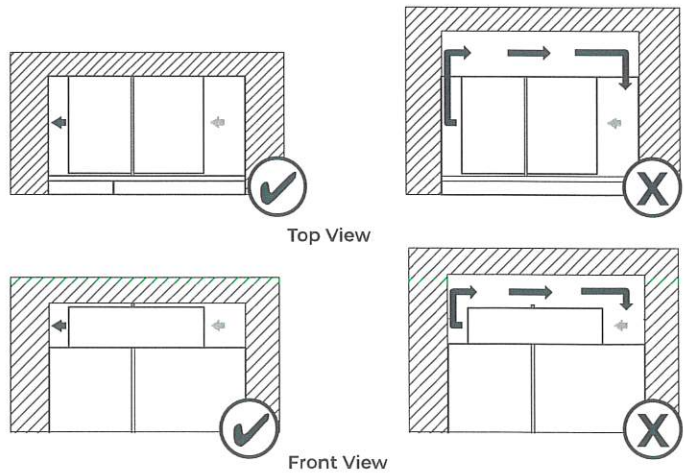
- These type of installations require a minimum of 6" (15.24 cm) of open space above the refrigerator. This space must not be blocked in any way, including soffits.
- Depth of cabinet must be less than 25" (63.5 cm).
- If your opening does not meet these requirements, you will need to make modifications.

CLOSED SOFFIT CABINET



MODEL	WIDTH A
36	36" (91.4 cm)
42	42" (106.7 cm)

- Depth of cabinet must be less than 25" (63.5 cm).
- Height of soffit must not exceed 84" (213.3 cm).
- Following illustrations explain the cabinet construction (soffit and rear wall positions) required for optimum ventilation and airflow.



Grey arrow = ambient air;

Black arrow = warm air

Cabinet depth 25" and soffit located at 84", provides proper airflow/ventilation to the refrigerator. Efficient cooling is achieved.

Cabinet depth more than 25" and/or soffit located at more than 84", causes air gap at back and/or top of the refrigerator. Air gap allows warm air recirculation causing loss in cooling efficiency.

- If your opening does not meet these requirements, you will need to make modifications.

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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, household use only.

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

- Staff kitchen areas in shops, offices 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.

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

IMPORTANT:

- Observe all governing codes and ordinances.
- It is recommended that you do not install the refrigerator near an oven, radiator, or other heat source.
- Do not install in a location where the temperature will fall below 13°C (55°F).
- Floor must support the refrigerator weight, more than 600 lbs (272 kg), door panels and contents of the refrigerator. Flooring under refrigerator must be at same level as the room. Face of cabinetry must be plumb.
- Location should permit door to open fully. See "Door Swing Dimensions."
- Location must permit top grille removal. See "Site Preparation."

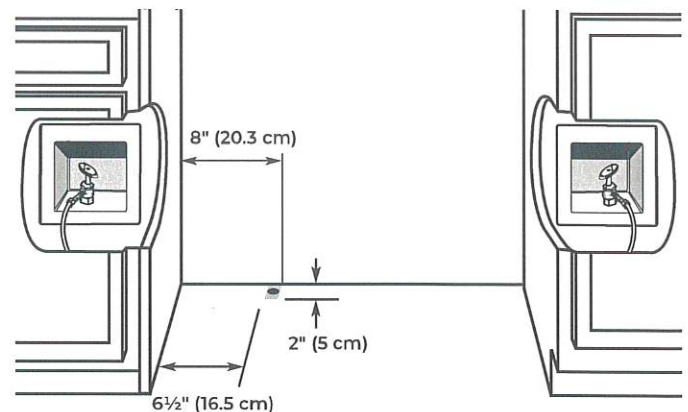
WATER SUPPLY REQUIREMENTS

IMPORTANT :

- All installations must meet local plumbing code requirements.
- Connect to potable water supply only.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

- There is not enough clearance to achieve a flush installation if a water shutoff valve is located in the wall behind the refrigerator.
- The water shutoff should be located in the base cabinet on either side of the refrigerator or some other easily accessible area. The water supply line, however, must come up through the floor in the gray shaded area shown.



- A 1/2" (12.7 mm) hole for plumbing should be drilled on the floor at least 6 1/2" (16.5 cm) from the left-hand side cabinet and should be no more than 2" (5 cm) away from the back wall. Refer above illustration for more details.
- The water supply connection is made at the front of the refrigerator.
- If additional tubing is needed, use copper tubing and check for leaks. Install the copper tubing only in areas where the household temperatures will remain above freezing.
- Do not use a piercing-type or 3/16" (4.76 mm) saddle valve which reduces water flow and also clogs more easily.

NOTE : Your refrigerator dealer has a kit available with a 1/4" (6.35 mm) saddle-type shutoff valve, a union, and copper tubing. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.

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WATER PRESSURE

A cold water supply with water pressure between 30 psi and 120 psi (207 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 supply coming out of a reverse osmosis system going to the water inlet valve of the refrigerator needs to be between 30 psi and 120 psi (207 kPa and 827 kPa).

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


If the water pressure to the reverse osmosis system is less than 40 psi to 60 psi (276 kPa to 414 kPa):

- Check to see whether the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- If your refrigerator has a water filter, it may further reduce the water pressure when used in conjunction with a reverse osmosis system. Remove the water filter cartridge.

If you have questions about your water pressure, call a licensed, qualified plumber.

ELECTRICAL REQUIREMENTS

⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3 prong outlet.

Do not remove ground prong.

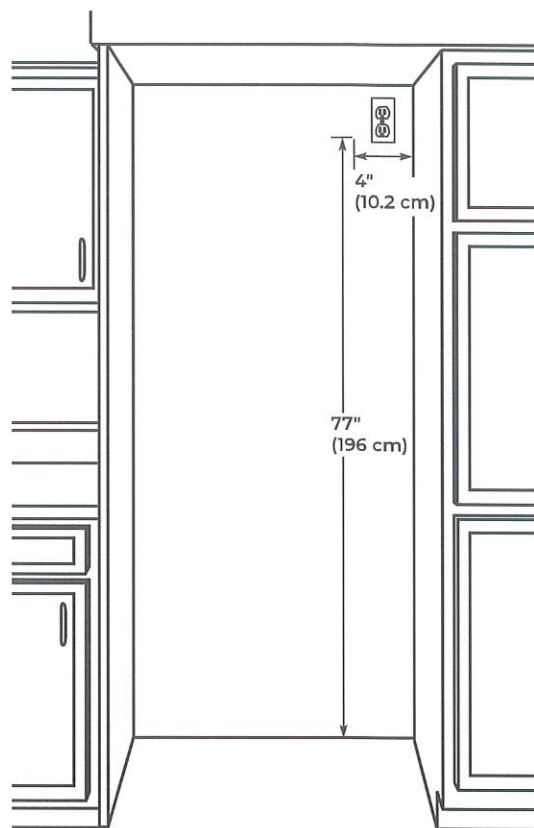
Do not use an adapter.

Do not use an extension cord.

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

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

A grounded 3 prong electrical outlet should be located within a specified number of inches from the right-hand side cabinets or end panel. See the chart following the illustration for the number of inches required for your model.



If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connection end.

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

IMPORTANT : If this product is connected to a GFCI (Ground Fault Circuit Interrupter) protected outlet, nuisance tripping of the power supply may occur, resulting in loss of cooling. Food quality and flavor may be affected. If nuisance tripping has occurred, and if the condition of the food appears poor, dispose of it.

NOTE : Before performing any type of installation or cleaning, remove the top grille and turn the master power switch to OFF or disconnect power at the circuit breaker box.

When you are finished, turn ON the master power switch or reconnect power at the circuit breaker box. Then reset the control to the desired setting.

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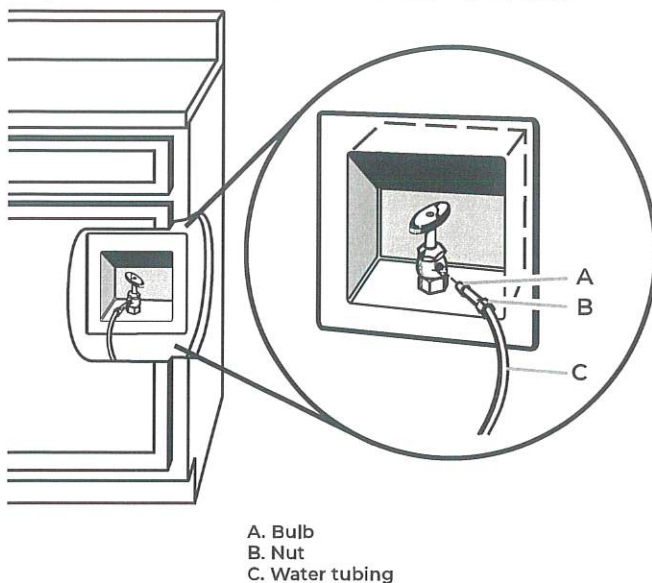
STYLE 1—SHUTOFF VALVE CONNECTION

NOTE : If your water line connection does not look like Style 1, see "Style 2—Copper Line Connection."

1. Unplug refrigerator or disconnect power supply.

IMPORTANT :

- There is not enough clearance to achieve a flush installation if a water shutoff valve is located in the wall behind the refrigerator. The water shutoff should be located in the base cabinet on either side of the refrigerator.
 - Before attaching the tubing to shutoff valve, flush the main water supply line to remove particles and air in the water line. Allow enough flow so that water becomes clear. Flushing the water line may help avoid filters and/or water valves from becoming clogged.
2. Connect the flexible, codes-approved water supply line to the water shutoff valve by threading the provided nut onto the shutoff valve as shown.



3. Place the end of the tubing into a bucket, and turn shutoff valve ON.
4. Check for leaks. Tighten any nuts or connections (including connections at the valve) that leak.

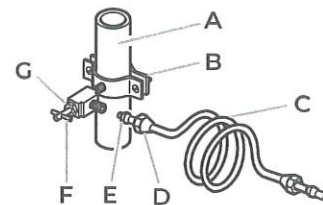
STYLE 2—COPPER LINE CONNECTION

NOTE : If there is a water supply line that meets the specifications in "Water Supply Requirements," proceed to "Connecting to Refrigerator." If not, use the following instructions to connect to the household cold water supply.

1. Unplug refrigerator or disconnect power.
2. Turn OFF main water supply. Turn ON nearest faucet long enough to clear line of water.
3. Locate a 1/2" to 1 1/4" (1.3 cm to 3.18 cm) vertical cold water pipe near the refrigerator.

