

Dimension Express Booklet

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Job Information:

Job Name: Dutton--Hassan

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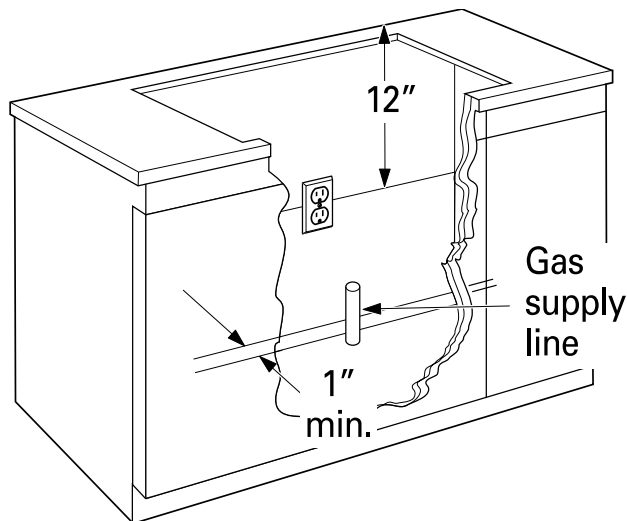
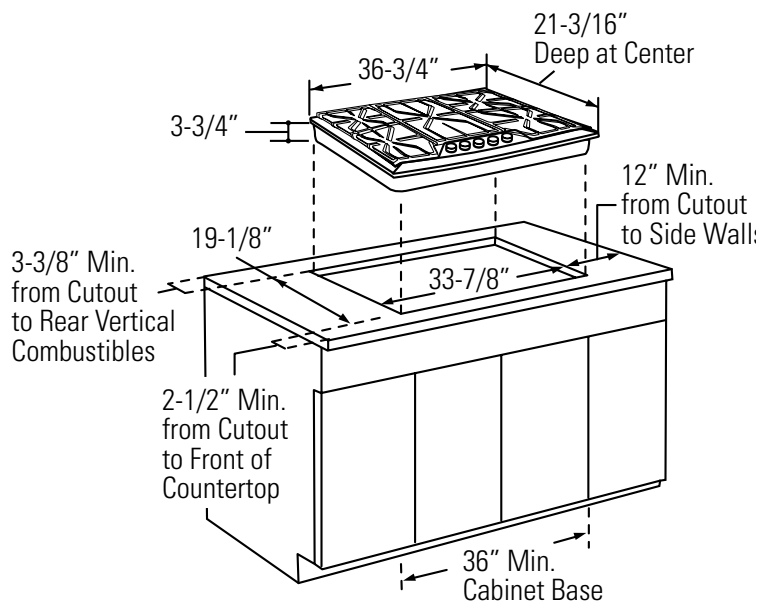
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ZGU385LSMSS/ZGU385NSMSS

GE Monogram® 36" Stainless Steel Gas Cooktop

Dimensions and Installation Information (in inches)



Note: The cooktop cutout is rectangular. The bowed front edge of the cooktop will sit on top of the counter. These cooktops may be installed in combination with a Monogram downdraft vent, a Monogram single oven or a Monogram warming drawer. See installation instructions for details.

Model ZGU385NSMSS - Natural Gas
Model ZGU385LSMSS - Liquid Propane

These stainless steel cooktops are factory set for natural or liquid propane gas. Be sure to order the correct model for the installation situation.

Note: Reference Instructions, GE Monogram 36" Stainless Steel Cooktop Installation, packed with product, for complete details. The house gas supply should be at least 1" from the back wall. The electrical outlet should be 12" below the countertop and within reach of the 4 ft. power cord.

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Installation Preparation

ADVANCE PLANNING

- Refer to "Installation Preparation" for information on appropriate placement and necessary clearances when planning installation.
- Avoid placing cabinetry directly above cooktop when possible.
- If cabinetry is used above cooking surface:
 - Use cabinets no more than 13" deep.
 - Maintain 30" minimum clearance between cooktop and unprotected cabinets directly above cooktop.
 - If clearance is less than 30", protect cabinet bottoms with flame-retardant millboard at least 1/4" thick, or gypsum board at least 3/16" thick, covered with 28 gauge sheet steel or .02" thick copper.
 - Clearance between cooktop and protected cabinetry must not be less than 24".
 - An exhaust hood that projects at least 5" beyond front of cabinets can reduce risk of burns caused by reaching over heated surface units.
 - Working areas adjacent to the cooktop should have 18" minimum clearance between countertop and cabinet bottom.
- A 36" or wider exhaust hood with 350 CFM or greater airflow rating is recommended for use over this Monogram cooktop.
- Installation must conform with local codes. In the absence of local codes, the gas cooktop must comply with the National Fuel Gas Code, ANSI Z223.1, latest edition.
- Gas supply should be located near the opening for this cooktop (see Preparing the Opening and Gas Connection sections of this manual). The supply should provide natural gas at 7" of water column pressure (11" of water column for LP gas) and a maximum of 14" of water column for natural or LP gas.
- The electric spark ignition feature for this model requires a 120V electrical power supply be located in the immediate vicinity of this cooktop (see Electrical Connections section of this manual).

WB28T10185 High Altitude Kit

For operation above 5,000 feet, order WB28T10185 Conversion Kit. This kit includes orifices for both LP and Natural gas operation.

INSTALLATION OPTIONS

Cooktop and ZVB36 Downdraft Vent Combination Installation

These cooktops may be installed with a 36" Monogram Downdraft Vent, model ZVB36. See page 12 for cutout and clearances.

- The countertop must have a deep flat surface to accommodate the combined installation of the cooktop and vent.
- The downdraft vent with blower, motor and ductwork will occupy the base cabinet.
- Consideration must be given to electrical and gas supply locations. See page 8.
- Read the Downdraft Vent Installation Instructions packed with the product, or to review ahead of time, order Pub. No. 49-80185.

Cooktop and ZTD910 or ZKD910 Warming Drawer Combination Installation

These cooktops may be installed over a Monogram 30" or 27" Warming Drawer, model ZTD910 or ZKD910. See page 13 for cutout and clearances.

