

KitchenAid® 30", 36" and 48" (76.2, 91.4 and 121.9 cm) Commercial Style Dual Fuel Convection Ranges

FOR THE WAY IT'S MADE.™

PRODUCT MODEL NUMBERS

KDRS407V	KDRS467V	KDRU763V
KDRS462V	KDRS483V	KDRU767V
KDRS463V	KDRU707V	KDRU783V

Gas Supply Requirements:

Type of Gas

Natural gas:

- This range is factory set for use with Natural gas. See "Gas Conversions" section. The model/serial rating plate located on the oven frame behind the left side of the broiler door has information on the types of gas that can be used. If the types of gas listed do not include the type of gas available, check with the local gas supplier.

LP gas conversion:

Conversion must be done by a qualified service technician.

No attempt shall be made to convert the appliance from the gas specified on the model/serial rating plate for use with a different gas without consulting the serving gas supplier. See "Gas Conversions" section.

Gas Supply Line

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

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

Flexible metal appliance connector:

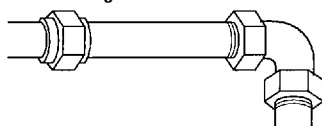
- If local codes permit, a new CSA design-certified, 4 to 5 ft (122 to 152.4 cm) long, 5/8" (1.6 cm) or 3/4" (1.9 cm) I.D., flexible metal appliance connector may be used for connecting range to the gas supply line.



- 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 range.

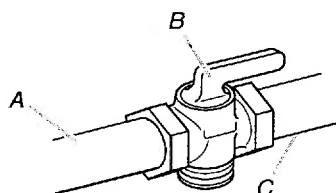
Rigid pipe connection:

The rigid pipe connection requires a combination of pipe fittings to obtain an in-line connection to the range. The rigid pipe must be level with the range connection. All strains must be removed from the supply and fuel lines so range will be level and in line.



- Must include a shutoff valve:

The supply line must be equipped with a manual shutoff valve. This valve should be located in the same room but external to the range opening, such as an adjacent cabinet. It should be in a location that allows ease of opening and closing. Do not block access to shutoff valve. The valve is for turning on or shutting off gas to the range.



A. Gas supply line
B. Shutoff valve "open" position
C. To range

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Electrical Connection

- Range must be connected to the proper electrical voltage and frequency as specified on the model/serial number rating plate. The model/serial number rating plate is located on the right vertical surface of the oven door frame. Refer to the illustrations in the "Product Dimensions" section of the "Location Requirements" section.
- This range may be manufactured with a 4-wire power supply cord, or it may not include a power supply cord. If your range does not include a power supply cord, use a 4-wire power supply cord rated at 250 volts, 40 or 50 amps and investigated for use with ranges.

Range Rating*		Specified Rating of Power Supply Cord Kit and Circuit Protection	
120/240 Volts	120/208 Volts	Amps	Range Size
8.8 - 16.5 KW	7.8 - 12.5 KW	40 or 50**	30" (76.2 cm) 36" (91.4 cm)
16.6 - 22.5 KW	12.6 - 18.5 KW	50	48" (121.9 cm)

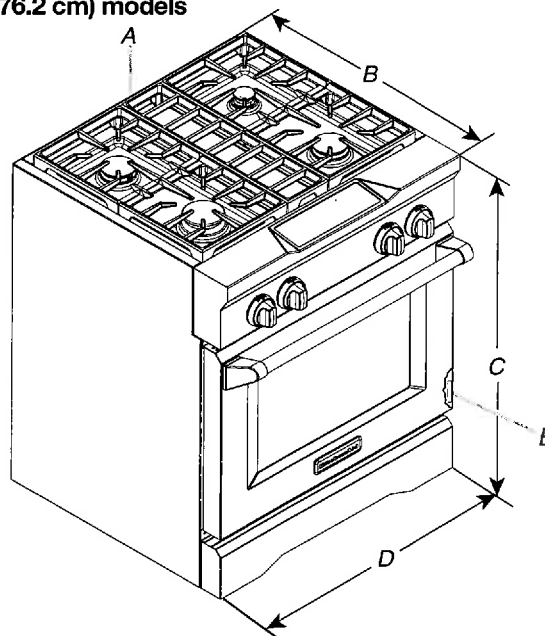
*The NEC calculated load is less than the total connected load listed on the model/serial rating plate.

**If connecting to a 50-amp circuit, use a 50-amp rated cord with kit. For 50-amp rated cord kits, use kits that specify use with a nominal 1 1/8" (34.9 mm) diameter connection opening.

- A circuit breaker is recommended.

PRODUCT DIMENSIONS

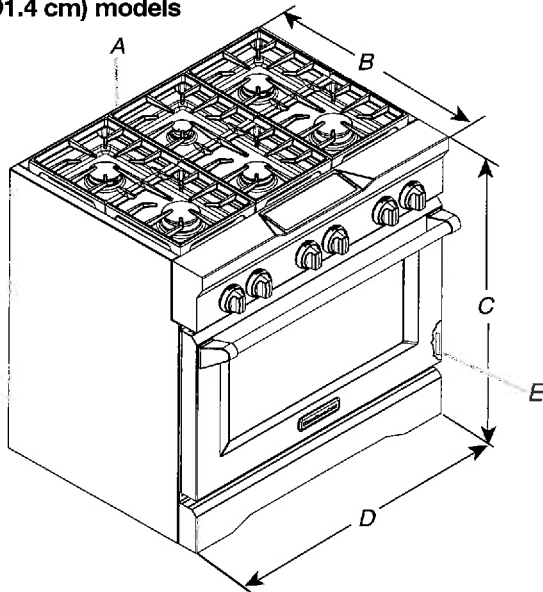
30" (76.2 cm) models



A. Optional backguard may be installed.
B. 27 3/4" (70.5 cm) depth with control panel, see NOTE*.
C. 35 3/4" (90.8 cm) cooktop height when setting on the wheels
D. 30" (76.2 cm) width
E. Model/serial rating plate location

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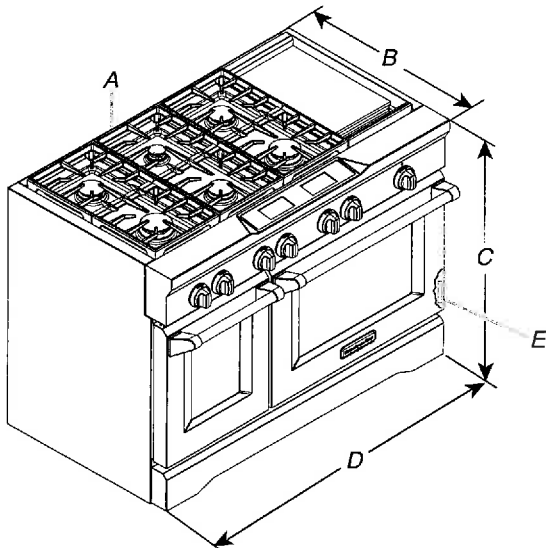
36" (91.4 cm) models



- A. Optional backguard may be installed.
 B. 27 $\frac{3}{4}$ " (70.5 cm) depth with control panel, see NOTE*.
 C. 35 $\frac{3}{4}$ " (90.8 cm) cooktop height when setting on the wheels
 D. 36" (91.4 cm) width
 E. Model/serial rating plate location

48" (121.9 cm) models

NOTE: The following illustration is for dimension planning purposes only, and the locations and appearances of the features shown may not match those of your model.



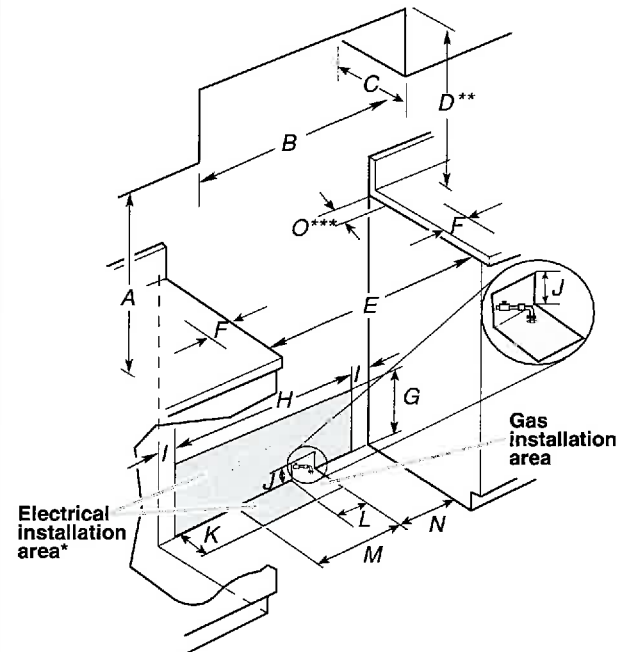
- A. Optional backguard may be installed.
 B. 27 $\frac{3}{4}$ " (70.5 cm) depth with control panel, see NOTE*.
 C. 35 $\frac{3}{4}$ " (90.8 cm) cooktop height when setting on the wheels
 D. 48" (121.9 cm) width
 E. Model/serial rating plate location

***NOTE:** When installed in a 24" (61.0 cm) base cabinet with 25" (63.5 cm) countertop; front of oven door protrudes 1 $\frac{7}{8}$ " (4.8 cm) beyond 24" (61.0 cm) base cabinet.