IMPORTANT :

- Make sure it is a cold water pipe.
 - Horizontal pipe will work, but drill on the top side of the pipe, not the bottom. This will help keep water away from the drill and keep normal sediment from collecting in the valve.
4. Determine the length of copper tubing you need. Measure from the connection on the refrigerator to the water pipe. Add 7 ft (2.1 m) to allow for cleaning. Use 1/4" (6.35 mm) O.D. (outside diameter) copper tubing. Be sure both ends of copper tubing are cut square.
 5. Using a cordless drill, drill a 1/4" (6.35 mm) hole in the cold water pipe you have selected.



6. Fasten the shutoff valve to the cold water pipe with the pipe clamp. Be sure the outlet end is solidly in the 1/4" (6.35 mm) drilled hole in the water pipe and that the washer is under the pipe clamp. Tighten the packing nut. Tighten the pipe clamp screws slowly and evenly so washer makes a watertight seal. Do not overtighten.

IMPORTANT : Before attaching the tubing to shutoff valve, flush the main water supply line to remove particles and air in the water line. Allow enough flow so that water becomes clear. Flushing the water line may help avoid filters and/or water valves from becoming clogged.

7. Slip the compression sleeve and compression nut on the copper tubing as shown. Insert the end of the tubing into the outlet end squarely as far as it will go. Screw compression nut onto outlet end with adjustable wrench. Do not overtighten the clamp or the sleeve. This will crush the copper tubing.
8. Turn off the shutoff valve on the water pipe. Coil the copper tubing.
9. Connect the flexible, codes-approved water supply line to the water shutoff valve by threading the provided nut onto the shutoff valve.
10. Place the end of the tubing into a bucket, and turn shutoff valve ON.
11. Check for leaks around the saddle valve. Tighten any nuts or connections (including connections at the valve) that leak.

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RISE™ 48" BUILT-IN SIDE-BY-SIDE REFRIGERATOR WITH EXTERNAL ICE AND WATER DISPENSER

Signature Features

DARING OBSIDIAN INTERIOR

Inspired by volcanic glass, this industry-exclusive dark finish draws attention with high-contrast style. Fine foods and fresh produce emerge like vibrant art, with LED lighting showcasing your ingredients against the alluring interior.

PRECISION TEMPERATURE MANAGEMENT™ SYSTEM

Electronically controlled sensors monitor the environment, automatically adjusting temperatures to maintain the ideal level for optimal food preservation.

SMOOTH CLOSE CRISPER DRAWERS

Each crisper drawer within the refrigerator smoothly opens and closes quietly, even while fully loaded with produce and fresh ingredients.

MULTI-POINT CINEMATIC LIGHTING

Illuminate food items against the Daring Obsidian Interior. Breathtaking Multi-Point Cinematic Lighting ramps up in intensity as you open the door to increase visibility and highlight your ingredients.

QUIETEST LUXURY BUILT-IN SIDE-BY-SIDE REFRIGERATOR

Running at 39 dBA, this refrigerator line-up has the quietest luxury built-in side-by-side refrigerators. With no abrupt start or stop cycles, this refrigerator fades into the background and becomes an unobtrusive piece of your kitchen.

RISE™ CUSTOM-KNURLED HANDLE

Forged for an era of striking proportions, robust lines draw the eye and an asymmetrical, diamond-knurled texture wraps around a strong, postured handle.

EXTERNAL ICE AND WATER DISPENSER

Fill your glass with fresh ice and water from a dispenser conveniently located in the door.

SOLID GLASS AND METAL

Each crisper drawer, shelf and door bin in the refrigerator is made up of solid glass and metal, reflecting and diffusing light against the Obsidian interior to enhance the visibility of your items. Each carefully chosen material is naturally durable and odor resistant.

GLASS SHELVING

Showcase your ingredients with full-width glass and metal shelves. The clear glass allows light to filter through the substantial shelves, enhancing the visibility of everything inside the refrigerator.

JBSS48E22L



Dimensions

- Depth Closed Excluding Handles: 63.50 cm
- Depth Closed Including Handles: 70.33 cm
- Depth With Door Open 90 Degree: 128.75 cm
- Depth Excluding Doors: 56.83 cm
- Gross Weight: 305.27 kg
- Height: 211.77 cm
- Height To Top Of Cabinet: 189.23 cm
- Net Weight: 280.77 kg

- Total Refrigerator Capacity Volume: 832.02 l
- Refrigerator Capacity Volume: 19-1/10
- Width Doors Open 90 Degrees: 128.75 cm
- Width: 122.87 cm

Depth: 70.48 cm

Controls

- Automatic Defrost: Yes
- Control Location: Exterior
- Control Type: Electronic

LCD Touch Screen: No

Technical Specifications

Exterior Details

- Cabinet Color: Grey
- Cabinet Finish: Smooth
- Door Color: Stainless Steel
- Door Finish: Smooth
- Door Style: Flat
- Handle Color: Stainless Steel
- Handle Material: Metal
- Handle Type: Reach-Through Handle
- Hidden Hinge: Yes

Details

- Design Expression: RISE™
- Refrigerator Type: Side-by-Side

Filter Details

- Fresh Flow Air Filter Included: No
- Water Filter Indicator/Reset: Yes
- Produce Preserver: Yes
- Water Filter Location: Exterior

Icemaker Details

- Icemaker: Factory Installed
- Icemaker Location: Freezer

Refrigerator Details

- Non Climate Control Drawers: 2 Full-Width
- Number of Doors: 2
- Number of Interior Shelves: 4
- Refrigerator Door Bins:

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Freezer Details

Freezer Door Bins: 3 Adjustable Full-Width

Freezer Drawer/Basket: 2 Full Width Lower

Freezer Lighting: LED

Freezer Number of Shelves: 6

Freezer Shelves:

- 2 Adjustable Full-Width Wire
- 4 Adjustable Full-Width Wire

Certifications

CEE Tier Rating: Tier I

ENERGY STAR Qualified: ENERGY STAR®
Qualified

Star K Certified: Yes

Prop 65: Standard

Filter Details

Air Filter Indicator/Reset: No

- 1 Full-Width Gallon
- 3 Adjustable Full-Width

Refrigerator Lighting: LED

Spill-Proof Glass Shelves: 4 Adjustable Full-Width

Smart Compatibility

Connectivity: No

Works With: No

Dispenser Details

Dispenser Options:

- Filtered Water
- Ice
- Ice Dispenser Lock
- Light
- Measured Fill

Dispenser Type: Exterior Ice and Water

Door Ajar/Open Alarm: Yes

Max Cool/Fast Cool: Yes

Sabbath Mode: Yes

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VARIANTS AND ACCESSORIES

42" MODELS



RISE™ Design

Features stainless steel wrapped doors and RISE™ handles with diamond-etched grip.

JBSS42E22L

48" MODELS



RISE™ Design

Features stainless steel wrapped doors and RISE™ handles with diamond-etched grip.

JBSS48E22L

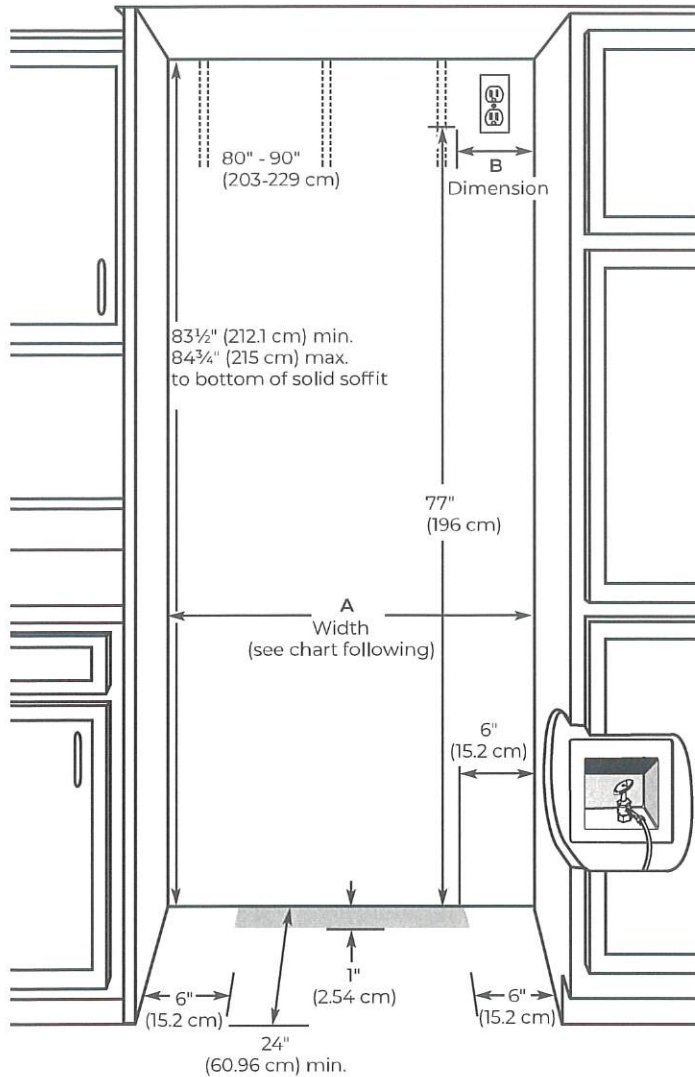
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- The water shutoff should be located in the base cabinet on either side of the refrigerator or some other easily accessible area. If the water shutoff valve is not in the cabinets, the plumbing for the water line can come through the floor. See "Water Supply Requirements" for more information.



Model	Width A (as shown above)	Dimension B (as shown above)
42	41½" to 41¾" (105.4 cm to 106.1 cm)	7½" (19.1 cm)
48	47½" to 47¾" (120.7 cm to 121.3 cm)	13½" (34.3 cm)

NOTE: Flooring under refrigerator must be at same level as the room. Face of cabinetry must be plumb.

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 refrigerator into its final location, it is important to make sure you have the proper electrical connection.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connection end.

RECOMMENDED GROUNDING METHOD

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

IMPORTANT: If this product is connected to a GFCI (Ground Fault Circuit Interrupter) protected outlet, nuisance tripping of the power supply may occur, resulting in loss of cooling. Food quality and flavor may be affected. If nuisance tripping has occurred, and if the condition of the food appears poor, dispose of it.

NOTE: Before performing any type of installation or cleaning, remove the top grille and turn the master power switch to OFF or disconnect power at the circuit breaker box.

When you are finished, turn ON the master power switch or reconnect power at the circuit breaker box. Then reset the control to the desired setting.