- Consideration must be given to electrical and gas supply locations. See page 8.
- Read the Warming Drawer Installation Instructions packed with the product, or to review ahead of time, order Pub. No. 49-8937.

Cooktop and ZET1 or ZET938 Single Oven Combination Installation

These cooktops may be installed over a Monogram 30" Oven, model ZET1 or ZET938. See page 14 for cutout and clearances.

- Consideration must be given to electrical and gas supply locations. See page 8.
- Read the 30" Oven Installation Instructions packed with the product, or to review ahead of time, order Pub. No. 31-10633.

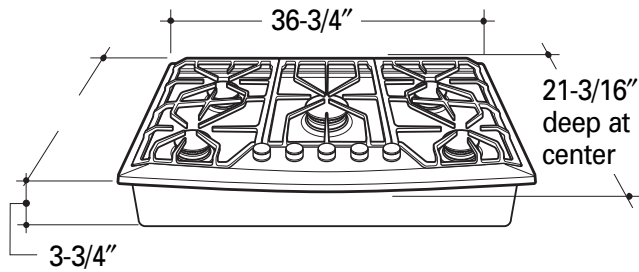
Installation Above Cabinet Drawers

- When installing the cooktop above a base cabinet with drawers, it may be necessary to use a shorter depth (front to back) drawer to allow clearance for the gas connection.

Installation Preparation

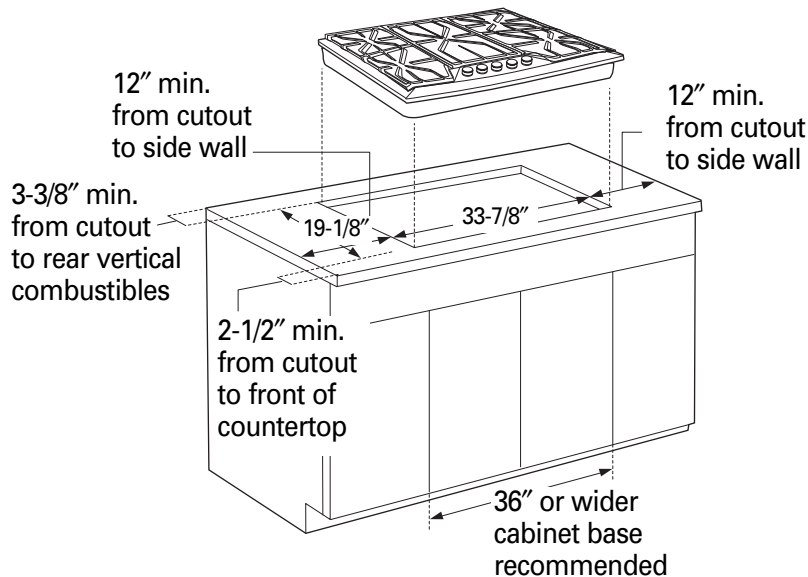
DIMENSIONS AND CLEARANCES

1. Overall cooktop dimensions:

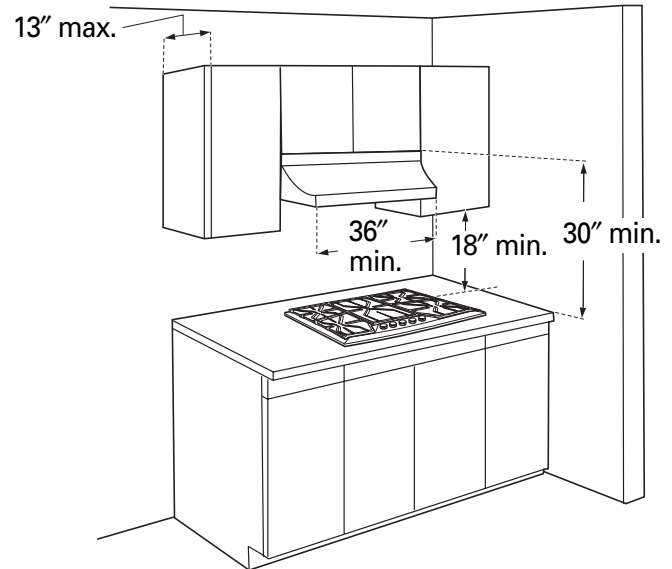


2. Use a 36" or wider base cabinet.

- Cut the opening in the countertop. To ensure accuracy, it is best to make a template for the opening. Make sure the sides of the opening are parallel and the rear and front cuts are exactly perpendicular to the sides.
- Observe all minimum clearances.



3. Make sure the wall coverings, countertop and cabinets around the cooktop can withstand heat (up to 200°F) generated by the cooktop.



Installation Preparation

POWER SUPPLY LOCATIONS

Gas supply:

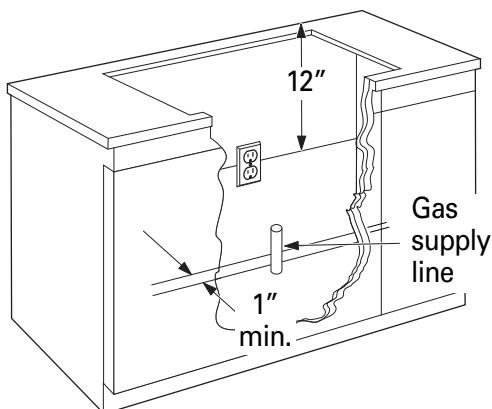
These cooktops are shipped from the factory set for either natural gas or LP gas. Check to be sure you have the correct cooktop for the type of gas being used.

- The pressure regulator must be connected in series with the manifold of the cooktop and must remain in series with the supply line regardless of type of gas being used.
- The natural gas model is designed to operate at 5" water column pressure. A regulator is required at the natural gas source to provide a minimum of 6" water column to the cooktop regulator.
- The liquid propane model is designed to operate at 10" water column pressure. A regulator is required at the LP source to provide a minimum of 11" water column to the cooktop regulator.
- Maximum inlet pressure for the regulator supplied with the cooktop is 14" water column regardless of the gas being used.