CABINET DIMENSIONS

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

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



- A. 18" (45.7 cm) upper cabinet to countertop
 B. 30" (76.2 cm) model: 30" (76.2 cm) min. upper cabinet width
 36" (91.4 cm) model: 36" (91.4 cm) min. upper cabinet width
 48" (121.9 cm) model: 48" (121.9 cm) min. upper cabinet width
 C. 13" (33 cm) max. upper cabinet depth
 D. For minimum clearance to top of range, see NOTE**.
 E. 30 $\frac{1}{4}$ " (76.8 cm) on 30" (76.2 cm) models
 36 $\frac{1}{4}$ " (92.1 cm) on 36" (91.4 cm) models
 48 $\frac{1}{4}$ " (122.6 cm) on 48" (121.9 cm) models
 F. 6" (15.2 cm) min. clearance from both sides of range to side wall or other combustible material
 G. 15" (38.1 cm)
 H. 22" (55.9 cm) on 30" (76.2 cm) models
 28" (71.1 cm) on 36" (91.4 cm) models
 40" (101.6 cm) on 48" (121.9 cm) models
 I. 1 $\frac{1}{2}$ " (3.8 cm)
 J. 3" (7.6 cm)
 K. 5" (12.7 cm)
 L. 6" (15.2 cm) on 30" (76.2 cm) models
 14" (35.5 cm) on 36" (91.4 cm) models
 24" (61.0 cm) on 48" (121.9 cm) models
 M. 10 $\frac{1}{2}$ " (26.7 cm)
 N. 6" (15.2 cm)
 O. 6" (15.2 cm), see NOTE***

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

** **NOTE: Minimum Clearances**

30" (76.2 cm) models: 30" (76.2 cm) minimum clearance between the top of the cooking platform and the bottom of an uncovered wood or metal cabinet.

36" (91.4 cm) models: 42" (106.7 cm) minimum clearance between the top of the cooking platform and the bottom of an uncovered wood or metal cabinet.

48" (121.9 cm) models: 42" (106.7 cm) minimum clearance between the top of the cooking platform and the bottom of an uncovered wood or metal cabinet.

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

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Undercounter Dishwasher

PRODUCT MODEL NUMBERS

KDFE204E, KDTE104E, KDTE204E, KDTE254E, KDTM354E, KDTM384E, KDTM404E, KDTM504E, KDTM704E, KDTM804E

Electrical Requirements: 120-volt, 60 Hz, AC-only, 15- or 20-amp. fused electrical supply. Copper wire only. A time delay fuse or circuit breaker and separate circuit is recommended.

If direct wiring dishwasher: Use flexible, armored or nonmetallic, sheathed copper wire with grounding wire that meets the wiring requirements for your home and local codes and ordinances.

Use a UL Listed or CSA Approved conduit connector.

If connecting dishwasher with a power supply cord:

Use power supply cord kit (Part Number 4317824) marked for use with dishwashers. Follow the kit instructions for installing the power supply cord.

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

Water Supply Requirements: A hot water line with 20 to 120 psi (138 to 862 kPa) water pressure. Water temperature must be 120°F (49°C) water at dishwasher. Use 3/8" O.D. copper tubing with compression fitting or flexible braided water supply line

Note: 1/2" minimum plastic tubing is not recommended.

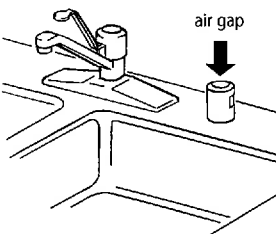
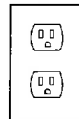
Use a 90° elbow with 3/4" hose connection with rubber washer (part number W10273460). Do not solder within 6" (15.2 cm) from water inlet valve.

Drain Requirements: A new drain hose is supplied with your dishwasher. If this is not long enough, use a new drain hose with a maximum length of 12' (3.7 m) (Part No. 3385556) that meets all current AHAM/IAPMO test standards, is resistant to heat and detergent, and fits the 1" (2.5 cm) drain connector of the dishwasher.

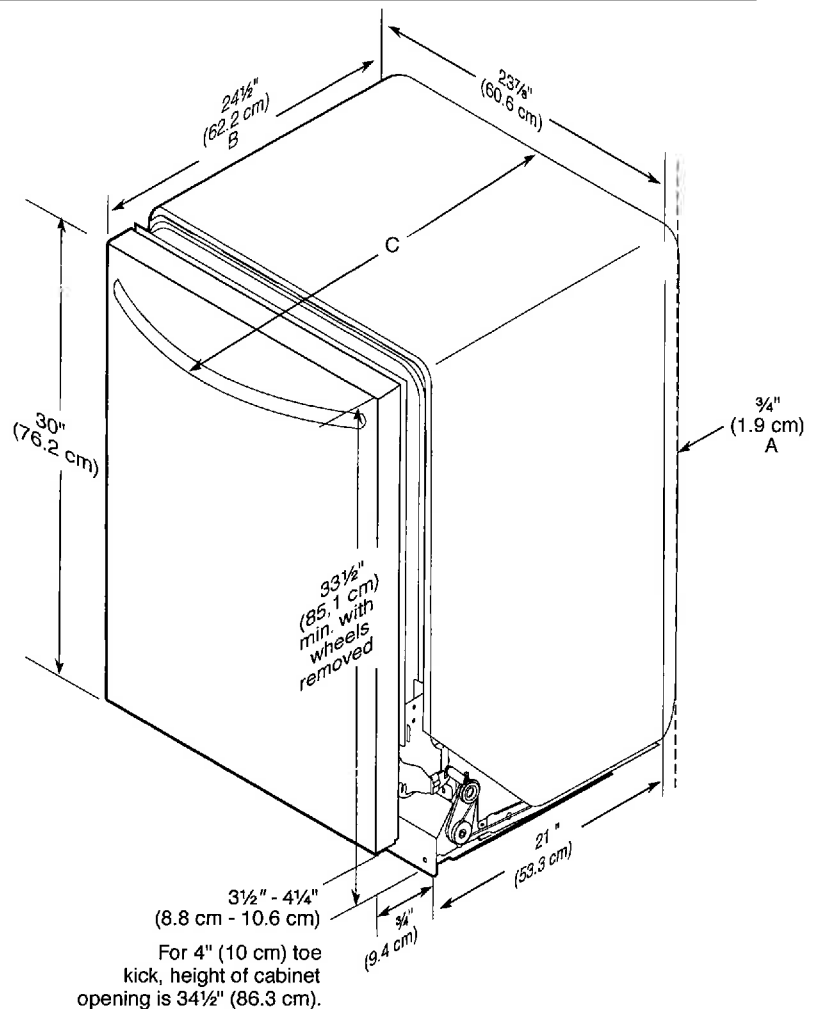
Make sure to connect the drain hose to waste tee or disposer inlet above drain trap in house plumbing and 20" (50.8 cm) minimum above the floor. It is recommended that the drain hose either be looped up and securely fastened to the underside of the counter, or be connected to an air gap. Make sure to use an air gap if the drain hose is connected to house plumbing lower than 20" (50.8 cm) above subfloor or floor.

Use 1/2" (1.3 cm) minimum I.D. drain line fittings.

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



PRODUCT DIMENSIONS



- A. Insulation may be compressed (not used on all models).
- B. For panel-ready models, dishwasher depth is 24" (60 cm) not including the 3/4" (1.9 cm) custom door panel.
- C. Door handles may protrude forward of the face of the dishwasher; varies by model.

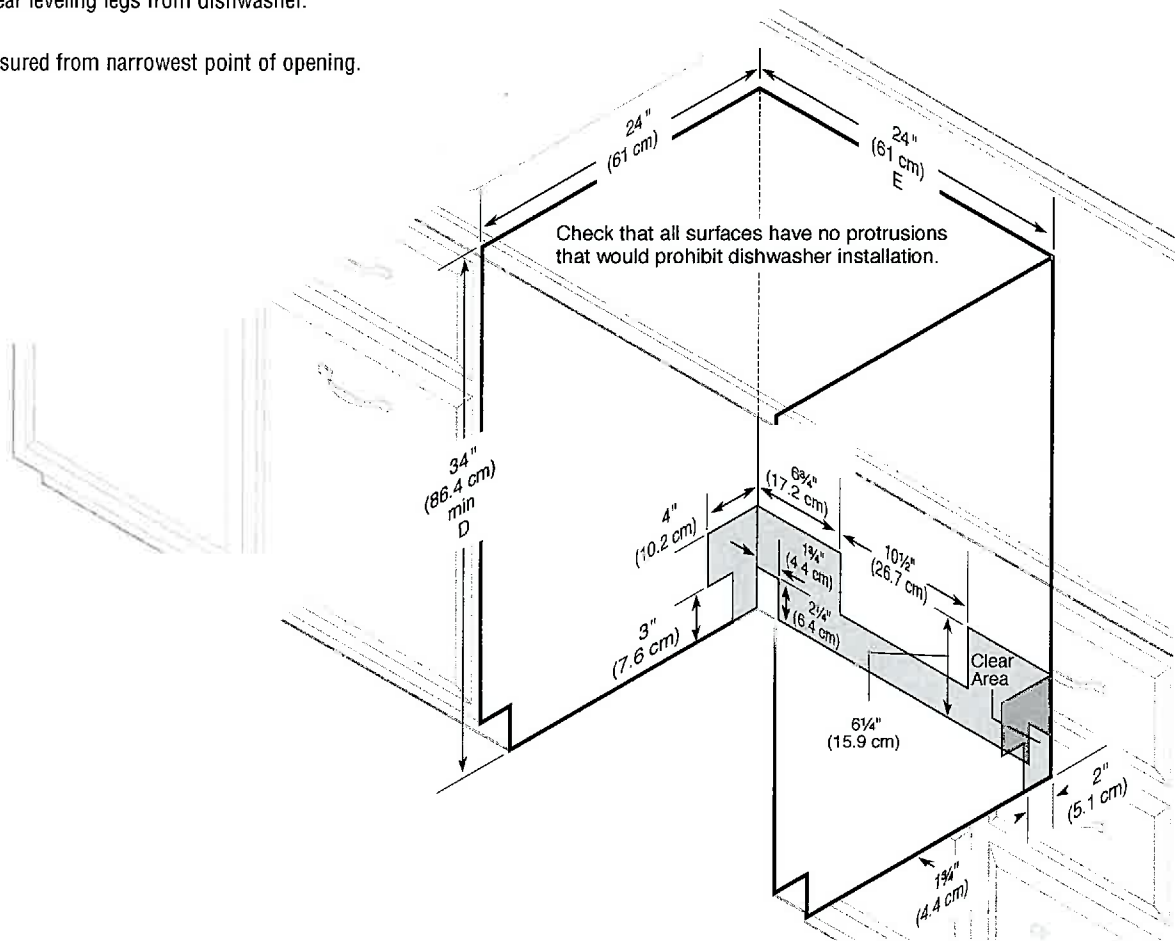
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CABINET CUTOUT DIMENSIONS

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

*Measure from the lowest point on the underside of the countertop. May be reduced to $33\frac{1}{2}"$ (85.1 cm) by removing the rear leveling legs from dishwasher.