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WATER SUPPLY REQUIREMENTS

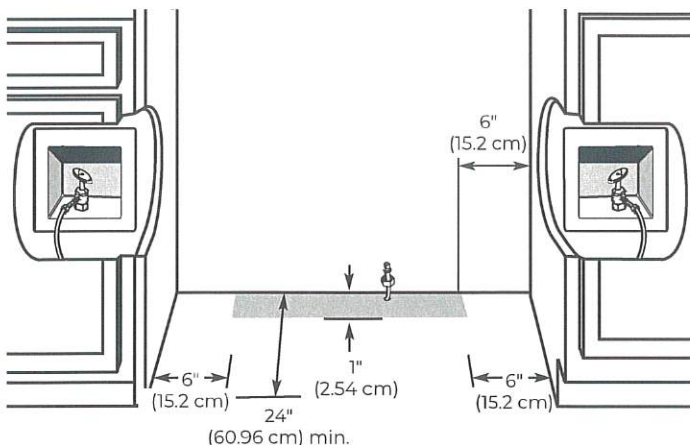
IMPORTANT:

- All installations must meet local plumbing code requirements.
- Connect to potable water supply only.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

- The water shutoff should be located in the base cabinet on either side of the refrigerator or some other easily accessible area. The water supply line, however, must come up through the floor in the gray shaded area shown.

NOTE: If the water shutoff valve is in the back wall behind the refrigerator, it must be at an angle so that the tube is not kinked when the refrigerator is pushed into its final location.



- If the water shutoff valve is not in the cabinets, the plumbing for the water line can come through the floor. A 1/2" (12.7 mm) hole for plumbing should be drilled at least 6" (15.2 cm) from the right-hand or left-hand side cabinet or panel. On the floor, the hole should be no more than 1" (2.54 cm) away from the back wall. See "Connect the Water Supply."
- If additional tubing is needed, use copper tubing and check for leaks. Install the copper tubing only in areas where the household temperatures will remain above freezing.
- Do not use a piercing-type or 3/16" (4.76 mm) saddle valve which reduces water flow and also clogs more easily.

NOTE: Your refrigerator dealer has a kit available with a 1/4" (6.35 mm) saddle-type shutoff valve, a union, and copper tubing. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes.

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. If you have questions about your water pressure, call a licensed, qualified plumber.

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 30 psi and 120 psi (207 kPa and 827 kPa).

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

If the water pressure to the reverse osmosis system is less than 40 psi to 60 psi (276 kPa to 414 kPa):

- Check to see whether the sediment filter in the reverse osmosis system is blocked. Replace the filter if necessary.
- Allow the storage tank on the reverse osmosis system to refill after heavy usage.
- If your refrigerator has a water filter, it may further reduce the water pressure when used in conjunction with a reverse osmosis system. Remove the water filter cartridge.

If you have questions about your water pressure, call a licensed, qualified plumber.

WATER PRESSURE

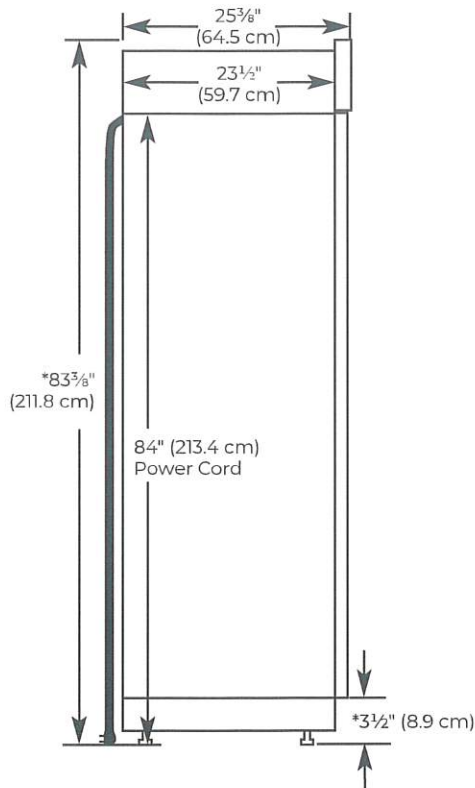
A cold water supply with water pressure between 30 psi and 120 psi (207 kPa and 827 kPa) is required to operate the water dispenser and ice maker. If you have questions about your water pressure, call a licensed, qualified plumber.

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PRODUCT DIMENSIONS

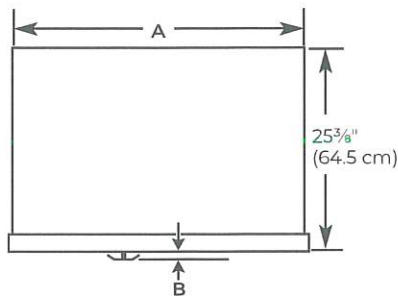
SIDE VIEW

- The depth from the front of the top grille to the back of the refrigerator cabinet is 25³/₈" (64.5 cm).
- The power cord is 84" (213 cm) long.
- The water line attached to the back of the refrigerator is 5 ft (1.5 m) long.
- Height dimensions are shown with leveling legs extended 1/8" (3 mm) below the rollers.



*When leveling legs are fully extended to 1¹/₄" (3.2 cm) below rollers, add 1¹/₈" (2.9 cm) to the height dimensions.

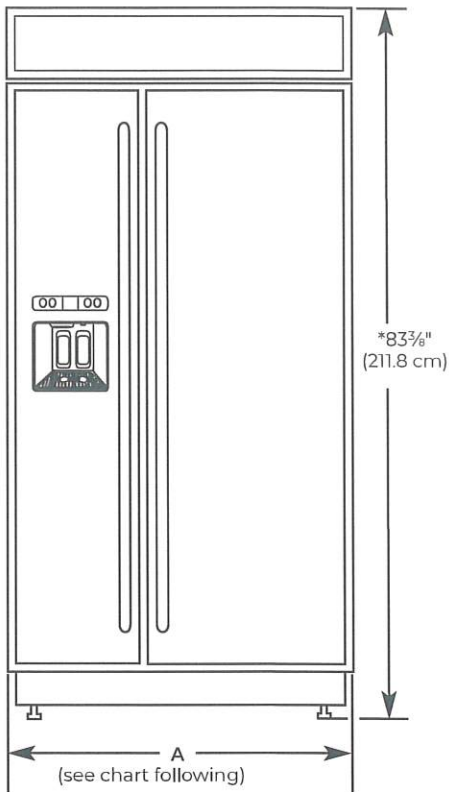
TOP VIEW



Model	A	B
42 Euro-Style	41" (104.1 cm)	2 ¹ / ₈ " (5.3 cm)
48 Euro-Style	47" (119.4 cm)	2 ¹ / ₈ " (5.3 cm)
42 RISE™	41" (104.1 cm)	2 ⁵ / ₈ " (6.67 cm)
48 RISE™	47" (119.4 cm)	2 ⁵ / ₈ " (6.67 cm)

FRONT VIEW

- Width dimensions were measured from trim edge to trim edge.
- Height dimensions are shown with leveling legs extended 1/8" (3 mm) below the rollers.



Model	Tipping Radius A
42	42 ⁵ / ₁₆ " (107.5 cm)
48	48 ³ / ₈ " (122.8 cm)

*When leveling legs are fully extended to 1¹/₄" (3.2 cm) below rollers, add 1¹/₈" (2.9 cm) to the height dimensions.

DOOR SWING DIMENSIONS

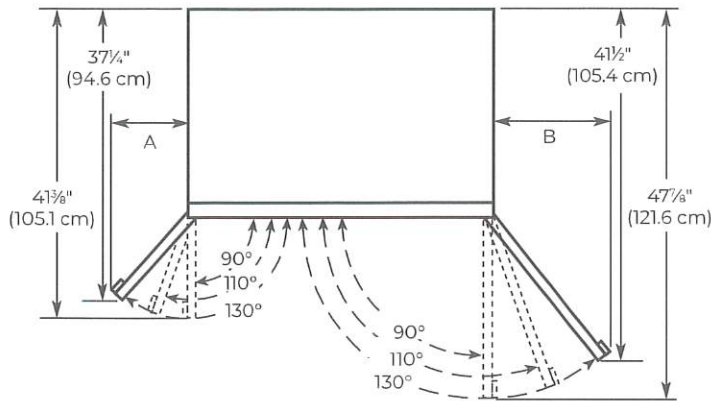
The location must permit both doors to open to a minimum of 90°. Allow 4¹/₂" (11.4 cm) minimum space between the side of the refrigerator and a corner wall.

NOTE: More clearance may be required if you are using overlay panels, custom handles, or extended handles.

To adjust the door swing, see "Adjust Doors."

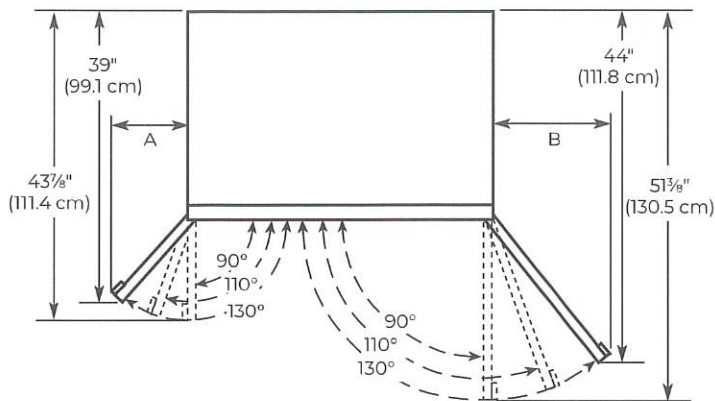
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42" (106.7 CM) MODELS



Model	A	B
RISE™	10 ³ / ₄ " (27.11 cm)	14 ¹ / ₄ " (36.11 cm)
Euro	10 ¹ / ₄ " (25.87 cm)	13 ³ / ₄ " (34.88 cm)

48" (121.9 CM) MODELS



Model	A	B
RISE™	12 ³ / ₁₆ " (30.84 cm)	16 ¹ / ₄ " (41.16 cm)
Euro	11 ⁵ / ₈ " (29.43 cm)	15 ¹¹ / ₁₆ " (39.75 cm)

CUSTOM SIDE PANELS

Custom side panels may be needed when not enough space is available to have cabinets on both sides of the refrigerator or when the refrigerator is placed at the end of a cabinet run.