For ease of installation, and if local codes permit, the gas supply line into the cooktop should be 1/2" or 3/4" ID flexible metal appliance connector, three to five feet long.

NOTE: Purchase new flexible line. DO NOT USE OLD, PREVIOUSLY USED FLEXIBLE LINE.

- Make gas connection through rear wall, or on cabinet floor at rear, as illustrated.
1. Install the house gas supply at least 1" from the back wall.
 2. Locate the electrical outlet 12" below the countertop.



Install a manual shut-off valve in the gas line in an easily accessible location outside the cooktop. Be sure you know how and where to shut off the gas supply to the cooktop. Install the electrical outlet 12" below the countertop.

Electrical supply:

This cooktop features pilotless electric ignition for energy savings and reliability. It operates on a 120 volt, 60 Hz power supply. A separate circuit, protected by a 15 amp time delay fuse or circuit breaker, is required.

Optional Combination Installations

This cooktop may be installed in combination with a ZVB36 Monogram Downdraft Vent, a ZET1 or ZET938 Single Oven or a ZTD910 or ZKD910 Warming Drawer.

- The gas and electrical supply must be located where it will not interfere with vent housing, the oven or the warming drawer. Review pages 12 to 14 for additional installation requirements.
 - A properly-grounded 3-prong receptacle should be located within reach of the cooktop's four-foot power cord.
- IMPORTANT: (Please read carefully). FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED.**
- The power cord of this appliance is equipped with a three-prong (grounding) plug which mates with a standard three-prong grounding wall receptacle to minimize the possibility of electric shock hazard from this appliance.
 - The customer should have the wall receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded and has correct polarity.
 - Where a standard two-prong wall receptacle is encountered, it is the personal responsibility and obligation of the customer to have it replaced with a properly grounded three-prong wall receptacle.

Do Not, Under Any Circumstances, Cut Or Remove The Third (Ground) Prong From The Power Cord.

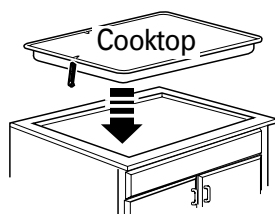
Do not use an extension cord.

Installation Instructions

1 INSTALL THE COOKTOP

- A. Remove the screws on the sides of the cooktop burner box. Use those screws to attach the side mounting brackets.
- B. Insert the cooktop centered into the cutout opening. Make sure the front edge of the countertop is parallel to the cooktop.

Check clearances at the front, back and sides.



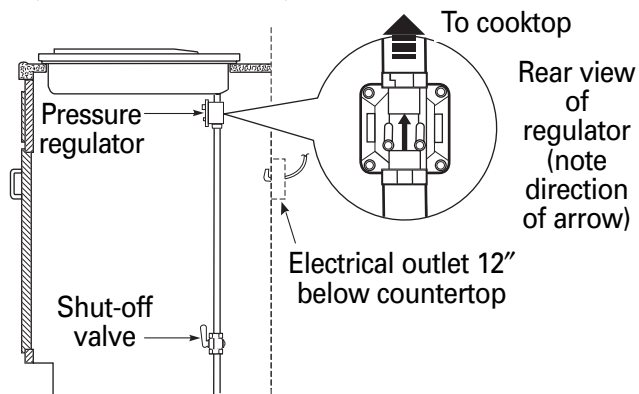
Secure the hold-down bracket to the cabinet sides with screws.

2 INSTALL PRESSURE REGULATOR

⚠ WARNING: Never reuse old flexible connectors. The use of old flexible connectors can cause gas leaks and personal injury. Always use new flexible connectors when installing a gas appliance.

To reduce the possibility of gas leaks, apply teflon tape or a thread compound approved for use with LP or Natural gases to all threaded connections.

- A. Screw the regulator onto the burner box bottom pipe connection. Make sure the top of the regulator is facing toward the cabinet front, and the arrow on the back of the regulator points to the cooktop.



- B. Complete the connection between the regulator and the shut-off valve.

2 INSTALL PRESSURE REGULATOR (cont.)

- C. Before testing for leaks, make sure all burner knobs are in the OFF position.

After connecting the cooktop to gas, check system for leaks with a manometer. If a manometer is not available, turn the gas supply on to the cooktop and use a liquid leak detector at all joints and connections to check for leaks.

Tighten all connections if necessary to prevent gas leakage in the cooktop or supply line.

⚠ WARNING: Do not use a flame to check for leaks.

Disconnect the cooktop and its individual shut-off valve from the gas supply piping system during any pressure testing of that system at test pressures greater than 1/2 psig (3.5 kPa).

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

3 CONNECT ELECTRICAL

- Check to be sure the receptacle is properly grounded.
- Plug in the power cord.