**Minimum, measured from narrowest point of opening.



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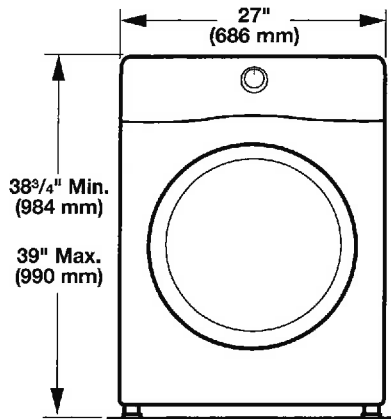


ELECTRIC DRYER

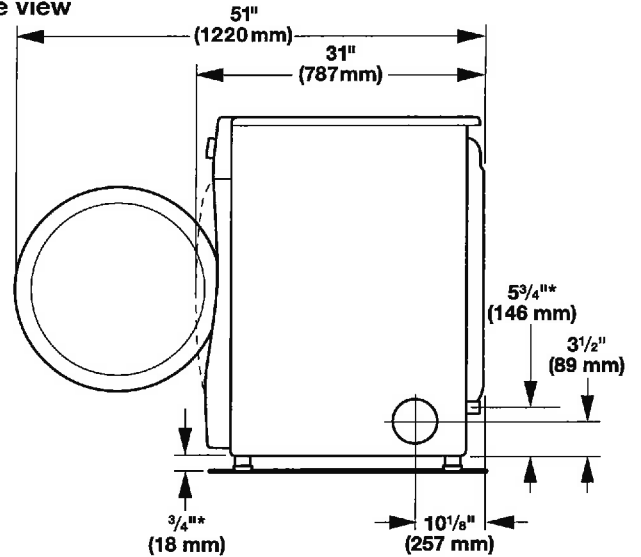
PRODUCT MODEL NUMBERS

MED3500F, MED5500F, MED8200F

Front view

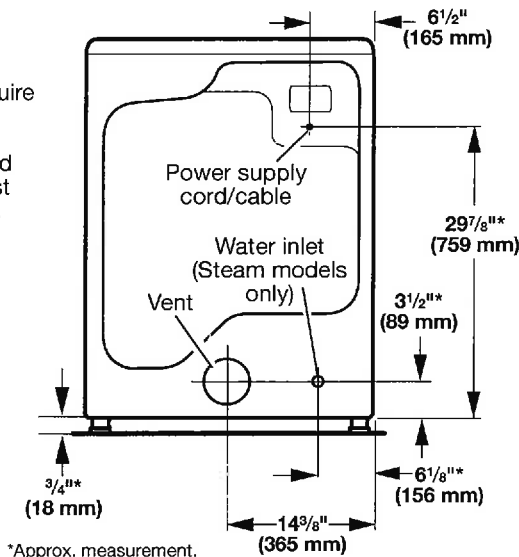


Side view



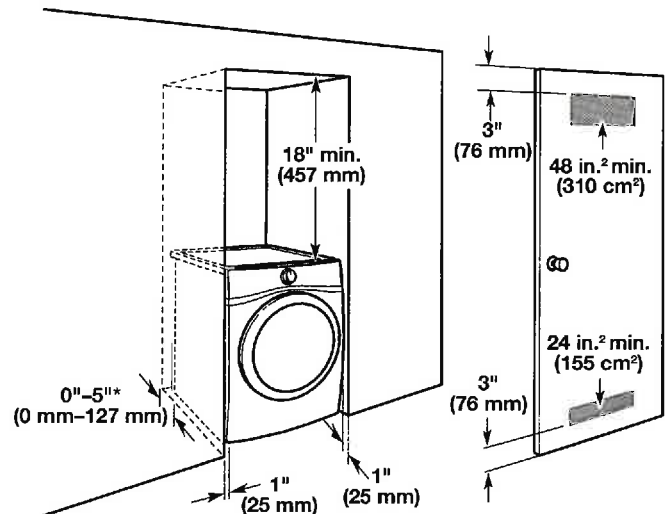
Back view

NOTE: Most installations require a minimum of 5" (127 mm) clearance behind dryer for exhaust vent with elbow. See "Venting Requirements."



*Approx. measurement.

Recommended installation clearances



*0" (0 mm) spacing is allowed for straight-back venting only. For steam models only, inlet hose must not be kinked.

Spacing for recessed area or closet installation

All dimensions show recommended and minimum spacing allowed.

- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances might be required for wall, door, and floor moldings.
- Additional spacing should be considered on all sides of the dryer to reduce noise transfer.
- For closet installation with a door, minimum ventilation openings in the top and bottom of the door are required. Louvered doors with equivalent ventilation openings are acceptable.
- Companion appliance spacing should also be considered.

165 mm

INSTALLATION REQUIREMENTS

ELECTRICAL REQUIREMENTS

To supply the required 3- or 4-wire, single phase, 120/240 volt, 60 Hz, AC only electrical supply (or 3- or 4-wire, 120/208 volt electrical supply, if specified on the serial/rating plate) on a separate 30-amp circuit, fused on both sides of the line. Connect to an individual branch circuit. Do not have a fuse in the neutral or grounding circuit.

WATER (STEAM MODELS ONLY) REQUIREMENTS

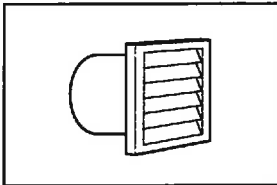
The dryer must be connected to the cold water faucet using new inlet hoses (not supplied). Do not use old hoses. Do not overtighten. Damage to the coupling can result.

VENTING REQUIREMENTS

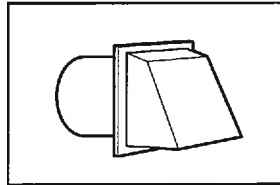
Exhaust venting: Exhaust your dryer to the outside. 4" (102 mm) diameter vent is required. Rigid or flexible metal exhaust vent must be used. Do not use plastic or metal foil vet. Exhaust hood must be at least 12" (305 mm) from the ground or any object that may be in the path of the exhaust.

Exhaust hoods:

Recommended styles:

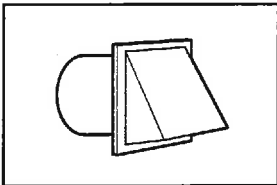


Louvered Hood



Box Hood

Acceptable style:



Angled Hood

Determine vent path:

- Select route that will provide straightest and most direct path outdoors.
- Plan installation to use fewest number of elbows and turns.
- When using elbows or making turns, allow as much room as possible.
- Bend vent gradually to avoid kinking.
- Use as few 90° turns as possible.

Determine vent length and elbows needed for best drying performance:

- Use the following "Vent System Charts" to determine type of vent material and hood combinations acceptable to use.
NOTE: Do not use vent runs longer than those specified in "Vent System Charts."
- Shorten life of dryer.
- Reduce performance, resulting in longer drying times and increased energy usage.

The "Vent System Charts" provide venting requirements that will help achieve best drying performance.

Standard Vent System Chart

Number of 90° elbows	Type of vent	Angled hoods
0	Rigid metal	64 ft. (20 m)
1	Rigid metal	54 ft. (16.5 m)
2	Rigid metal	44 ft. (13.4 m)
3	Rigid metal	35 ft. (10.7 m)
4	Rigid metal	27 ft. (8.2 m)

Long Vent System Chart

Number of 90° elbows	Type of vent	Angled hoods
0	Rigid metal	160 ft. (48.8 m)
1	Rigid metal	150 ft. (45.7 m)
2	Rigid metal	140 ft. (42.7 m)
3	Rigid metal	130 ft. (39.6 m)
4	Rigid metal	120 ft. (36.6 m)

To determine if your model has a long vent system, refer to the type code located on the serial number plate in the inner door well. Example: An electric model would be **DALV** (Long Vent) – ELE – XXXXXXX-XXX.

NOTE: For long vent systems, use of box/louvered hoods will improve venting, regardless of length.

165 mm



BOTTOM-MOUNT BUILT-IN REFRIGERATOR

Installation Guide

IMPORTANT: READ AND SAVE THESE INSTRUCTIONS. INSTALLATION REQUIRES 2 OR MORE PEOPLE.

REFRIGERADOR EMPOTRADO CON CONGELADOR EN LA PARTE INFERIOR

Guía de instalación

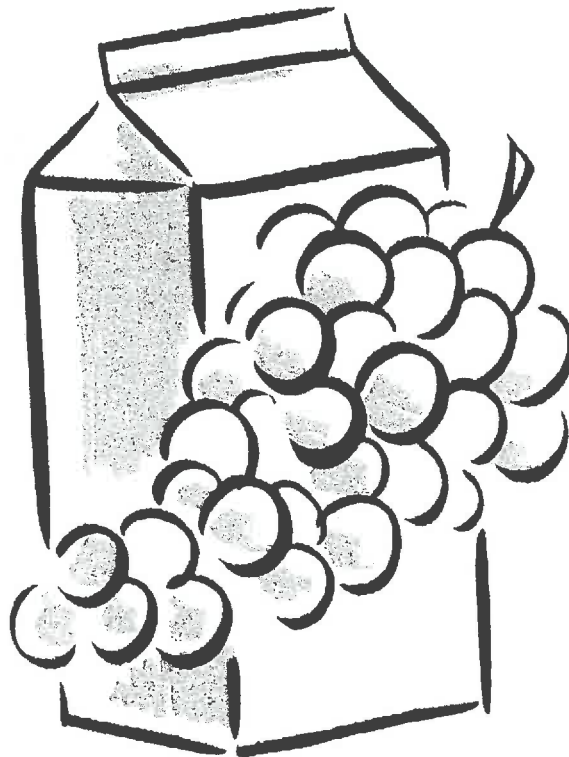
IMPORTANTE: LEA Y GUARDE ESTAS INSTRUCCIONES. LA INSTALACIÓN REQUIERE DE 2 O MÁS PERSONAS.