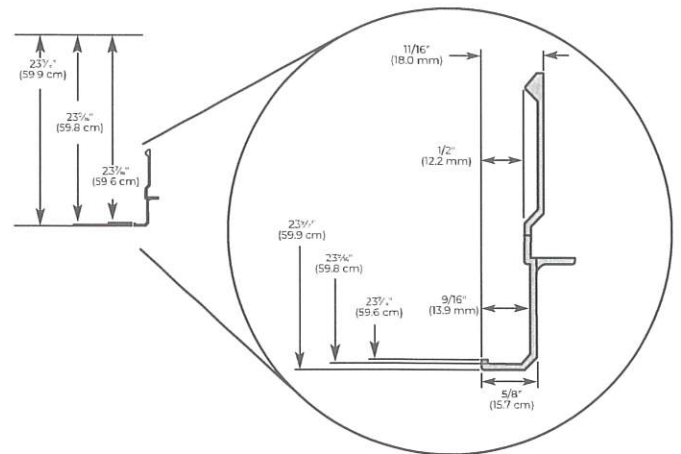
REFRIGERATOR AND SIDE TRIM DIMENSIONS

The width and height of a side panel are determined by the type of installation you are planning.

NOTES:

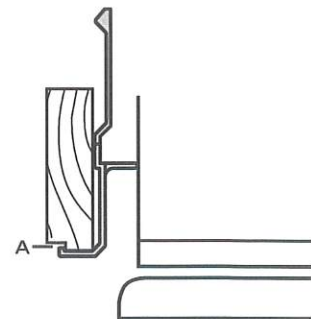
- The dimensions shown are actual product dimensions and may not reflect the needed panel installation dimensions.
- The side panel should be a minimum of 1/2" (1.27 cm) thick to avoid warping.
- If the opening depth is 25" (63.5 cm) or more, you may want to install a support board on rear wall.

SIDE TRIM



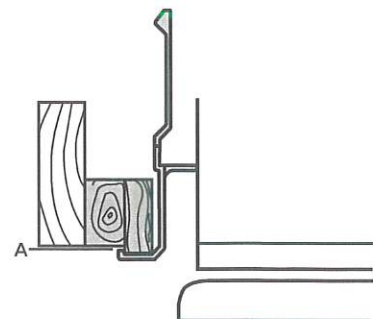
INSTALLATION DIMENSIONS (OPTION 1)

1. Measure the distance from point A (as shown) to the back wall. Add 1/16" (1.6 mm) to this measurement to allow the side panel to fit into the trim.
2. If the panel is more than 5/16" (8.7 mm) thick, route the front edge to allow the side panel to fit into the trim.



INSTALLATION DIMENSIONS (OPTION 2)

1. Measure the distance from point A (as shown) to back wall.
2. Route the front edge of the support board or attach a 3/8" (9.5 mm) board to hold the panel in the cabinet side trim.



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RISE™ 30" MICROWAVE/WALL OVEN WITH MULTIMODE® CONVECTION SYSTEM

Signature Features

MULTIMODE® CONVECTION SYSTEM

Steady heat is circulated by whirling metal blades, weaving around every flat tine. Wield your cooking prowess from marbled meats to succulent roasts.

TEMPERATURE PROBE

Know when dinner is done without ever opening the door. 4 points of contact deliver temperature readings visible on the LCD screen.

IRRESISTIBLE INTERIOR

Captivation cloaked in black. Beyond a dark glass expanse, cinematic lighting illuminates smooth racks, flat tines, and an enticing jet black interior.

4.3-INCH FULL COLOR LCD DISPLAY

A highly interactive, full-color LCD touchscreen is packed with dynamic features that allow you to navigate effortlessly through settings and cooking options including temperature and cooking mode.

SPEED-COOK

Renounce accepted limitations of the microwave. Three potent methods converge to deliver convection's steady heat, microwave speed and broiled caramelization in each oven-caliber bite.

CONVECTION & MICROWAVE COMBINATION COOKING

Let your appetite run wild—broil, bake or warm with convection and microwave energy.

GLIDE RACK

Smooth moves. Glides in and out fluidly and quietly, even when fully loaded.

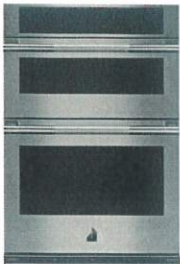
MY CREATIONS

Curate recipe presets at will. Bake for 30 minutes, broil for 4 and keep dishes warm until you're ready to dine—all without lifting a finger.

CINEMATIC LIGHTING

Lights, camera, cook. Halogen lighting increases to full intensity, minimizing shadows and dramatically showcasing food.

JMW2430LL



Dimensions

- Depth: 59.06 cm
- Depth Closed Excluding Handles: 61.76 cm
- Depth Excluding Doors: 58.42 cm
- Depth With Door Open 90 Degree: 115.41 cm
- Gross Weight: 128.82 kg
- Height: 111.12 cm
- Net Weight: 118.84 kg
- Oven Capacity: 141.50 l
- Oven Interior Depth: 48.26 cm
- Oven Interior Height: 45.72 cm
- Oven Interior Width: 63.50 cm
- Width: 76.20 cm
- Common Size: 30

Controls

- Control Type: Tap Touch
- Display Color: Full Color
- Electronic Display Type: LCD Touch Screen
- Language Conversion: English/French

Technical Specifications

Exterior Details

- Door Lock: Yes
- Door Type: Metal & Glass
- Handle Color: Stainless Steel
- Handle Material: Metal

Details

- Convection Power:
 - 900 W
 - 900 W
- Design Expression: RISE™
- Flush Installation Approved: Yes
- Fuel Type: Electric
- Grill: Yes
- Turntable: Stoppable
- Oven Cavity Details

Bake Element Power: 2800W/2427W

Oven Cavity Details

- Door Broil Position: Closed
- Hidden Bake Element: Yes
- Interior Color: Black
- Number of Oven Lights: 2
- Number of Oven Racks: 3
- Number of Rack Guides: 6
- Oven Cleaning Type: Self-Cleaning
- Oven Cooking System: Convection
- Oven Light Type: Halogen
- Self-Cleaning Oven Racks: No

Door Lock: Yes

Certifications

Prop 65: Standard

Microwave Details

Broiler Element Power: 4000W

Broiler Location: Top of Oven

Convection Element Type: Single Fan

Convection Element Power:

- 3200 W
- 3200 W

Convection: Yes

Convection Functions: Bake, Broil, and Roast

Cooking Power:

- 900 W
- 900 W

Door Release: Handle

Grill Power:

- 1,600 W
- 1,600 W

Microwave Capacity:

- 39.62 l
- 1.4 l

Microwave Interior Light: Incandescent

Sensor Cooking: Yes - Microwave

Turntable Diameter Size:

- 35.88 cm
- 14-1/8 cm

Grill: Yes

Microwave Selections:

- Add 30 Seconds
- Auto Cook
- Beverage
- Boil & Simmer
- Control Lock
- Convect
- Cook
- Cook Power
- Cook Time
- Crisp Pan
- Defrost
- Dinner Plate
- Easy Convect
- End of Cycle Signal
- Fresh Vegetable
- Frozen Entree
- Frozen Vegetable
- Grill
- Keep Warm
- My Creations
- O

Electrical

Power Cord Included: No

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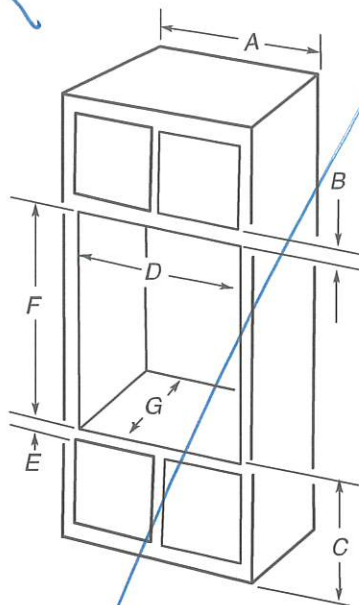
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Cabinet Dimensions — Built-in Microwave/Oven Combination Standard Installation



27" (68.6 cm) models

- A. 27" (68.6 cm) minimum cabinet width
- B. 2 1/4" (5.7 cm) top of cutout to bottom of upper cabinet door
- C. 19 1/4" (48.9 cm) bottom of cutout to floor is recommended.
7"-19 1/4" (17.8-48.9 cm) bottom of cutout to floor is acceptable.
- D. 25 1/2" (64.8 cm) minimum cutout width
- E. 1 1/2" (3.8 cm) minimum bottom of cutout to top of cabinet door
- F. 41 5/16" (105 cm)* recommended cutout height
- G. 24" (60.7 cm) cutout depth

30" (76.2 cm) models

- A. 30" (76.2 cm) minimum cabinet width
- B. 2 1/4" (5.7 cm) top of cutout to bottom of upper cabinet door
- C. 19 1/4" (48.9 cm) bottom of cutout to floor is recommended.
7"-19 1/4" (17.8-48.9 cm) bottom of cutout to floor is acceptable.
- D. 28 1/2" (72.4 cm) minimum cutout width
- E. 1 1/2" (3.8 cm) minimum bottom of cutout to top of cabinet door
- F. 41 5/16" (105 cm)* recommended cutout height
- G. 24" (60.7 cm) cutout depth

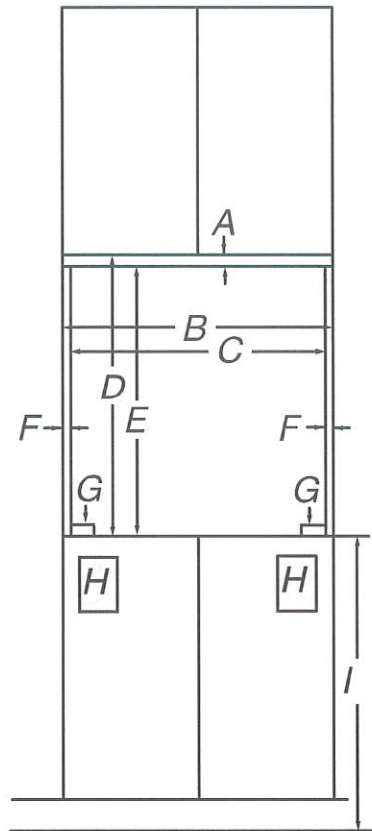
***NOTE:** The cutout height can be between 41 1/8" (104.5 cm) and 41 7/8" (106.3 cm) for microwave/oven combination.