Installation Options

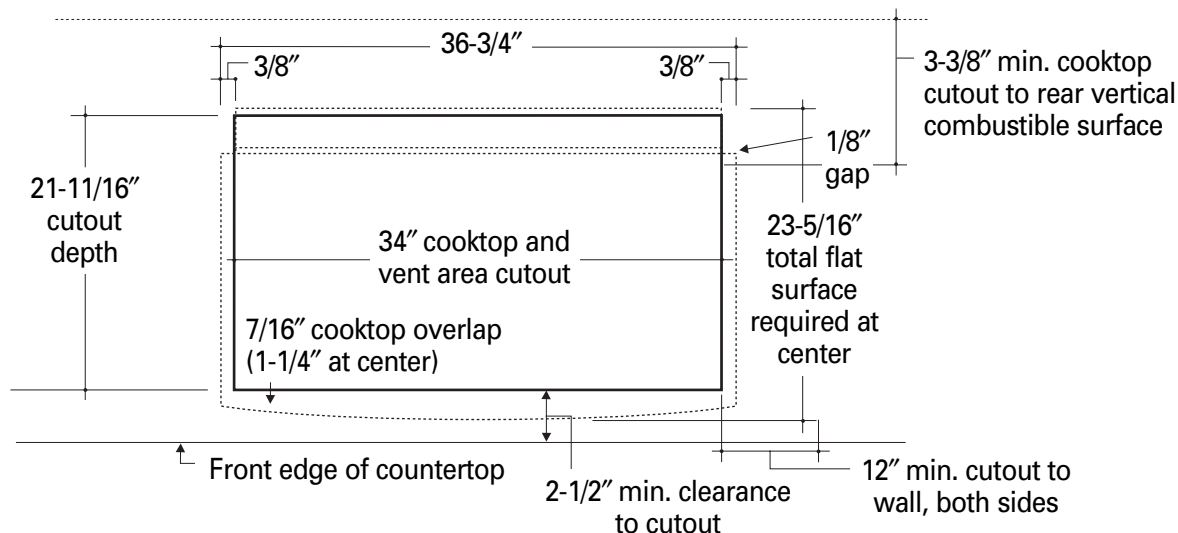
COOKTOP INSTALLATION WITH A 36" MONOGRAM DOWNDRAFT VENT, MODEL ZVB36

The installation of the downdraft vent with this cooktop requires careful consideration. Both the cooktop and the vent must be installed according to each specific installation instruction. For accurate planning, review the Downdraft Vent Installation Instructions in advance; order Pub. No. 49-80185.

COOKTOP REQUIREMENTS

The countertop must have a deep flat surface to accommodate the cooktop and vent. Countertops with a rolled front edge and backsplash will not provide the flat surface area required.

- Review the illustration to determine the countertop surface requirements.
- All cutout clearances for this installation must be observed.



BASE CABINET REQUIREMENTS

The combined installation will fit in a standard 24" deep base cabinet. Use a 36" or wider base cabinet.

- The vent housing, blower and ductwork will occupy the base cabinet.

POWER SUPPLY

If local codes permit, the vent and cooktop may operate from the same 120V, 15 amp duplex outlet. Locate the gas and electrical supply as shown on page 8.

Installation Options

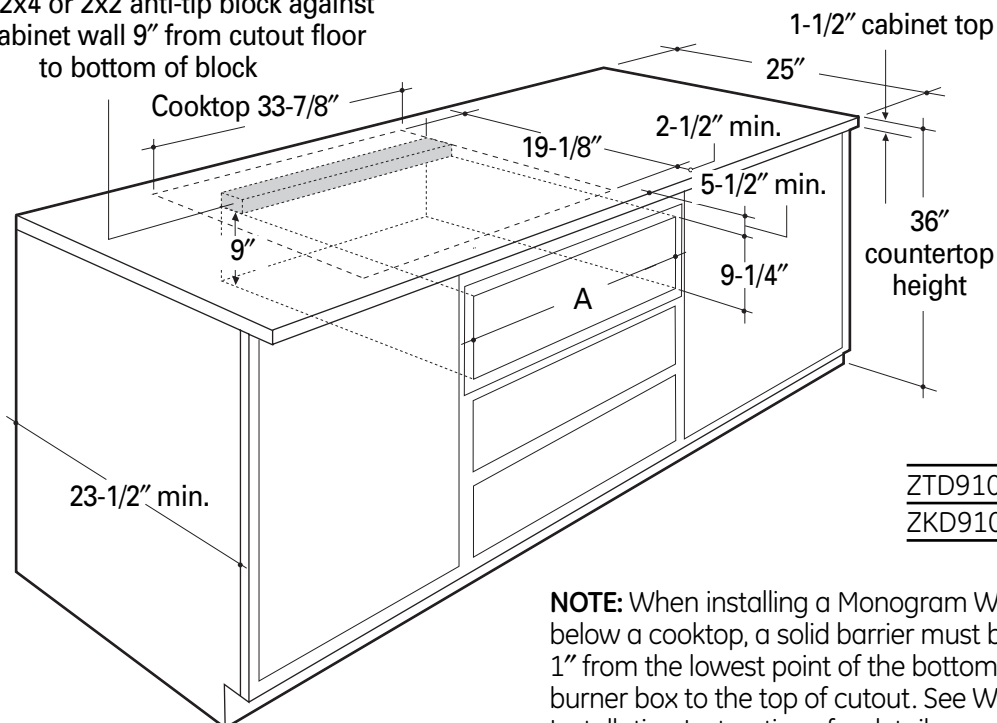
COOKTOP INSTALLATION OVER A MONOGRAM WARMING DRAWER, MODEL ZTD910 OR ZKD910

These cooktops may be installed over a 30" or 27" Warming Drawer. Both the cooktop and the warming drawer must be installed according to each specific installation instruction. For accurate planning, review the Warming Drawer Installation Instructions in advance; order Pub. No. 49-8937.

POWER SUPPLY:

If local codes permit, the cooktop and warming drawer may operate from the same 120V duplex outlet. Refer to installation instructions for details.

Install 2x4 or 2x2 anti-tip block against rear cabinet wall 9" from cutout floor to bottom of block



Dim. A

ZTD910	28-1/2"
ZKD910	25-1/2"

NOTE: When installing a Monogram Warming Drawer below a cooktop, a solid barrier must be installed at least 1" from the lowest point of the bottom of cooktop burner box to the top of cutout. See Warming Drawer Installation Instructions for details.

Use a 36" or wider base cabinet.

- Plan gas supply location carefully to avoid interference with the warming drawer.