RÉFRIGÉRATEUR ENCASTRÉ AVEC CONGÉLATEUR EN DESSOUS

Guide d'installation

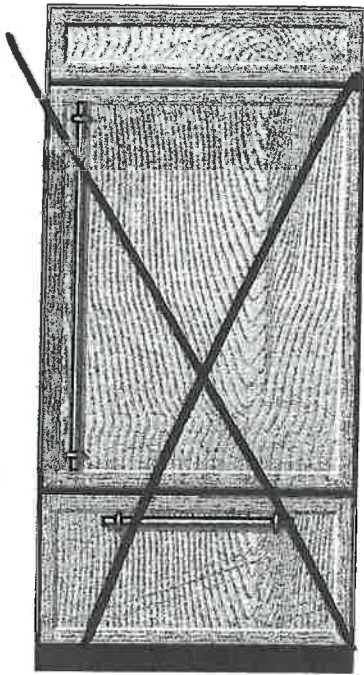
IMPORTANT : LIRE ET CONSERVER CES INSTRUCTIONS. L'INSTALLATION NÉCESSITE L'INTERVENTION DE 2 PERSONNES OU PLUS.

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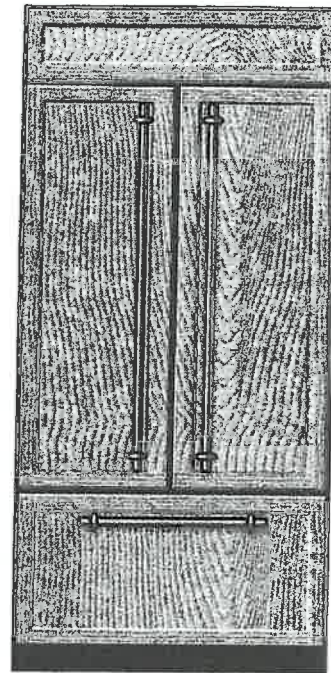
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Overlay Series (36" [91.4 cm] Models)

Features factory-installed, overlay style trim, to provide a "frameless" look. This series requires the installation of custom panels, handles, and standoffs.

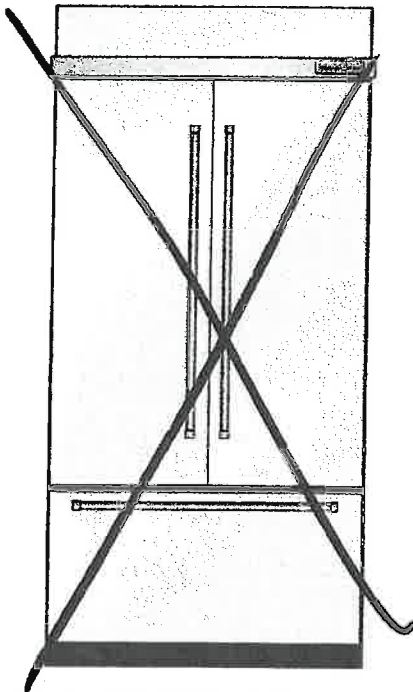
KBBL206EPA, KBBL306EPA, KBBR206EPA, KBBR306EPA



Overlay Series (36" [91.4 cm] Models)

Features factory-installed, overlay style trim, to provide a "frameless" look. This series requires the installation of custom panels, handles, and standoffs.

KBFN406EPA, KBFN506EPA



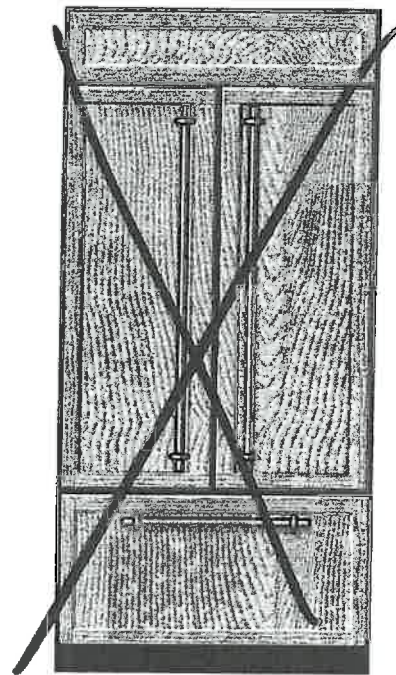
Stainless Steel Series (42" [106.7 cm] Models)

Features wraparound styling that complements the contoured door handles. This series provides a warm commercial-looking built-in refrigerator.

KBFN402ESS, KBFN502ESS

Black Stainless Steel Series (42" [106.7 cm] Models)

KBFN502EBS



Overlay Series (42" [106.7 cm] Models)

Features factory-installed, overlay style trim, to provide a "frameless" look. This series requires the installation of custom panels, handles, and standoffs.

KBFN402EPA, KBFN502EPA

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INSTALLATION REQUIREMENTS

Tools and Parts

IMPORTANT:

- Installer: Leave Installation Instructions with the homeowner.
- Homeowner: Keep Installation Instructions for future reference. Save these Installation Instructions for the local electrical inspector's use.

Tools Needed

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

- | | |
|---------------------------|------------------------------------|
| ■ Cordless drill | ■ Torx® T15 and T27 screwdrivers |
| ■ Drill bits | ■ 1½" nut driver |
| ■ Adjustable wrenches (2) | ■ ¾", ¼", and ½" open-end wrenches |
| ■ Phillips screwdriver | ■ ⅝" hex key |
| ■ Small level | ■ ¼" and ⅝" socket drivers |
| ■ Appliance dolly | ■ Tape measure |
| | ■ Utility knife |


Parts Needed

- #8 x 3" (7.6 cm) wood screws (longer screws may be needed) (6)
- 2" x 4" x 32" (5 cm x 10 cm x 81 cm) wood board(s) (1 or 2)
- Make custom panels or consult a qualified cabinetmaker or carpenter to make the panels.
Overlay Series: Make custom panels, or consult a qualified cabinetmaker or carpenter to make the panels. See "Installation Requirements" for more information.
Stainless Series and Black Stainless Series are shipped complete.
- If you are connecting the water line directly to copper tubing and not to a shutoff valve, you need a ferrule, a union, and a ¼" compression fitting.

Location Requirements

The refrigerator can be recessed in an opening between cabinets or installed at the end of a cabinet run using a side panel to enclose the refrigerator.

⚠ 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:

- Observe all governing codes and ordinances.

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- 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 55°F (13°C).
- Floor must support the refrigerator weight, more than 600 lbs (272 kg), door panels and contents of the refrigerator.
- Ceiling height must allow for side tipping radius. See "Tipping Radius."
- Location should permit door to open fully. See "Door Swing Dimensions."
- Location must permit top grille removal. See "Opening Dimensions."

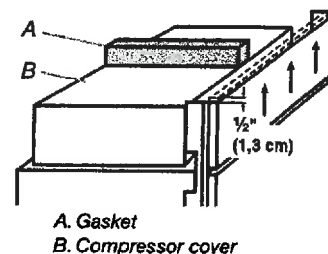
Opening Dimensions

- To avoid tipping during use, the solid soffit must be within 1" (2.5 cm) maximum above the refrigerator. If the solid soffit is higher than 1" (2.5 cm) or one is not available, then the refrigerator must be braced.

If anti-tip boards are needed, they must be installed to the rear wall studs so that the bottom of the anti-tip board is 84" (213.4 cm) from the floor. See "Install Anti-Tip Boards" for more information.

NOTES:

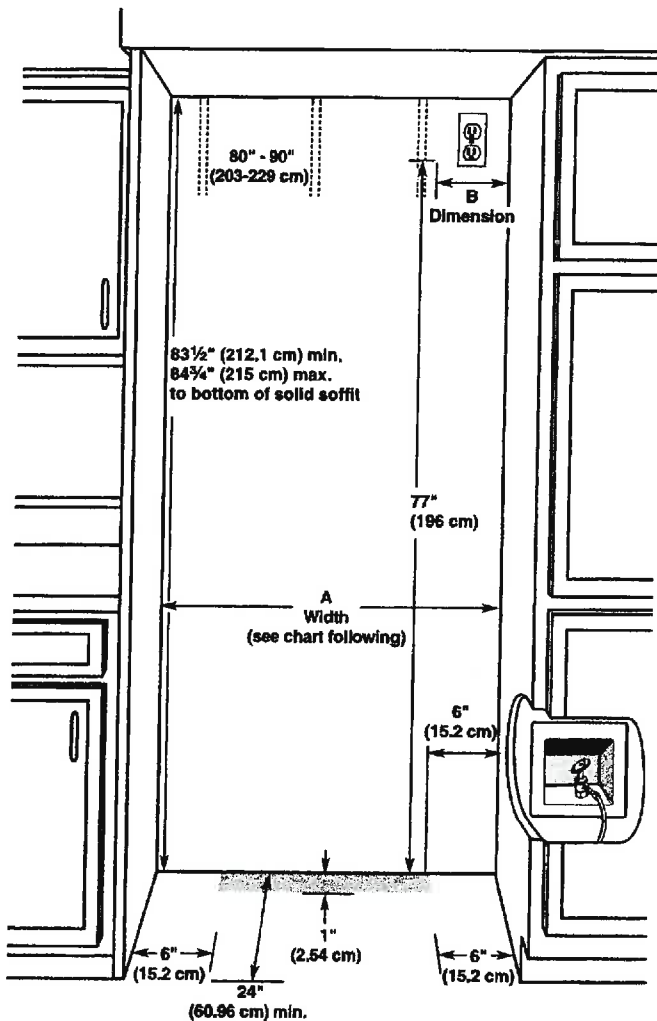
- A clearance of ½" (1.3 cm) must be maintained above the top grille in order for the top grille to be removed.
- Do not remove the foam gasket on top of the compressor cover unless removal is necessary to fit the unit under a soffit. Removal of the gasket will cause loss in cooling efficiency.
- If installing under a solid soffit, after installation raise the leveling legs so that the gasket is pressed snugly against the soffit.