* Flush Installation

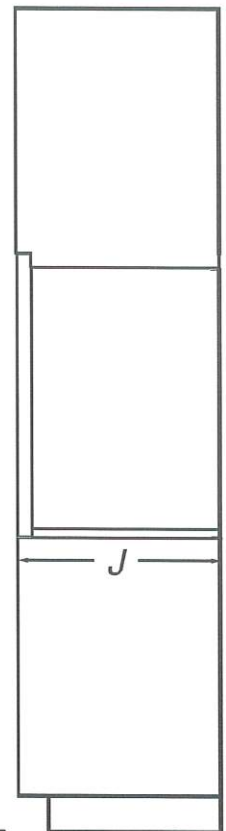
A 25" (63.5 cm) minimum cutout depth is required.

The front face of the cleats and platform will be visible and should be treated as a finished surface.

Front View



Side View



27" (68.6 cm) models

- A. 3/4" (1.9 cm) top cleat*
- B. 27 1/4" (69.2 cm) minimum width of flush inset cutout*
- C. 25 7/8" (65.7 cm) minimum width of opening
- D. 44 5/16" (112.5 cm) minimum height of flush inset cutout
- E. 43 9/16" (110.6 cm) recommended cutout height
- F. 11/16" (1.7 cm) side cleat*
- G. 1/4" (0.6 cm) recommended with foot. 15/16" to 1 5/16" (2.3 cm to 3.5 cm) allowable without foot.**
- H. Recommended junction box location
- I. 4 5/8"-19 1/4" (11.7-48.9 cm) bottom of cutout to floor
- J. 25" (63.5 cm) minimum depth of cutout



30" (76.2 cm) models

- A. 3/4" (1.9 cm) top cleat*
- B. 30 1/4" (76.8 cm) minimum width of flush inset cutout*
- C. 28 7/8" (73.3 cm) minimum width of opening
- D. 44 5/16" (112.5 cm) minimum height of flush inset cutout
- E. 43 9/16" (110.6 cm) recommended cutout height
- F. 11/16" (1.7 cm) side cleat*
- G. 1/4" (0.6 cm) recommended with foot. 15/16" to 1 5/16" (2.3 cm to 3.5 cm) allowable without foot.**
- H. Recommended junction box location
- I. 4 5/8"-19 1/4" (11.7-48.9 cm) bottom of cutout to floor
- J. 25" (63.5 cm) minimum depth of cutout

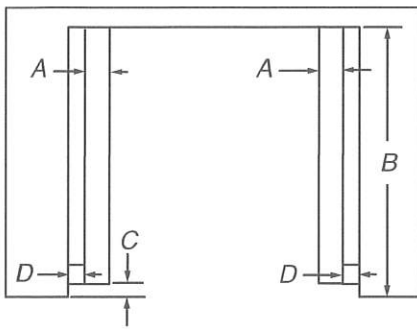
*These dimensions will lead to side gaps of 1/4" (0.6 cm).

**Top and bottom gaps will be 3/8" (0.9 cm) gap above the 1/8" (0.3 cm) gap below the product. Top and bottom gaps not required for Installation. Expose areas of the cabinet should be finished to match.

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MAY 10 2024

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Top View

27" (68.6 cm) models

- A. 2" (5.1 cm) spacer the entire depth of the cutout*
- B. 25" (63.5 cm) depth of cutout
- C. 1 1/2" (3.5 cm) recess from front of cabinet
- D. 7/8" (2.2 cm) side cleat*

30" (76.2 cm) models

- A. 2" (5.1 cm) spacer the entire depth of the cutout*
- B. 25" (63.5 cm) depth of cutout
- C. 1 1/2" (3.5 cm) recess from front of cabinet
- D. 7/8" (2.2 cm) side cleat*

*Cleats and spacers must be recessed 1 3/8" (3.5 cm) from the front of the cabinet.

Electrical Requirements

⚠ WARNING



Electrical Shock Hazard

Electrically ground appliance.

Failure to do so could result in death, fire, or electrical shock.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path and the wire gauge are in accordance with local codes.

Check with a qualified electrical installer if you are not sure the oven is properly grounded.

This oven must be connected to a grounded metal, permanent wiring system.

Be sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/NFPA 70-latest edition or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. O-M91-latest edition, and all local codes and ordinances.

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

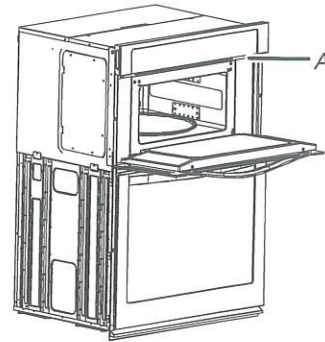
National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

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

Electrical Connection

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

- Oven must be connected to the proper electrical voltage, amperage, and frequency as specified on the model/serial/rating plate. See the following illustration.



A. Model/serial/rating plate

- Models rated from 7.3 to 9.6 kW at 240 V (6.3 to 8.3 kW at 208 V) require a separate 40 A circuit. Models rated from 4.9 to 7.2 kW at 240 V (4.3 to 6.2 kW at 208 V) require a separate 30 A circuit. Models rated at 4.8 kW and below at 240 V (4.2 kW and below at 208 V) require a separate 20 A circuit.
- A circuit breaker is recommended.
- Connect directly to the fused disconnect (or circuit breaker box) through flexible, armored or nonmetallic sheathed, copper cable (with grounding wire). See the "Make Electrical Connection" section.
- Flexible conduit from the oven should be connected directly to the junction box.
- Do not cut the conduit. The length of conduit provided is for serviceability of the oven.
- A UL listed or CSA approved conduit connector must be provided.
- 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.
Be sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/NFPA 70-latest edition or CSA Standards C22.1-94, Canadian Electrical Code, Part 1 and C22.2 No. O-M91-latest edition, and all local codes and ordinances. A copy of the above code standards can be obtained from:

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1 Batterymarch Park
Quincy, MA 02169-7471

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

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Kitchen



48" CUSTOM HOOD LINER

Signature Features

3-SPEED HIDDEN SLIDE CONTROL

Makes it easy to adjust fan speed while cooking and matches your kitchen style with a clean look.

FOUR LED LIGHTS WITH NIGHT LIGHT SETTING

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.

585-1170 CFM MOTOR CLASS

provides powerful airflow to match the high performance of commercial-style ranges and rangetops. This hood can be installed with your choice of a 585 or 1170 CFM motor (sold separately).

REMOVABLE FILTERS

Use multiple layers of screening to help capture the grease, steam and odors of high-heat cooking. Filters are removable for easy cleaning with soap and water.

105,000 BTU RATING

Pairs with KitchenAid® Commercial-Style Ranges, Rangetops and other models with total burner outputs up to 105,000 BTU.

KITCHENAID® CUSTOM HOOD LINERS

KitchenAid® Custom Hood Liners allow you to conceal ventilation within custom cabinetry or a decorative hood cover, creating a style all your own.

UVL6048JSS



Dimensions

Canopy Height: 29.21 cm

Depth: 55.88 cm

Gross Weight: 24.00 kg

Net Weight: 15.20 kg

Controls

Control Type: Slide Controls

Control Location: Hidden

Technical Specifications

Ventilation Details

Auto Function: No
BTU Threshold: 65K/105K
Duct Direction: Vertical
Duct Length: 13
Duct Type: Round
Filters: Grease Filters
Night Light: No
Task Light Type: LED

Ventilation Details

Vent Fan Location: Side
Venting: Exterior
Certifications

Energy Star Qualified: No
Prop 65: Standard
Star K Certified: No
Details

Hood Type: Under Cabinet

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KitchenAid®

36" (91.4 CM) AND 48" (121.9 CM) HOOD LINER

Installation Instructions and Use and Care Guide

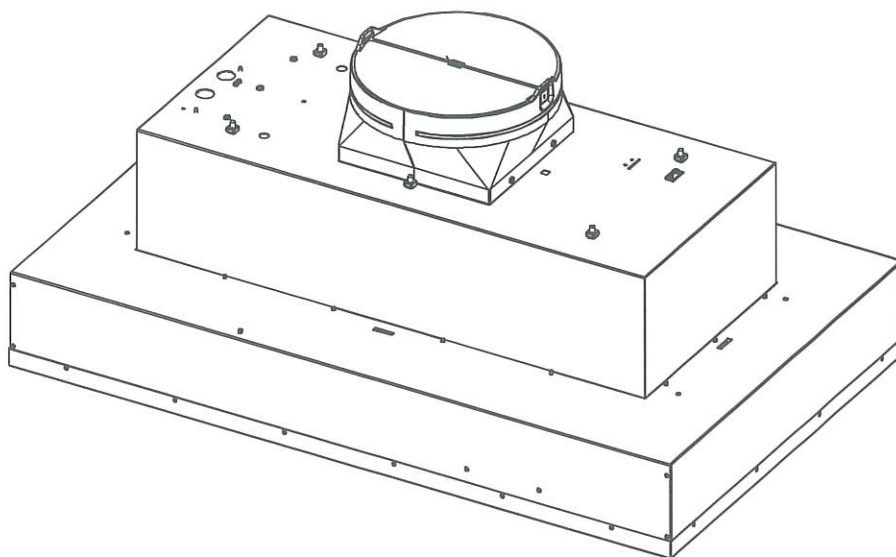
For questions about features, operation/performance, parts, accessories or service, call: 1-800-253-1301
or visit our website at www.kitchenaid.com.

In Canada, call 1-800-807-6777 or visit our website at www.kitchenaid.ca.

CAISSE DE HOTTE 36 PO (91,4 CM) ET 48 PO (121,9 CM)

Instructions d'installation et Guide d'utilisation et d'entretien

Au Canada, pour assistance, installation ou service, composer le 1-800-807-6777
ou visiter notre site web à www.whirlpool.ca.



**IMPORTANT: READ AND SAVE THESE INSTRUCTIONS.
FOR RESIDENTIAL USE ONLY.**

**IMPORTANT : LIRE ET CONSERVER CES INSTRUCTIONS.
POUR UTILISATION RÉSIDENIELLE UNIQUEMENT.**

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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
- 1 1/4" (3 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
- 1 - 1/2" (13 mm) 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.

- 3 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
- T-20® TORX® adapter

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).