Installation Options

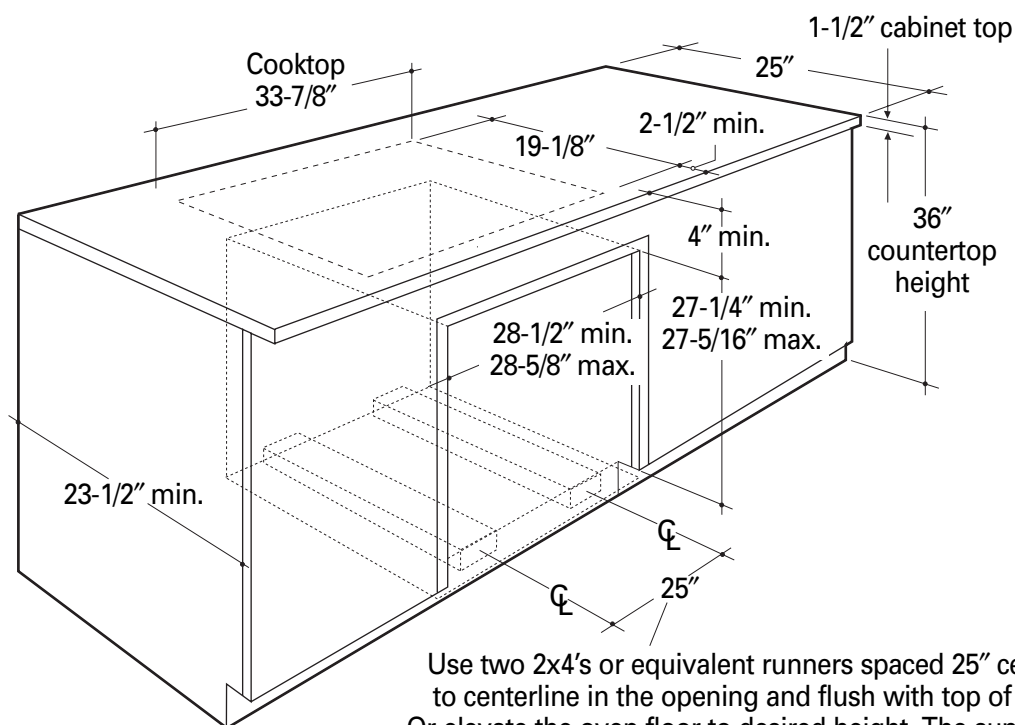
COOKTOP INSTALLATION OVER A 30" MONOGRAM SINGLE OVEN, MODEL ZET1 OR ZET938

These cooktops may be installed over the Monogram ZET1 or ZET938 single oven. Both the cooktop and the oven must be installed according to each specific installation instruction. For accurate planning, review the 30" Oven Installation Instructions in advance; order Pub. No. 31-10633.

- Allow 4" Min. clearance from the top of the countertop to the top of the oven cutout.

POWER SUPPLY

The oven requires a separate, properly grounded 20 Amp, 3-wire 208 or 240 volt, 60 Hz power supply. The cooktop requires a separate 120V power supply. See page 8. Where codes permit, the gas shut-off valve may be located in an adjacent cabinet or other easily accessible location.



Use two 2x4's or equivalent runners spaced 25" centerline to centerline in the opening and flush with top of toekick. Or elevate the oven floor to desired height. The support must be level, rigidly mounted and capable of supporting 200 lbs.

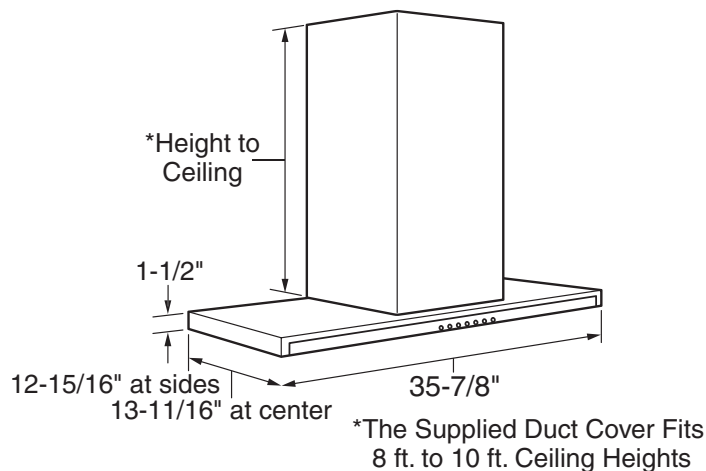
Use a 36" or wider base cabinet.

- For best appearance, the cooktop should be centered over the oven.


Monogram®

ZV800SJ/BJ – GE Monogram™ 36" Chimney Hood

Dimensions and Specifications (in inches)



Note: The vent hood canopy extends forward 5-7/8"

The vent hood must be installed 24" min., and 30" max. above the cooking surface. The telescopic duct cover conceals the ductwork running from the top of the hood to the ceiling. The duct cover is sized to reach 8 ft. to 10 ft. ceiling heights.

The hood installation height, from the cooking surface to the bottom of the hood, depends upon ceiling height.

Installation Information: Before installing, consult installation instructions packed with product, or available online at monogram.com, for current dimensional data.



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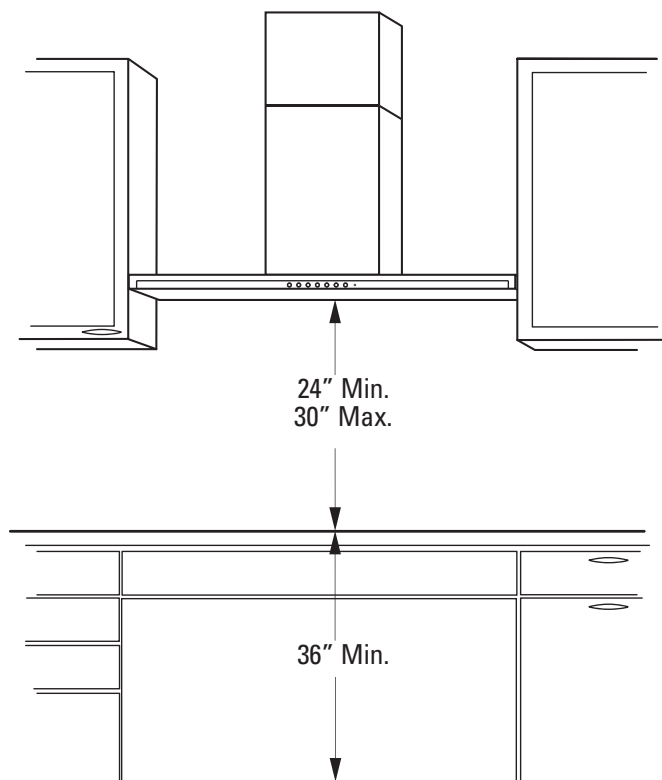

Monogram®

ZV800SJ/BJ – GE Monogram™ 36" Chimney Hood

Wall Mount Installations

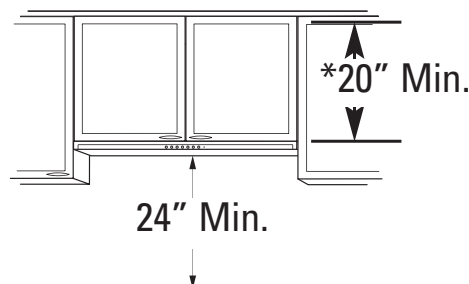
These hoods may be installed onto a wall or below a wall cabinet.