- A grounded 3 prong electrical outlet should be placed within 4" (10.2 cm) of the right side cabinets or end panel. See "Electrical Requirements" for additional information.

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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 or the back wall. See "Water Supply Requirements" for more specific information.



Model	Width A (as shown above)	Dimension B (as shown above)
36"	35½" to 35¾" (90.2 cm to 90.8 cm)	4" (10.2 cm)
42"	41¼" to 41¾" (105.4 cm to 106 cm)	7¼" (19 cm)

NOTE: Flooring under refrigerator must be at same level as the room.

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.

Recommended Grounding Method

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

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.

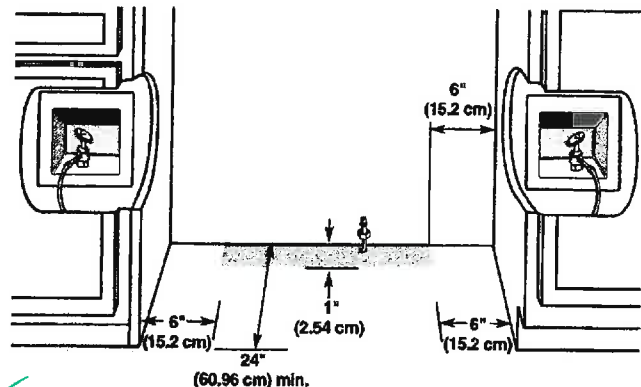
NOTE: Before performing any type of installation or cleaning, remove the top grille and turn the master power switch to OFF or disconnect power at the circuit breaker box.

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.

Water Supply Requirements

- All installations must meet local plumbing code requirements.
- The water shutoff should be located in the base cabinet on either side of the refrigerator or some other easily accessible area. The right-hand side is recommended. The access hole through the cabinet must be within ½" (1.3 cm) of the rear wall.

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.



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- If the water shutoff valve is not in the cabinets, the plumbing for the water line can come through the floor. A $\frac{1}{2}$ " (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 $\frac{3}{16}$ " (4.76 mm) saddle valve which reduces water flow and clogs more easily.
- NOTE:** Your refrigerator dealer has a kit available with a $\frac{1}{4}$ " (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.

Water Pressure

A cold water supply with water pressure between 30 and 120 psi (207 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 and 120 psi (207 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 to 60 psi (276 to 414 kPa).

If the water pressure to the reverse osmosis system is less than 40 to 60 psi (276 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 cartridge, it may further reduce the water pressure when used in conjunction with a reverse osmosis system. Remove the water filter cartridge.

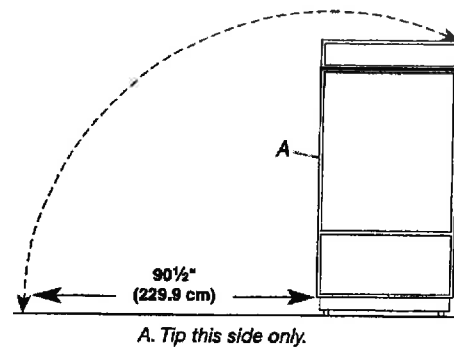
If you have questions about your water pressure, call a licensed, qualified plumber.

Tipping Radius

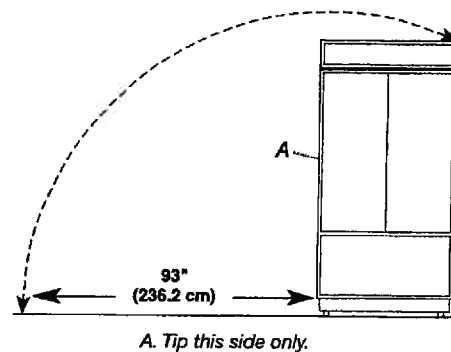
Be sure there is adequate ceiling height to stand the refrigerator upright when it is moved into place.

- The dolly wheel height must be added to the tipping radius when a dolly is used.
- If needed, the tipping radius can be reduced. See "Reduce Tipping Radius."

Side Tipping Radius (36" [91.4 cm] Models)



Side Tipping Radius (42" [106.7 cm] Models)



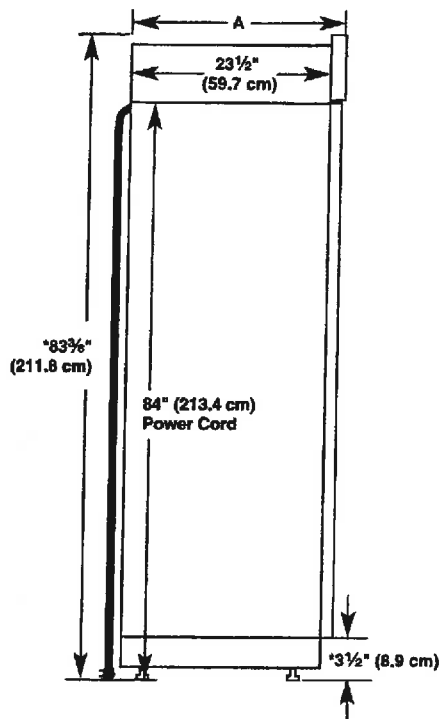
Product Dimensions

Side View

- The depth from the front of the top grille to the back of the refrigerator cabinet is 25 $\frac{1}{2}$ " (64.5 cm).
- The power cord is 84" (213 cm) long.

165 Inn

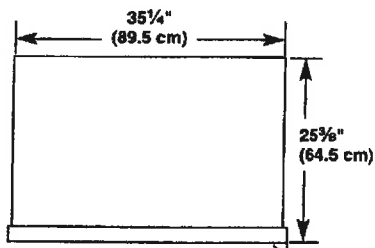
- Height dimensions are shown with leveling legs extended $\frac{1}{8}$ " (3 mm) below the rollers.



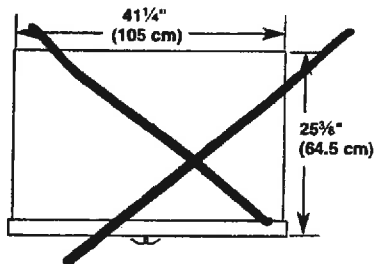
*When leveling legs are fully extended to $1\frac{1}{4}"$ (3.2 cm) below rollers, add $1\frac{1}{8}"$ (2.9 cm) to the height dimensions.

Top View

36" (91.4 cm) Models



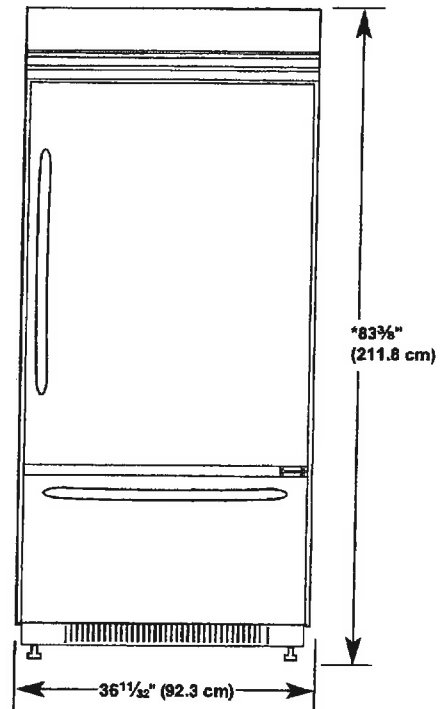
42" (106.7 cm) Models



Front View

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

36" (91.4 cm) Models



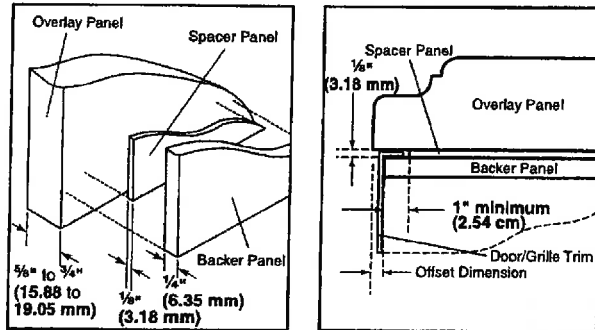
*When leveling legs are fully extended to $1\frac{1}{4}"$ (3.2 cm) below rollers, add $1\frac{1}{8}"$ (2.9 cm) to the height dimensions.

165 mm

Overlay Series Custom Panels

Custom overlay panels allow you to blend the exterior of your refrigerator into the overall kitchen décor and to use custom handles for additional design flexibility.

The custom panels must have backer panels attached in order to mount them to the refrigerator. It is most common to work with three panels, as shown in the following graphic: a decorative overlay panel, a $\frac{1}{8}$ " (3.18 mm) spacer panel or spacer strips and a $\frac{1}{4}$ " (6.35 mm) backer panel.



In some cases, your cabinet manufacturer may choose to work with one panel routed for the different dimensions. Follow these panel dimension and placement instructions to be sure that the custom overlay panels will fit properly.