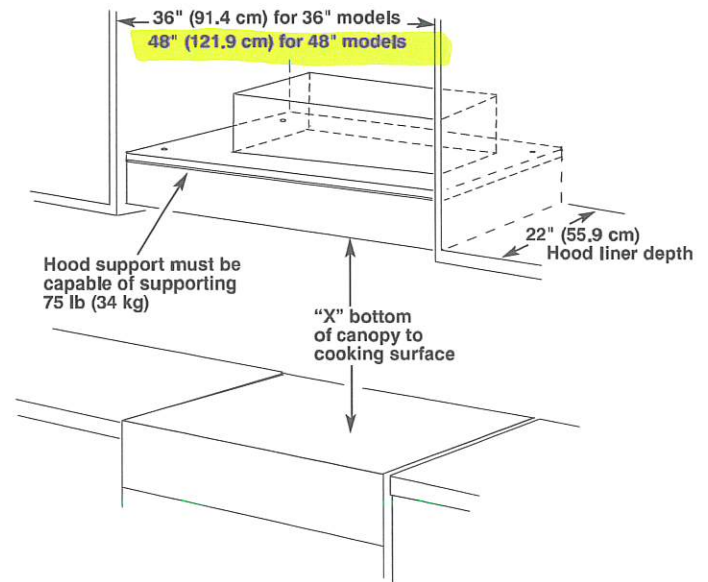
Grounded electrical outlet is required. See the "Electrical Requirements" section.

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



IMPORTANT:

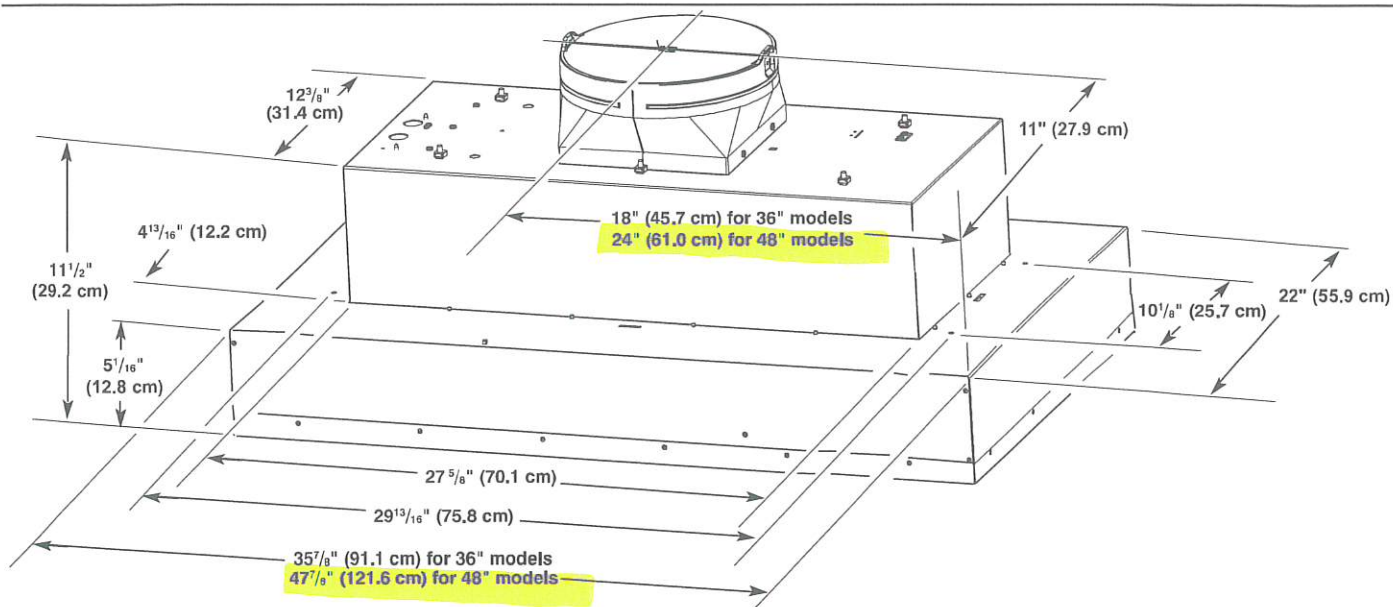
Minimum distance "X": 24" (61 cm) from electric cooking surfaces.

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

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

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Product 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 one elbow is used.
- Do not install two elbows together.
- Use 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.

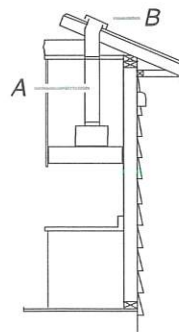
Venting Methods

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.

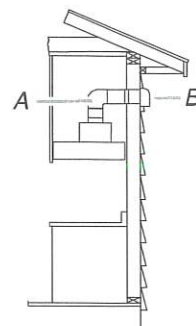
NOTE: Flexible vent is not recommended. Flexible vent creates back pressure and air turbulence that greatly reduce performance.

Roof Venting



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

Wall Venting



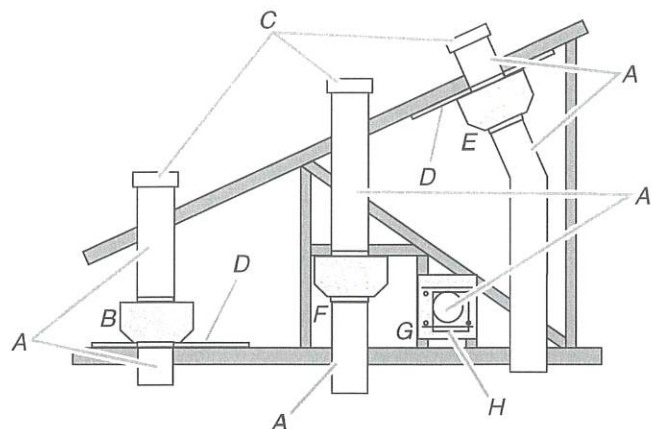
A. 10" (25.4 cm) round vent
B. Wall cap

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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

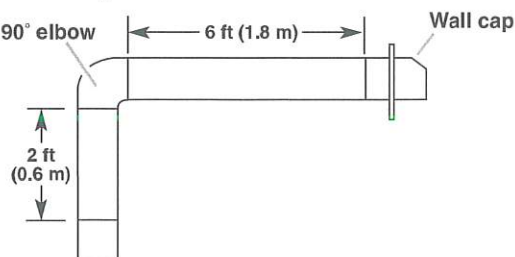
Calculating Vent System Length

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" (0.8 m)
90° elbow	2.5" (0.8 m)

The maximum equivalent vent lengths are:
10" (25.4 cm) round vents - 60' (18.3 m)

Example vent system



The following example falls within the maximum recommended vent length.

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

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
One Batterymarch Park
Quincy, MA 02269
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.

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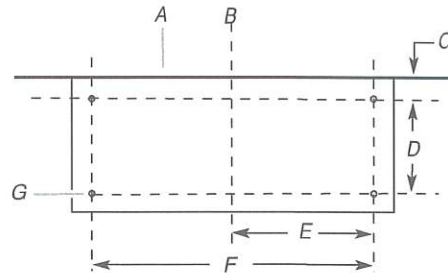
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INSTALLATION INSTRUCTIONS

Prepare Location

- It is recommended that the vent system be installed before 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.

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 | |

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

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

Complete Preparation

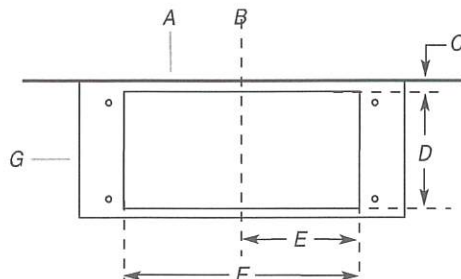
1. Determine and make all necessary cuts in the wall or roof for the vent system. Install the vent system before installing the range hood. See the "Venting Requirements" section.
2. Determine the location where the power supply cable will be run through the wall.
3. Drill a 1 1/4" (3.2 cm) hole at this 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" (13 mm) 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 to the wall. See the "Install Range Hood Internal Blower Motor" section and the instructions supplied with the blower motor.

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 four holes.

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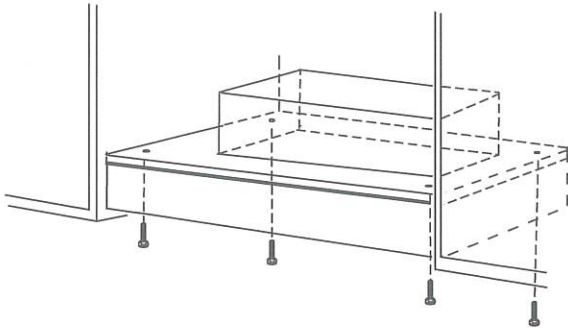
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Install Range Hood Liner

The hood liner attaches to the hood support using four mounting screws and washers.

NOTE: Hood support must be capable of supporting 75 lb (34 kg).

1. Using two or more people, lift the hood liner into place.
2. Install the hood liner using four 5 x 45 mm screws to the hood support and tighten securely.



Install Hood Liner Internal Blower Motor

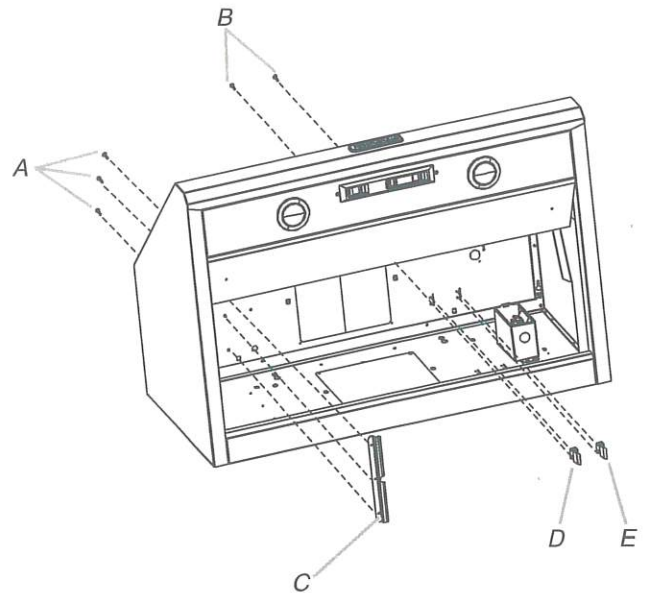
NOTE: Your hood liner requires you to purchase either an internal type or an in-line (external type) blower motor system. See "Blower Motor System" in the "Accessories" section.

The internal blower system can be mounted for top venting or rear venting. For top venting, the mounting bracket and spring clip that come with the blower system will mount to the top panel of the hood liner. For rear venting, the mounting bracket and spring clip that come with the blower system will mount to the rear panel of the hood liner.