- Telescopic duct covers are provided to conceal the ductwork, running to the ceiling.
- This hood can be installed for recirculation operation. No kits required.



The vent hood must be installed 24" min. and 30" max. above the cooking surface. The hood installation height, from the cooking surface to the bottom of the hood, depends upon ceiling height.

Installation Below a Cabinet



*The cabinet must measure at least 20" from the bottom frame to the inside top. The hood housing will occupy the interior cabinet space.

Installation Below A Wall Cabinet

Order a cabinet that is at least 20" high from the bottom frame to the inside top. The cabinet must be at least 12" deep.

- The hood installation height is determined by the ceiling height.
- The hood installation height must be 24" Min. above the cooking surface.



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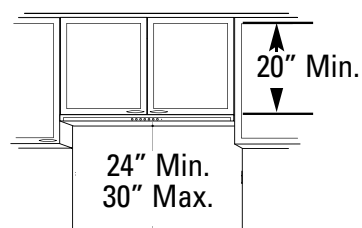

Monogram®

ZV800SJ/BJ – GE Monogram™ 36" Chimney Hood

Cabinet Requirements

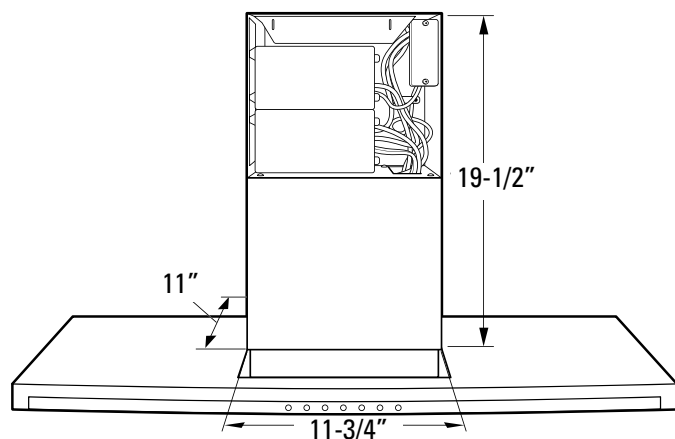
This hood may be installed beneath a wall-mounted cabinet.

- Both vented and recirculating operation can be accomplished in an under-cabinet installation.
- If the cabinet has been installed, it must be removed so that wall framing supports can be added.



The cabinet must be at least 20" high between the bottom frame and the inside top. A custom cabinet or modifications to a different size cabinet may be required to accommodate the hood housing.

- The cabinet must be 36" wide.
- The cabinet must be firmly secured to wall studs or the added framing support and capable of supporting 100 pounds.



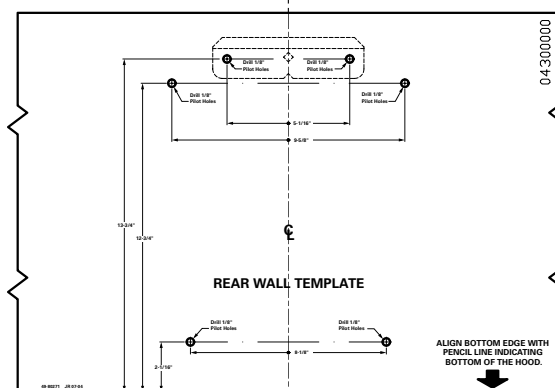
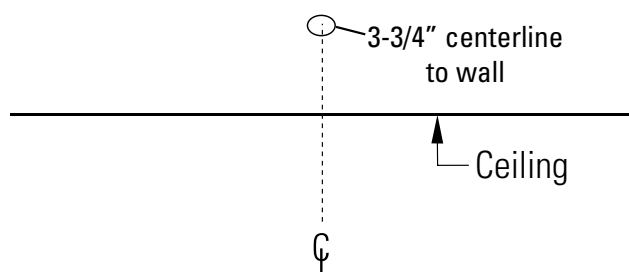
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Ductwork, Wiring

- Determine the exact location of the vent hood.
- Locate the Rear Wall Template packed with the literature.
- Measure 36" from the floor to the top of the cooking surface. Add the pre-determined hood installation height. Mark that location.
- Use a level to draw a straight pencil line on the wall.



- Tape the template in position along the penciled line. Check to be sure the template is level.
- Use the level to draw a line straight up, from the centerline on the template to the ceiling.
- Measure 3-3/4" from the back wall to the centerline of a 6-1/2" hole on the ceiling.

NOTE: If drywall is not present, add drywall thickness to the 3-3/4" dimension.

House Wiring Location:

- The junction box is located on the top right side of the hood.
- Wiring should enter the back wall 20" to 26" above the bottom of the hood, and within 4" of the right side of the centerline. Wiring should enter at least 4" above the bracket on the right side.