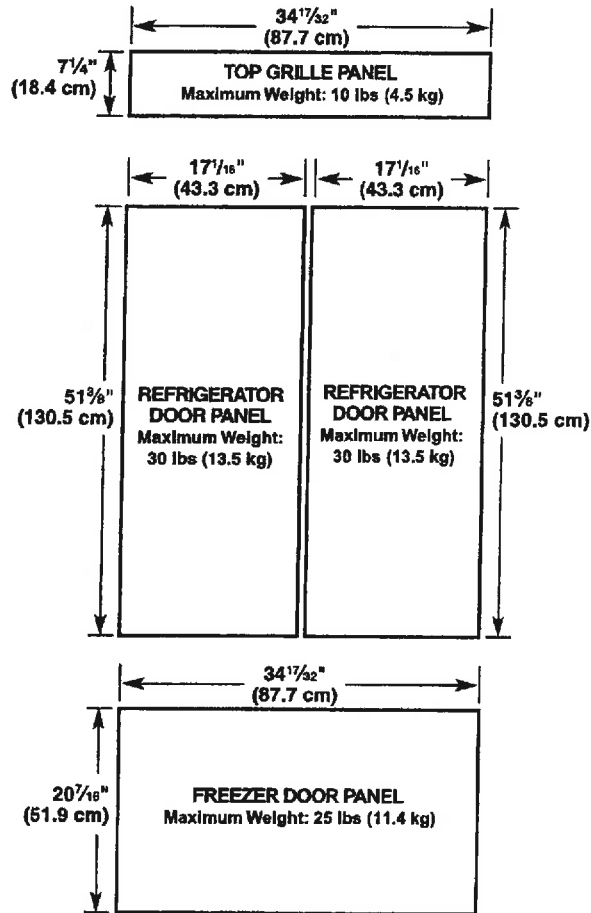
IMPORTANT:

- For 36" (91.4 cm) single-door models, the refrigerator door overlay panel cannot exceed 50 lbs (23 kg) and the freezer drawer overlay panel cannot exceed 20 lbs (9.1 kg).
- For 36" (91.4 cm) and 42" (106.7 cm) French-door models, the refrigerator door overlay panel cannot exceed 30 lbs (13.5 kg) and the freezer drawer overlay panel cannot exceed 25 lbs (11.4 kg).
- The weight of the top grille overlay panel cannot exceed 10 lbs (4.5 kg) for both models.

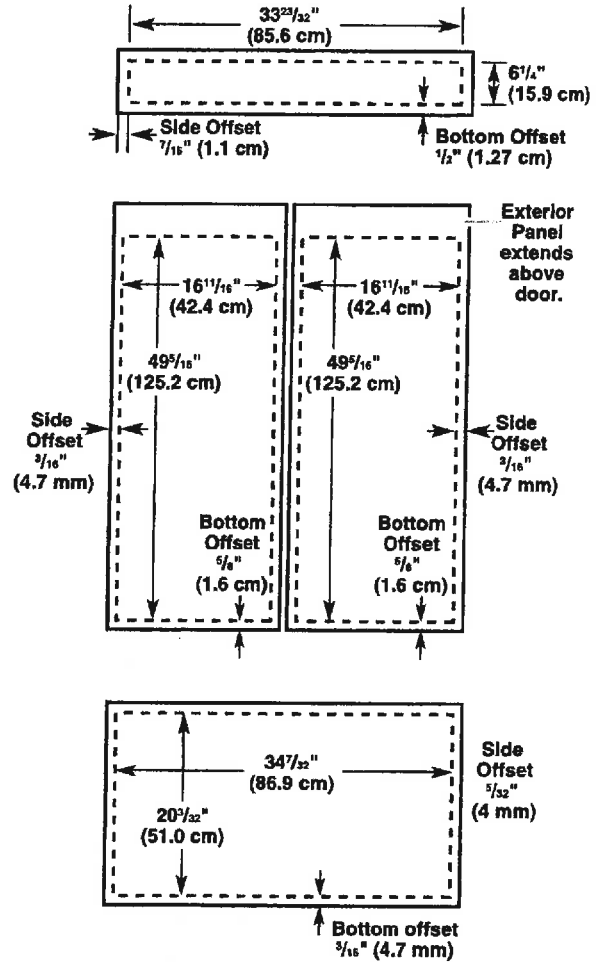
To minimize panel weight, you may use 2" (5.08 cm) spacer strips around the perimeter in place of full-sheet solid spacer panels. The spacer strips must be set in at least 1" (2.54 cm) from the top, bottom and side edges of the backer panel. If you use spacer strips, it is also recommended that you use two 2" (5.08 cm) strips horizontally centered for added support.

165 Inn

Custom Overlay Panels
(36" [91.4 cm] French Door Models)



Custom Backer Panels
(36" [91.4 cm] French Door Models)



165 mm

Stainless Steel and Overlay Series Both 36" and 42" models have the same cabinet side trim

All factory parts are available through your KitchenAid dealer or by calling KitchenAid Parts and Accessories at 1-800-442-9991. In Canada, call 1-800-807-6777.

Overlay Series Door Handle Kits

The following handle style is available. Contact your KitchenAid dealer or KitchenAid Parts and Accessories at 1-800-442-9991. In Canada, call 1-800-807-6777.



Knurl grip handle with chrome endcaps
W10782871 - French Door Bottom Mount Handle Kit
W10782874 - Two Door Bottom Mount Handle Kit

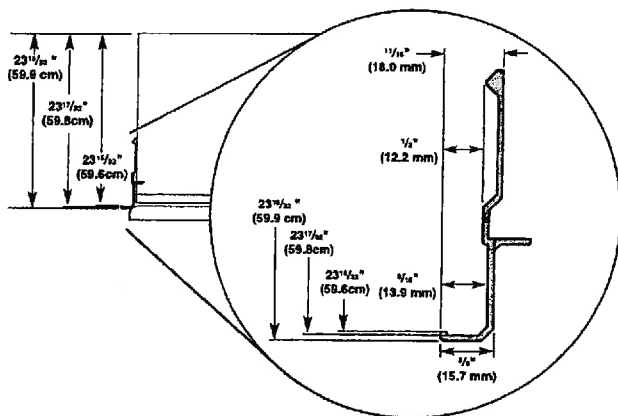
Refrigerator and Side Trim Dimensions

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

NOTES:

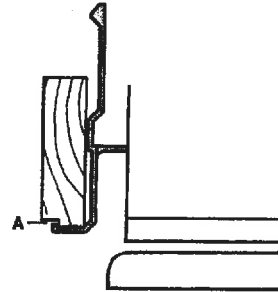
- The dimensions shown are actual product dimensions and may not reflect the needed panel installation dimensions.
- The side panel should be a minimum of 1/2" (1.27 cm) thick to avoid warping.
- If the opening depth is 25" (63.5 cm) or more, you may want to install a support board on the rear wall.

Refrigerator



Installation Dimensions - Option 1

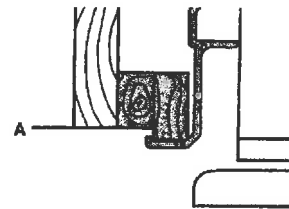
1. Measure the distance from point A (as shown) to the back wall. Add 1/16" (1.6 mm) to this measurement to allow the side panel to fit into the trim.



2. If the panel is more than 1 1/32" (8.7 mm) thick, rout 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. Rout the front edge of the support board or attach a 1 1/32" (8.7 mm) board to hold the panel in the cabinet side trim.

165 mm

INSTALLATION INSTRUCTIONS FOR CUSTOM PANEL ATTACHMENT UNDERCOUNTER DISHWASHER STAINLESS STEEL TUB

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

Custom Panel Models Only

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

Additional Tools Needed:

$\frac{3}{32}$ " Drill bit

Additional Parts Supplied with Custom Panel Models:

Plastic studs (attached to each other by runners) (4)

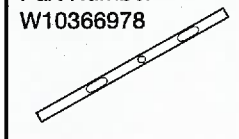
Short screws (10-16 hex-head screw) (4)

Long screws (8-18 Torx®† head screws) (4)

Template (1) (located inside Use and Care Guide bag assembly)

Instruction sheet (1) (located inside Use and Care Guide bag assembly)

Custom tape packet
Part Number
W10366978



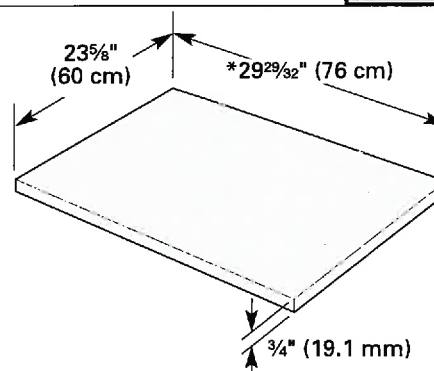
NOTE: The screws supplied are used for only $3\frac{3}{4}$ " (9.5 cm) thick wooden panel. If the wooden panel is less than $3\frac{3}{8}$ " (8.6 cm) thick, customer must purchase screws locally.

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

If parts are not included, call 1-800-422-1230. In Canada, call 1-800-807-6777.

Install Custom Panel

Custom panel dimensions



* This dimension is for 4" (10.2 cm) toe kick. If the installation needs a higher toe kick, adjust the height of the wood panel accordingly except on models with fan assisted dry. Fan models have a duct at the bottom of the door that would be exposed if you shorten the door panel for toe kick heights above 4" (10.2 cm). Toe kick heights greater than 6" (15.2 cm) are not recommended for this product.

Follow Steps Below:

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

NOTES:

- The handle for the custom panel is not included.
- All mounting hardware supplied is for a $\frac{3}{4}$ " (19.1 mm) thick wood panel. If a thinner wood panel or materials other than wood are used, it is the customer's responsibility to obtain the proper length screws and adjust the pilot holes accordingly.

IMPORTANT: Use a moisture-resistant sealer on both sides and all edges of the panel to avoid damage from moisture.

165 Inn

†TORX, and T15 are registered trademarks of Acument Intellectual Properties, LLC.

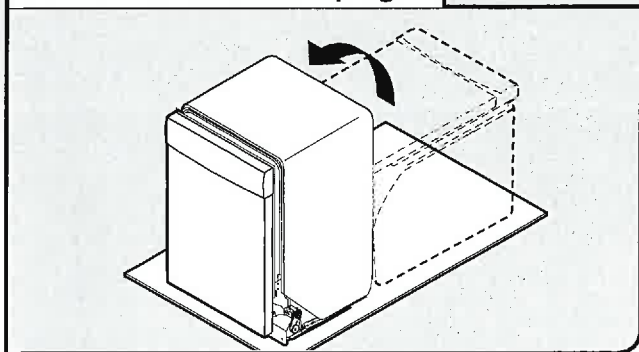
⚠ WARNING

Excessive Weight Hazard

Use two or more people to move and install dishwasher.