Prepare the Internal Blower System

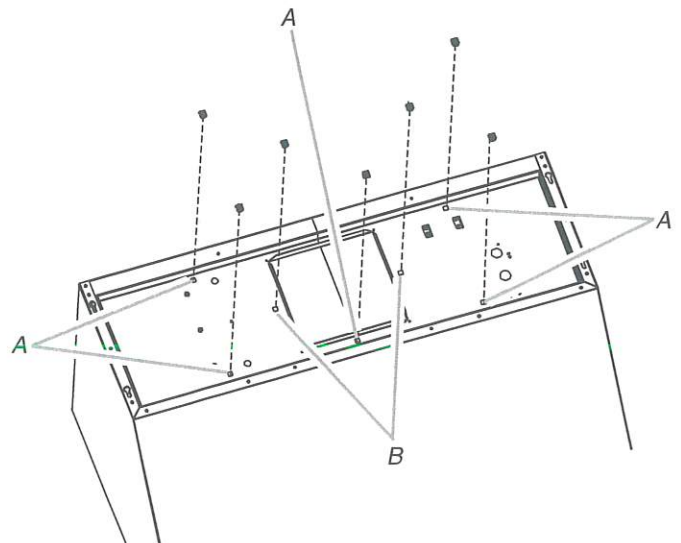
IMPORTANT: Perform steps 1-4 before mounting the hood liner.

1. Remove grease filters from hood liner. See the "Range Hood Care" section in the Use and Care Guide.
2. Install the motor support bracket using three 4.2 x 8 mm screws. Screw bracket to the inside top or back (alternate location on some models), toward the left side of the hood liner.
3. Install motor spring clip using two 4.2 x 8 mm screws. Screw spring clip to the inside top or back (alternate location on some models) of the hood liner at the proper location for the selected motor system. Slide the mounting tab of the spring clip through the slot in the panel and secure with the screws. Use the inside set of mounting holes for the single motor system. Use the outside set of mounting holes for the dual motor system.



- A. 4.2 x 8 mm screws (3) for motor support bracket
- B. 4.2 x 8 mm screws (2) for motor spring clip
- C. Motor support bracket
- D. Motor spring clip (single motor assembly location)
- E. Motor spring clip (dual motor assembly location)

4. Install the 6 mm nuts to the outside top or outside back (alternate location on some models) of the hood liner at the proper location for the selected motor system.
 - Two 6 mm nuts are required for the single motor system. Clip nuts into the small square notches located at the left and right end of the square vent opening.
 - Five 6 mm nuts are required for the dual motor system. Clip nuts into the small square notches, one located in the front of the square vent opening and the other four located at the left and right ends of the square vent opening.



- A. Clip nut (6 mm) locations for dual motor assembly (quantity 5)
- B. Clip nut (6 mm) locations for single motor assembly (quantity 2)

5. Mount hood liner. See the "Install Range Hood Liner" section.

H.C.S.

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1170 CFM INTERNAL BLOWER

Signature Features

1170 CFM MOTOR CLASS VENTILATION SYSTEM

Equips your kitchen with the powerful ventilation necessary to match the high heat of commercial-style ranges and rangetops with comparable width and total burner outputs.

Technical Specifications

Details

Hood Type: In-Line Blower

Certifications

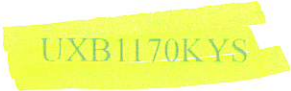
Prop 65: Standard

Ventilation Details

CFM Motor Class: 1,170

Duct Direction: N/A

Venting: Exterior



Dimensions

Gross Weight: 10.43 kg

Net Weight: 8.16 kg

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H.C.D.

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Kitchen



48" RISE™ GAS PROFESSIONAL-STYLE RANGETOP WITH GAS GRILL

Signature Features

CAST IRON GRATES

Robust geometric grates form one graceful surface, crafted to withstand heavy woks and cookware.

HALO-EFFECT KNOBS

A halo of luminary LEDs glows softly when the burner is lit or the oven is on.

HALO-EFFECT KNOBS

A halo of luminary LEDs glows softly when the burner is lit or the oven is on.

20,000 BTU DUAL-STACKED POWERBURNER

This 20,000 BTU dual-stacked PowerBurner can handle high-powered cooking while still being gentle enough for delicate simmering with turndown of 1,650 BTU.

GRILL

Grilling knows no season. Our founder's legacy is rekindled as we bring grilling back indoors. Harness 16,000 BTUs of searing, even heat coursing beneath cast iron grates.

STAR-K CERTIFIED

ELECTRONIC IGNITION WITH FLAME-SENSING™ REIGNITION

Burnout banned. If a sudden draft blows out a flame, intelligent Flame-Sensing™ reignition automatically sparks it back to life.

DUAL-STACKED POWERBURNERS

Two stacked, symmetrical flames bloom and retreat at your inclination, offering total control over heat levels. High-heat searing and wok cooking. Low, slow simmer and melt. Infinite intermediate settings satisfy every appetite.

18,000 BTU DUAL-STACKED POWERBURNER

This 18,000 BTU dual-stacked PowerBurner can handle high-powered cooking while still being gentle enough for delicate simmering with turndown of 1,650 BTU.

JGCP648HL



Dimensions

Depth: 69.85 cm

Gross Weight: 75.75 kg

Height: 18.89 cm

Net Weight: 63.96 kg

Width: 121.60 cm

Common Size: 48

Electrical

208V Compatible: No

Power Cord Included: Yes

Controls

Control Type: Knobs

Control Location: Front

Technical Specifications

Exterior Details

Knob Type: Metal

Knob Color: Stainless Steel

Cooktop Details

Cooktop Surface Color: Black

Cooktop Surface Material: Porcelain Coated Steel

Griddle Included: N/A

Heating Element On Indicator Light: No

Hot Surface Indicator Light: No

Ignition Type: Flame-Sensing™ Re-ignition

Digital Display: No

Details

Cooktop Configuration: Burners with Integrated Grill

Design Expression: RISE™

Element/Burner Details

Center Front Element-Burner Power: 20,000 BTU

Center Front Element-Burner Type: Dual

Center Rear Element-Burner Power: 9000BTU

Center Rear Element-Burner Type: Dual

Cooktop Element Style: Sealed Burner

Cooktop Type: Rangetop

Left Front Element-Burner Power: 20,000 BTU

Left Front Element-Burner Type: Dual

Left Rear Element-Burner Power: 18,000 BTU

Left Rear Element-Burner Type: Dual

Number of Cooking Element-Burners: 6

Power Boost: No

Right Front Element-Burner Power: 20,000 BTU

Right Rear Element-Burner Power: 18,000 BTU

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Digital Display: No

Fuel Type: Gas

Installs Over Built-In Oven: No

LP Convertible: Yes - Kit Included

Power Outage Compatible: Yes (Gas Cooktop Burners Only)

Certifications

Prop 65: Standard

UL: Yes

Grate Details

Grate Details:

- Continuous
- Dishwasher Safe
- Individual
- Matte Finish
- Porcelain Coated Cast Grates

Right Rear Element-Burner Type: Dual

Ventilation Details

Downdraft Vent: No

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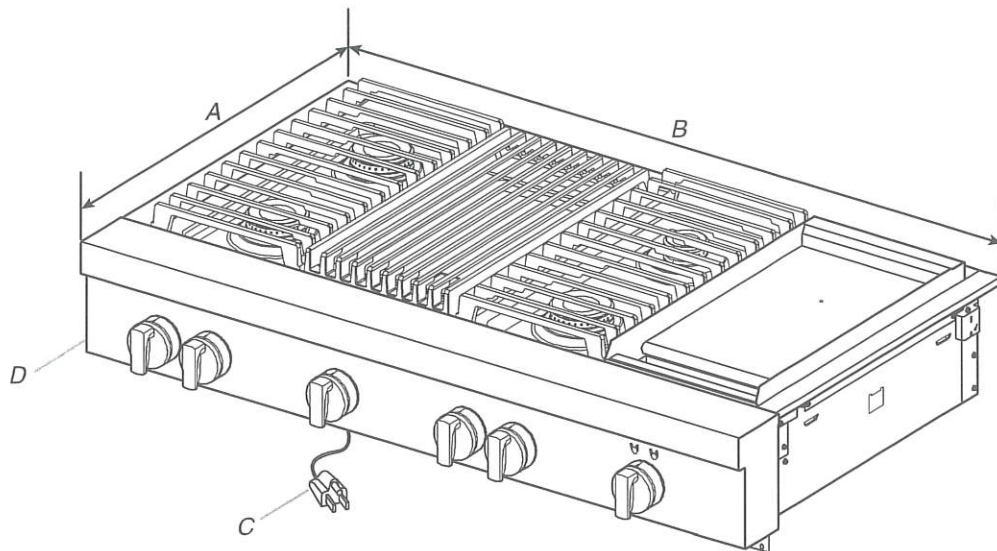
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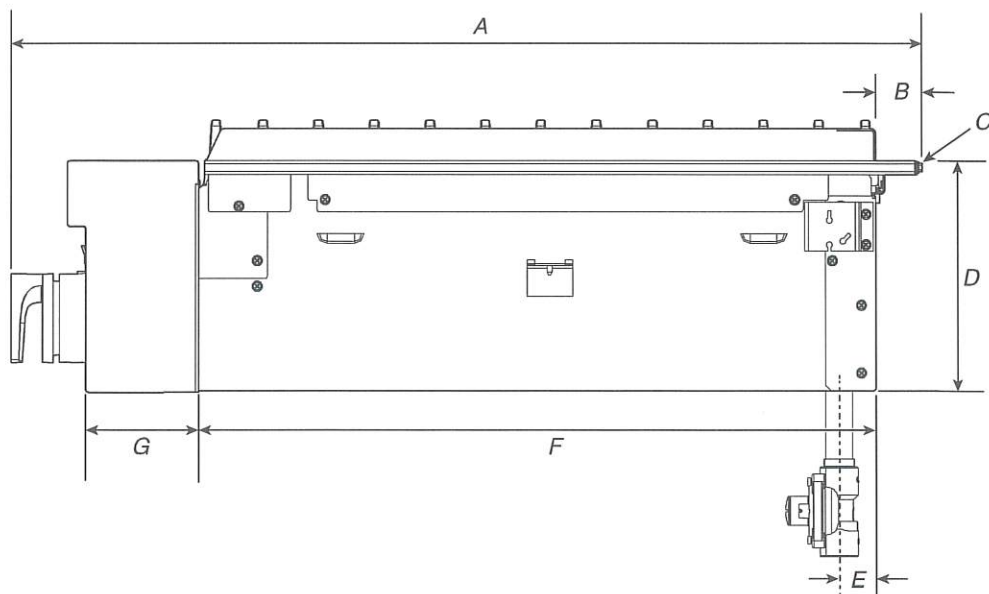
48" (121.9 cm) models