Design Information

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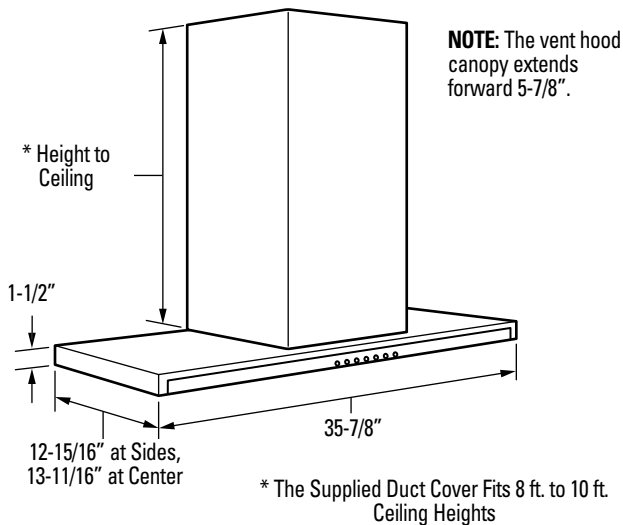
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PRODUCT DIMENSION AND CLEARANCE

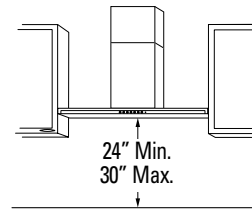


The vent hood must be installed 24" min., and 30" max. above the cooking surface. The telescopic duct cover conceals the ductwork running from the top of the hood to the ceiling.

The duct cover is sized to reach 8 ft. to 10 ft. ceiling heights.

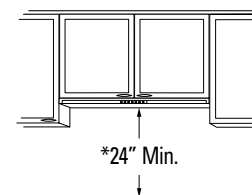
The hood installation height, from the cooking surface to the bottom of the hood, depends upon ceiling height.

INSTALLATION OPTIONS



WALL-MOUNTED INSTALLATIONS

This hood may be installed onto a wall and vented to the outdoors, or it can be installed for recirculating operation. All necessary parts for a recirculating operation are shipped with the hood. No kits required.



*Depending on Cabinet Height

UNDER-CABINET INSTALLATIONS

The hood may be installed beneath a cabinet. The cabinet must measure at least 20" from the bottom frame to the inside top. See page 19.

- Both vented and recirculating operation can be accomplished in an under-cabinet installation. (Custom cabinet modification is required for recirculating operation.)

Installation Preparation

ADVANCE PLANNING

- Determine the exact location of the vent hood.
- Plan the route for venting exhaust to the outdoors.
- Use the shortest and straightest duct route possible. For satisfactory performance, duct run should not exceed 100 ft. equivalent length for any duct configurations.
- Refer to "Duct Fittings" chart to compute the maximum permissible length for duct runs to the outdoors.

CAUTION: To reduce risk of fire and to properly exhaust air, be sure to duct air outside – do not vent exhaust air into spaces within walls or ceilings or into attics, crawl spaces, or garages.

PRUDENCE : Il faut prendre soin d'installer un conduit vers l'extérieur pour réduire le risque d'incendie et pouvoir évacuer l'air correctement. Il ne faut pas évacuer l'air correctement. Il ne faut pas évacuer l'air dans l'espace entre les parois d'un mur, un plafond ou un grenier, un espace sanitaire ou un garage.

- Use metal ductwork only. These hoods must use 6" round duct. It can transition to 3-1/4" x 12", reducing the maximum equivalent duct length to 75 feet.
- Install a wall cap with damper or roof cap at the exterior opening. Order the wall or roof cap and any transition needed in advance.

Wall Framing for Adequate Support

- This vent hood is heavy. Adequate structural support must be provided in all types of installations. The hood must be secured to vertical studs in the wall, or to a horizontal support. For wall mounting installations, see pages 9 and 14. For under-cabinet installations, see page 20.
- The vent hood and wall cabinet, if used, should be on site before final framing and wall finishing. This will also help to accurately locate the duct work and electrical service.

POWER SUPPLY

IMPORTANT – (Please read carefully)

WARNING:

FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED.

ADVERTISSEMENT :
POUR DES RAISONS DE SÉCURITÉ, CET APPAREIL DOIT ÊTRE CORRECTEMENT MIS À LA TERRE.

Remove house fuse or open circuit breaker before beginning installation.

Do not use an extension cord or adapter plug with this appliance. Follow National electrical codes or prevailing local codes and ordinances.

Electrical supply

These vent hoods must be supplied with 120V, 60Hz, and connected to an individual, properly grounded branch circuit, and protected by a 15 or 20 amp circuit breaker or time delay fuse.

- Wiring must be 2 wire with ground.
- If the electrical supply does not meet the above requirements, call a licensed electrician before proceeding.

- Route house wiring through conduit as close to the installation location as possible, in the ceiling or back wall.
- Use a conduit connector to secure the conduit to the junction box.
- Connect the wiring to the house wiring in accordance with local codes.

Grounding instructions

The grounding conductor must be connected to a ground metal, permanent wiring system, or an equipment-grounding terminal or lead on the hood.

WARNING: The improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative if you are in doubt whether the appliance is properly grounded.

ADVERTISSEMENT :

Le mauvais branchement du fil de mise à la terre peut causer un choc électrique. En cas de doute, consulter un électricien qualifié ou un technicien pour déterminer si l'appareil est à la terre.

Installation Preparation

DUCT FITTINGS

Use this chart to compute maximum permissible lengths for duct runs to outdoors.

NOTE: Do not exceed maximum permissible equivalent lengths!

Maximum duct length:
100 foot for 6" round duct
75 foot for 3-1/4" x 12" duct

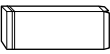
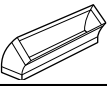
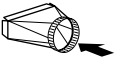
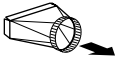
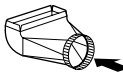
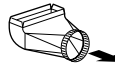
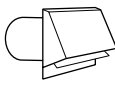
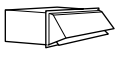
Flexible ducting:

If flexible metal ducting is used, all the equivalent feet values in the table should be doubled. The flexible metal duct should be straight and smooth and extended as much as possible.

DO NOT use flexible plastic ducting.

NOTE: Any home ventilation system, such as a ventilation hood, may interrupt the proper flow of combustion air and exhaust required by fireplaces, gas furnaces, gas water heaters and other naturally vented systems. To minimize the chance of interruption of such naturally vented systems, follow the heating equipment manufacturer's guidelines and safety standards such as those published by NFPA and ASHRAE.