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

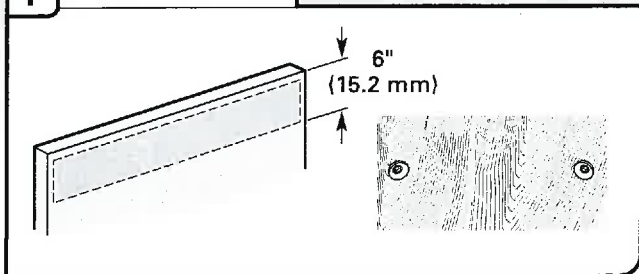
Stand dishwasher upright



Using 2 or more people, stand the dishwasher up.

NOTE: Do not install kick plate until instructed to do so.

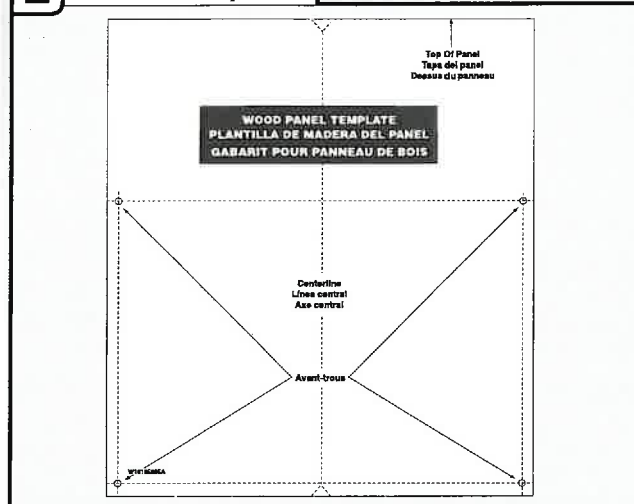
1 Attach handle



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

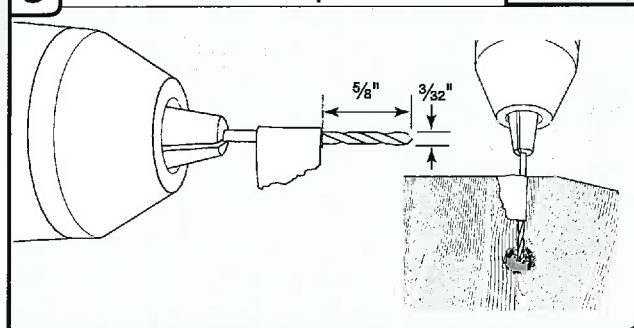
IMPORTANT: If the handle is attached from the back of the custom panel, the screw holes should be countersunk for the screws heads to be flush with the panel. If the handle is attached to the front of the custom panel, the screw lengths cannot exceed the panel thickness.

2 Panel template



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

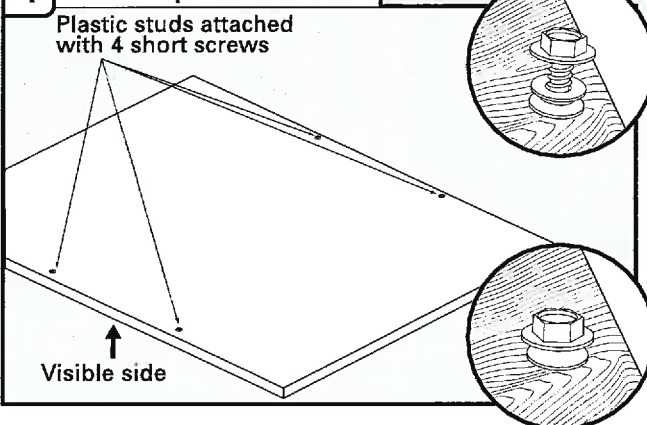
3 Predrill custom panel holes



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

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

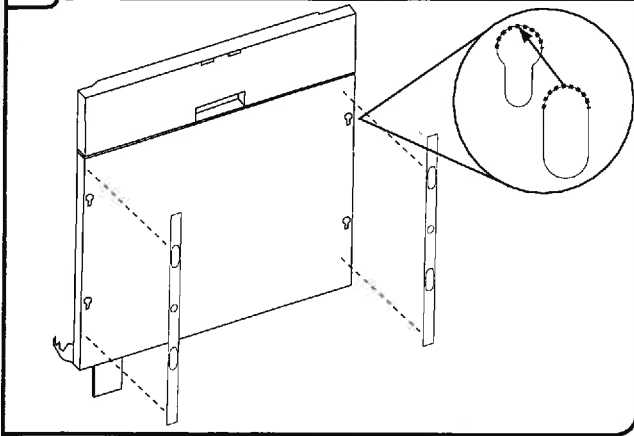
4 Attach plastic studs



Attach the 4 plastic studs to the wooden panel using the four $\frac{5}{16}$ " hex-head (short) screws provided.

165 Inn

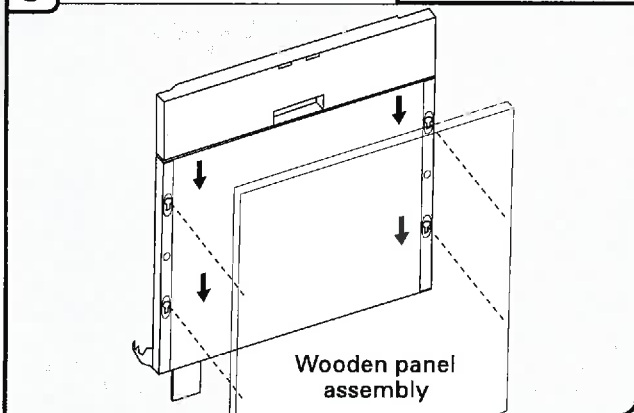
5 Attach custom tape



Check custom tape alignment with metal door slots; verify tape is right-side up, and that the tape does not overhang the metal door on the top, bottom or side interfaces. Remove the backing from the custom tape by pulling straight down on the liner. Align the custom tape to the keyhole slots on the metal door (see the previous illustration) and apply. Repeat steps for one side and then the other.

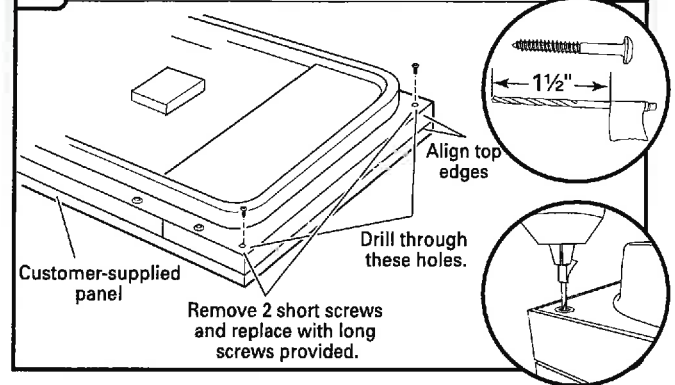
NOTE: The adhesive on the tape is aggressive, so proper alignment and attachment to the metal door needs to occur on the first try.

6 Attach custom panel



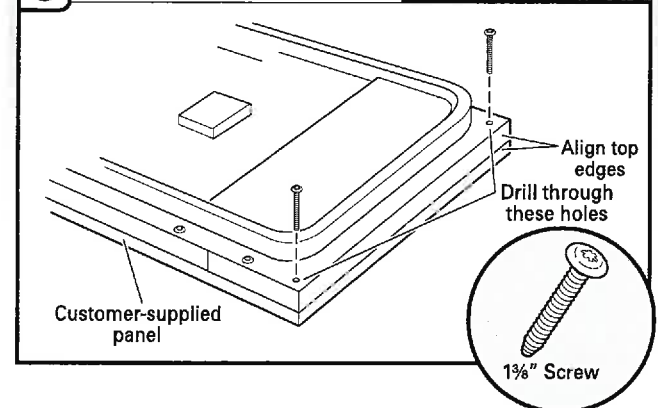
Align the studs on the custom wood panel to the keyhole slots on the door assembly. Ensure that all 4 plastic studs are engaged in the keyhole slots. Slide wood panel down until the top surface of the wooden panel is flush with the top of the door.

7 Align top edges of panel to door



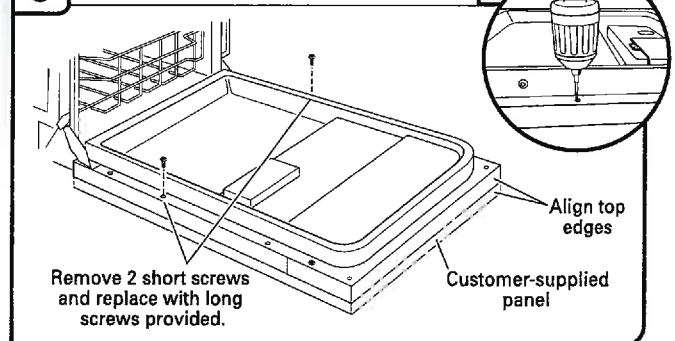
Open the door and align top edges. Use tape to mark a $\frac{3}{32}$ " drill bit to gauge the hole depth of approximately $1\frac{1}{2}$ " (3.8 cm). Drill pilot holes into the top corners of the door, using hole in liner as a guide.

8 Install custom panel



Using a Torx® T15® screwdriver, install two #8 x $1\frac{1}{8}$ " screws in top corners to secure custom wood panel in place.

9 Remove the short screws



Remove the short screws (3rd from top) on either side of the inner door panel. Use tape to mark a $\frac{3}{32}$ " drill bit to gauge the hole depth of approximately $1\frac{1}{2}$ " (3.8 cm). Drill 2 pilot holes using the door liner hole as a guide into the panel. Install the 2 remaining long screws.