A. $27\frac{1}{8}$ " (68.9 cm)
B. $47\frac{7}{8}$ " (121.6 cm)

C. 3 prong grounding-type power supply cord
D. Model/serial/rating plate (located on the underside of the cooktop burner base)

Side View of Cooktop



A. $27\frac{3}{8}$ " (69.5 cm)
B. $1\frac{1}{4}$ " (3.2 cm)
C. Island trim or optional backguard
D. $7\frac{7}{16}$ " (18.8 cm)

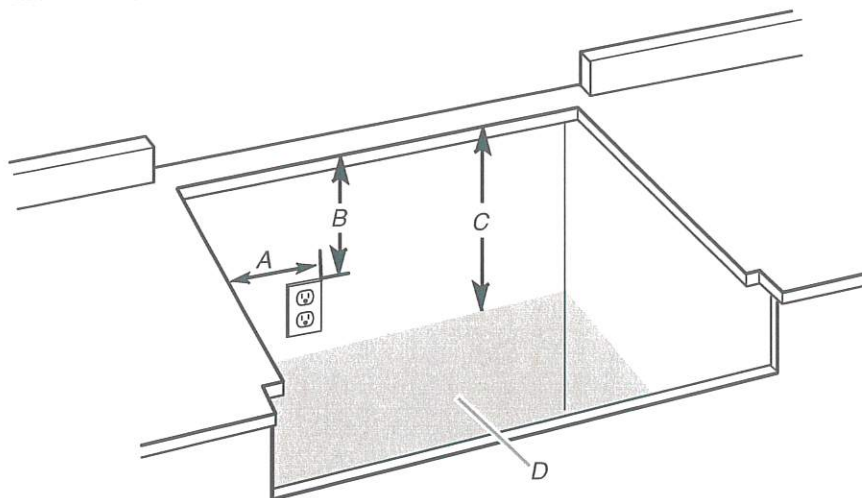
E. Gas inlet is located $1\frac{7}{8}$ " (4.8 cm) from the back of the cooktop burner base and $4\frac{7}{8}$ " (12.4 cm) in from left-hand side of the cooktop burner base.
F. 22" (55.9 cm)
G. $3\frac{5}{16}$ " (8.4 cm)

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Gas and Electric Connection Locations

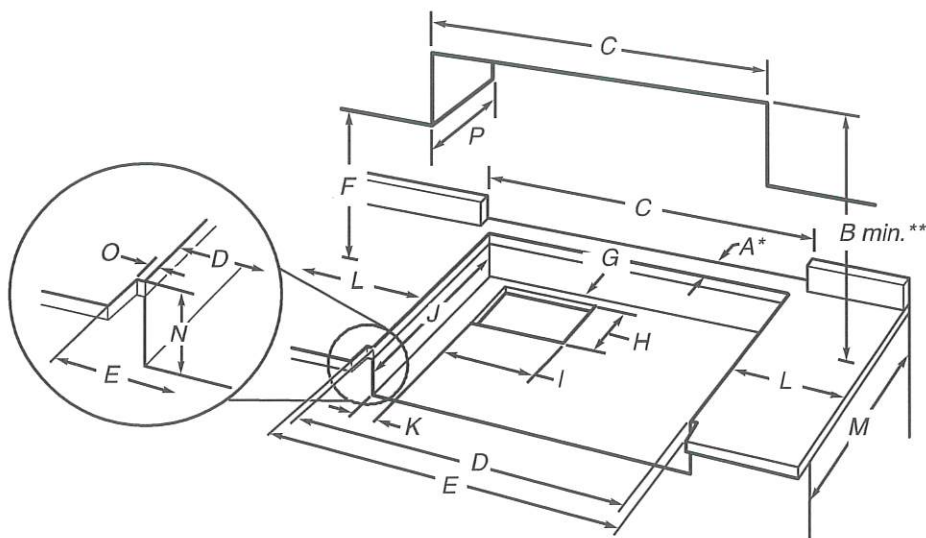


- A. Grounded 3 prong outlet should be located on left-hand side of the cutout 16" (40.6 cm) max. from enclosure sidewall
- B. 10" (25.4 cm) min. clearance from countertop to top of the outlet
- C. 14" (35.6 cm) countertop to the gas supply line
- D. Gas supply line should be located in this area on rear or side walls or the supply line can come up through the floor.

NOTE: Solid side and bottom of cutout enclosure not shown.

Cabinet Requirements

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. See chart.
- B. See chart.
- C. See chart.
- D. See chart.
- E. See chart.
- F. 18" (45.7 cm) min. clearance upper cabinet to countertop
- G. 3/4" (19 mm) back of cabinet cutout to gas opening cutout
- H. 6 7/8" (16.1 cm) gas opening cutout depth
- I. 12 1/2" (31.7 cm) gas opening cutout width
- J. 22 1/4" (56.5 cm) cabinet cutout depth
- K. 2" (5.1 cm) cabinet side to gas cutout
- L. 12" (30.5 cm) min. distance on both sides of the cooktop to the side wall or other combustible material above cooking surface
- M. 24" (61.0 cm) cabinet depth
- N. 7 1/4" (18.4 cm) cabinet depth to countertop
- O. Notch to be equal on both sides
- P. 13" (33.0 cm) upper cabinet depth

Size	A* Cooktop Cutout to Back Wall	B** Cooktop to Cabinet	C Optional Backguard and Upper Cabinet Opening	D Cabinet and Countertop	E Countertop Only
30" (76.2 cm)	1 3/4" (4.4 cm)*	42" (106.7 cm)	30" (76.2 cm)	29 1/4" (74.3 cm)	29 7/8" (75.9 cm) for zero clearance
36" (91.4 cm)	1 3/4" (4.4 cm)*	58" (147.3 cm)	36" (91.4 cm)	35 1/4" (89.5 cm)	35 3/4" (90.8 cm) for zero clearance
48" (121.9 cm)	1 3/4" (4.4 cm)*	58" (147.3 cm)	48" (121.9 cm)	47 1/4" (120.0 cm)	47 7/8" (121.6 cm) for zero clearance

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

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

**If not using ventilation, Minimum Clearances

30" (76.2 cm) models: 42" (106.7 cm) minimum clearance between the top of the cooking platform and the bottom of a combustible surface.

36" (91.4 cm) models: 58" (147.3 cm) minimum clearance between the top of the cooking platform and the bottom of a combustible surface.

48" (121.9 cm) models: 58" (147.3 cm) minimum clearance between the top of the cooking platform and the bottom of a combustible surface.

NOTE: Due to manufacturing factory tolerances, these are nominal dimensions. You may need to readjust to meet your clearance.

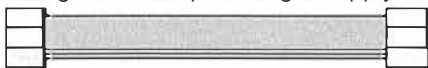
Gas Supply Line

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

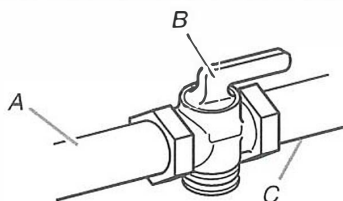
NOTE: Pipe-joint compounds that resist the action of Propane gas must be used. Do not use TEFLON[®] tape.

- **Flexible metal appliance connector:**

- If local codes permit, a new CSA design-certified, 4-5 ft (122-152 cm) long, 5/8" (1.6 cm) or 3/4" (1.9 cm) I.D., flexible metal appliance connector may be used for connecting the cooktop to the gas supply line.



- A 1/2" (1.3 cm) male pipe thread is needed for connection to the female pipe threads of the inlet to the appliance pressure regulator.
- Do not kink or damage the flexible metal tubing when moving the cooktop.
- Must include a shut-off valve:
Install a manual gas line shut-off valve in an easily accessible location. Do not block access to shut-off valve. The valve is for turning on or shutting off gas to the cooktop.



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

Gas Pressure Regulator

The gas pressure regulator supplied with this cooktop must be used. The inlet pressure to the regulator should be as follows for proper operation:

Natural Gas:

Minimum pressure: 5" (12.7 cm) WCP

Maximum pressure: 14" (35.6 cm) WCP

Propane Gas:

Minimum pressure: 10" (25.4 cm) WCP

Maximum pressure: 14" (35.6 cm) WCP

Contact local gas supplier if you are not sure about the inlet pressure.

Burner Input Rating — Altitude

Input ratings shown on the model/serial/rating plate are for elevations up to 2,000 ft (609.6 m).

For elevations above 2,000 ft (609.6 m), ratings need to be reduced at a rate of 4% for each 1,000 ft (304.8 m) above sea level (not applicable for Canada).

Gas Supply Pressure Testing

Gas supply pressure for testing regulator must be at least 1" (2.5 cm) water column pressure above the manifold pressure shown on the model/serial/rating plate.

Line pressure testing above 1/2 psi (3.5 kPa) gauge (14" [35.6 cm] WCP)

The cooktop and its individual shut-off valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psi (3.5 kPa).

Line pressure testing at 1/2 psi (3.5 kPa) gauge (14" [35.6 cm] WCP) or lower

The cooktop must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

INSTALLATION INSTRUCTIONS

Install Cooktop

⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install cooktop.

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

Write down the model and serial numbers before installing the cooktop. Both numbers are located on the left front underside of the burner base.

Unpack the parts supplied with your cooktop. The parts shipped with the cooktop depend on your model ordered. See the "Tools and Parts" section for a complete list of parts supplied with your cooktop.

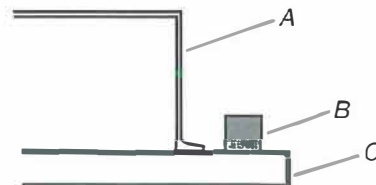
The pressure regulator and flexible stainless steel gas supply line connector can be assembled to the cooktop now or after the cooktop is installed in the cutout. See the "Make Gas Connection" section.

1. Decide on the final location for the cooktop.
2. Using two or more people, place the cooktop upside down on a covered surface.

†TEFLON is a registered trademark of Chemours.

3. Remove foam strip from packing containing literature. Remove backing from foam strip. Apply foam strip adhesive-side down along the left and right sides of the cooktop trim.

NOTE: The foam strip helps the cooktop sit flat on uneven counters and avoids damage to the countertop surface.



A. Cooktop base
B. Foam strip
C. Cooktop

4. Using two or more people, turn cooktop right side up.

H.C.B.
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