165 Inn

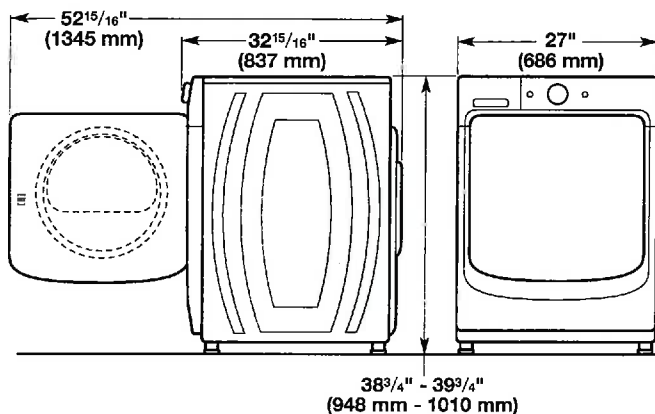


Front-Loading Washer

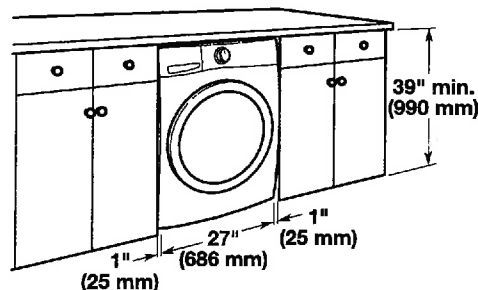
PRODUCT MODEL NUMBERS

MHW3000B, MHW3500B, MHW4000B, MHW4200B, MHW6000A, MHW7000A, MHW8000A, MHW3100D, MHW4100D, MHW4300D, MHW4400D, MHW5100D, MHW5400D, MHW7100D, MHW8100D, MHW3505F, MHW3500F, MHW5500F, MHW8200F, MHW8150E

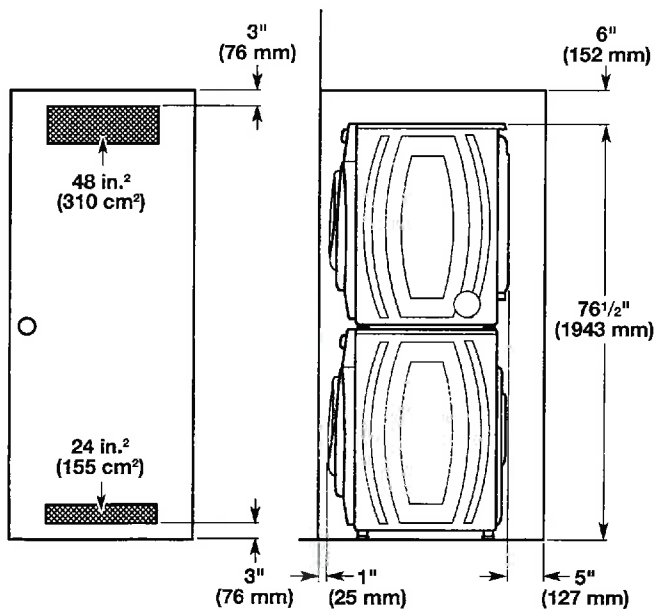
Washer Dimensions:



Undercounter installation - washer only:

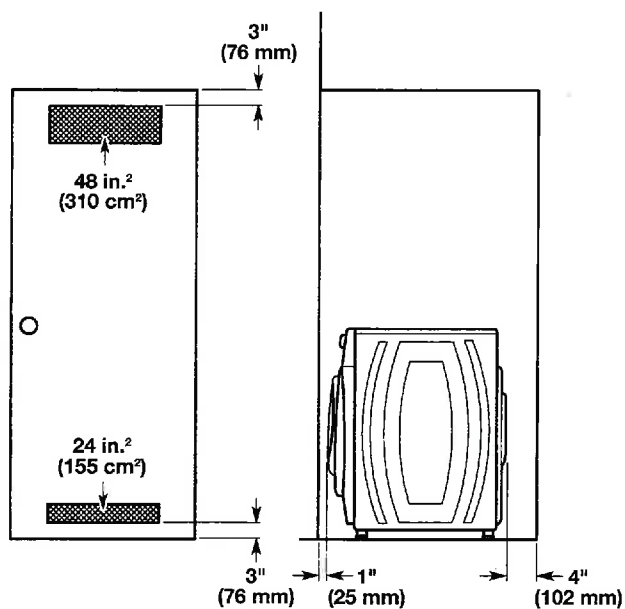


Recessed or closet installation - stacked washer and dryer



*Add spacing of 1" (25 mm) on all sides of washer/dryer.

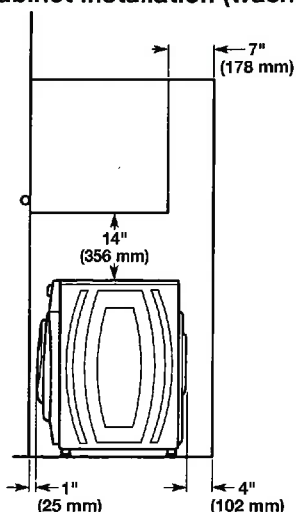
Recessed area or closet installation (washer only):



*Add spacing of 1" (25 mm) on all sides of washer.

165 lnn

Custom cabinet installation (washer only):



**Recommended 4" (102 mm), minimum 1.5" (38 mm)

All dimensions show recommended spacing allowed, except for closet door ventilation openings, which are the minimum required.

For each arrangement, consider allowing more space for ease of installation and servicing, spacing for companion appliances, and clearances for walls, doors, and floor moldings.

Space must be large enough to allow door to fully open.

Add spacing of 1" (25 mm) on all sides of washer to reduce noise transfer. If a closet door or louvered door is installed, top and bottom air openings in door are required.

ELECTRICAL REQUIREMENTS

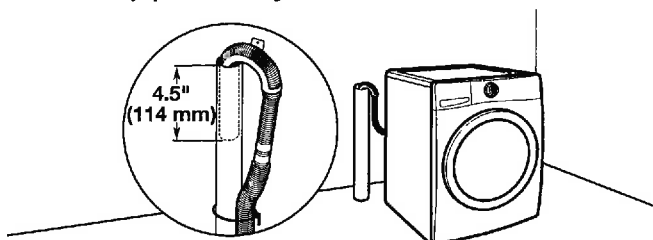
A 120-volt, 60-Hz., AC only, 15- or 20-amp fused electrical supply is required. A time-delay fuse or circuit breaker is recommended. It is recommended that a separate circuit serving only this appliance be provided.

DRAIN SYSTEM

Drain system can be installed using a floor drain, wall standpipe, floor standpipe, or laundry tub. Select method you need.

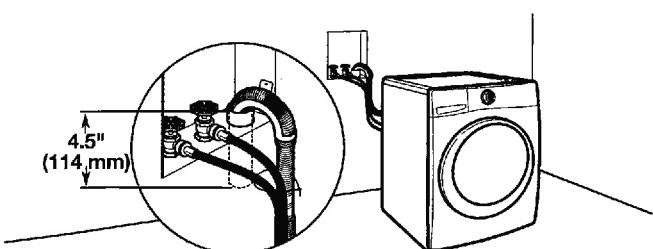
IMPORTANT: To avoid siphoning, only 4.5" (114 mm) of drain hose should be inside standpipe. Always secure drain hose with a cable tie.

Floor standpipe drain system



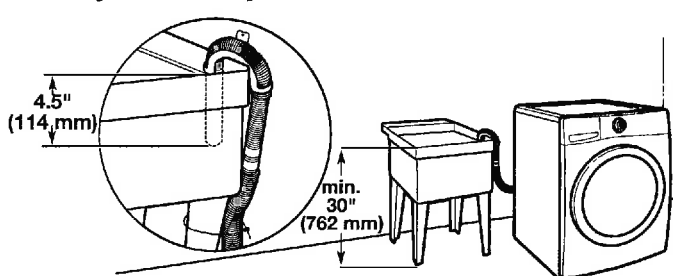
Minimum diameter for a standpipe drain: 2" (51 mm). Minimum carry-away capacity: 17 gal. (64 L) per minute. A 1/4" (6 mm) diameter to 1" (25 mm) diameter Standpipe Adapter Kit is available (Part Number 3363920). Top of standpipe must be at least 30" (762 mm) high; install no higher than 96" (2.44 m) from bottom of washer. If you have an overhead sewer and need to pump higher than 96" (2.44 m), a sump pump and associated hardware are needed. See "Alternate Parts".

Wall standpipe drain system



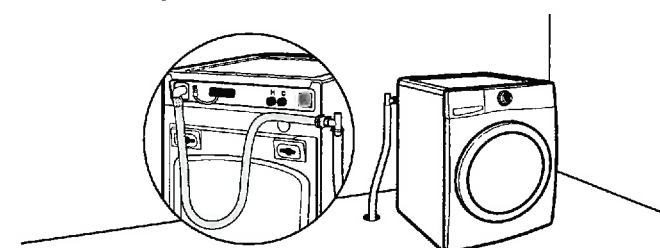
See requirements for floor standpipe drain system.

Laundry tub drain system



Minimum capacity: 20 gal. (76 L). Top of laundry tub must be at least 30" (762 mm) above floor; install no higher than 96" (2.44 m) from bottom of washer.

Floor drain system



Floor drain system requires a Siphon Break Kit (Part Number 285834), 2 Connector Kits (Part Number 285835), and an Extension Drain Hose (Part Number 285863) that may be purchased separately. See "Alternate Parts". Minimum siphon break height: 28" (710 mm) from bottom of washer. Additional hoses may be needed.

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.

165 Inn



SU901

SU901

- Dual Motor (1100 CFM) - EBM
- Pressure: 800 Pa
- Noise level: 66 dBA/5.1 sones

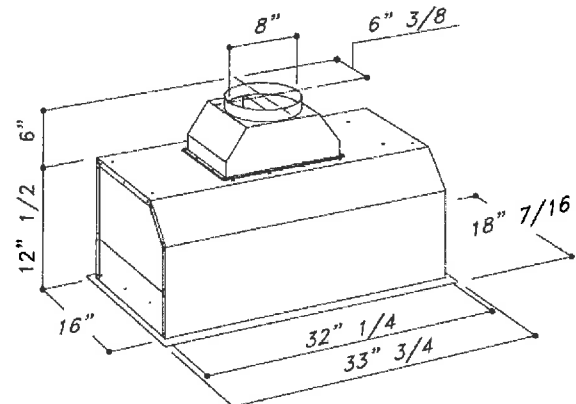


- Lighting: 2x20W Dichroic lamps



- Control panel: 4 speed push-button + timer delay off timer + light switch

- grease filter: commercial style baffle filters



Sirius

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