**This Hood Must Use a
 6" Round Duct.
 It Can Transition To
 3-1/4" x 12" Duct**

Duct Piece	Dimensions	Equivalent Length*	Quantity Used	Total Equivalent Length
	Round, straight	1 ft. (per foot length)		
	3-1/4" x 12" 3-1/4" x 24" straight	1 ft. (per foot length)		
	6" Round 90° elbow	15 ft.		
	6" Round 45° elbow	8 ft.		
	3-1/4" x 12" 90° elbow	11 ft.		
	3-1/4" x 12" or 45° elbow	6 ft.		
	3-1/4" x 12" 90° flat elbow	24 ft.		
	6" round to 3-1/4" x 12" or 3-1/4" x 24" transition	1 ft.		
	3-1/4" x 12" to 6" round transition	8 ft.		
	6" round to 3-1/4" x 12" or transition 90° elbow	16 ft.		
	3-1/4" x 12" to 6" round round transition 90° elbow	17 ft.		
	6" round wall cap with damper	30 ft.		
	3-1/4" x 12" wall cap with damper	30 ft.		
	6" Round roof cap	26 ft.		
	6" Round roof vent	26 ft.		

*Actual length of straight duct plus duct fitting equivalent. Equivalent length of duct pieces are based on actual tests conducted by GE Evaluation Engineering and reflect requirements for good venting performance with any ventilation hood.

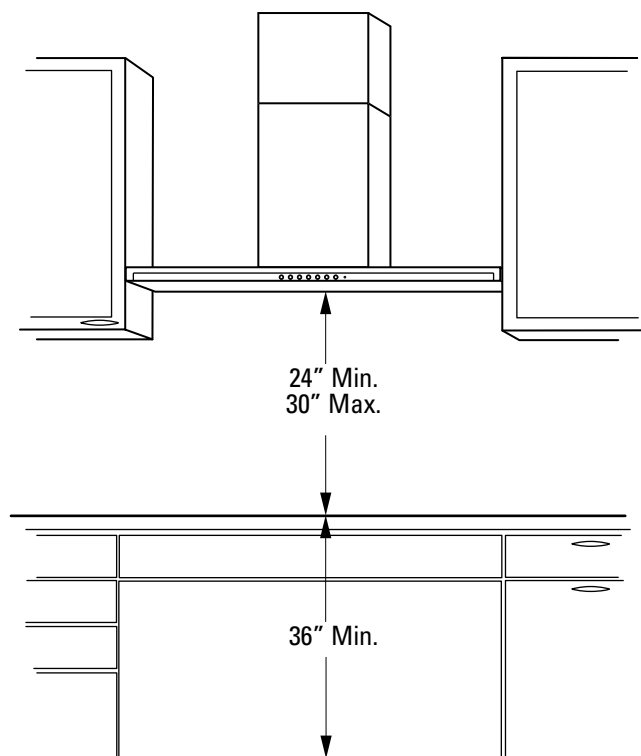
Total Duct Run _____

Installation Preparation

WALL MOUNT INSTALLATIONS

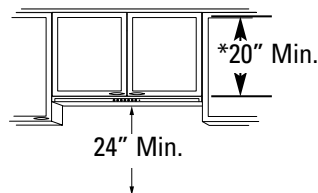
These hoods may be installed onto a wall or below a wall cabinet.

- Telescopic duct covers are provided to conceal the ductwork, running to the ceiling.
- This hood can be installed for recirculating operation. No kits required.



The vent hood must be installed 24" min. and 30" max. above the cooking surface. The hood installation height, from the cooking surface to the bottom of the hood, depends upon ceiling height.

INSTALLATION BELOW A CABINET



*The cabinet must measure at least 20" from the bottom frame to the inside top. The hood housing will occupy the interior cabinet space.

Wall Mount ZV800 Installation Heights

Actual Ceiling Height	*Possible VENTED Installation Height	*Possible RECIRCULATING Installation Height
7' 11"	24" to 27"	24" to 25"
8' 0"	24" to 28"	24" to 26"
8' 1"	24" to 30"	24" to 27"
8' 2"	24" to 30"	24" to 28"
8' 3"	24" to 30"	24" to 29"
8' 4"	24" to 30"	24" to 30"
8' 5"	24" to 30"	24" to 30"
8' 6"	24" to 30"	24" to 30"
8' 7"	24" to 30"	24" to 30"
8' 8"	24" to 30"	24" to 30"
8' 9"	24" to 30"	24" to 30"
8' 10"	24" to 30"	24" to 30"
8' 11"	24" to 30"	24" to 30"
9' 0"	24" to 30"	24" to 30"
9' 1"	24" to 30"	24" to 30"
9' 2"	24" to 30"	24" to 30"
9' 3"	24" to 30"	24" to 30"
9' 4"	24" to 30"	24" to 30"
9' 5"	24" to 30"	24" to 30"
9' 6"	24" to 30"	24" to 30"
9' 7"	25" to 30"	24" to 30"
9' 8"	26" to 30"	24" to 30"
9' 9"	27" to 30"	24" to 30"
9' 10"	28" to 30"	24" to 30"
9' 11"	29" to 30"	25" to 30"
10'	30"	26" to 30"

*Based on 36" countertop height.

INSTALLATION BELOW A WALL CABINET

Order a cabinet that is at least 20" high from the bottom frame to the inside top. The cabinet must be at least 12" deep.

- The hood installation height is determined by the ceiling height.
- The hood installation height must be 24" Min. above the cooking surface.

Installation Instructions

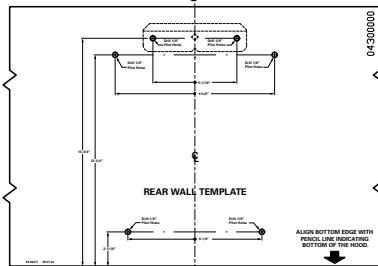
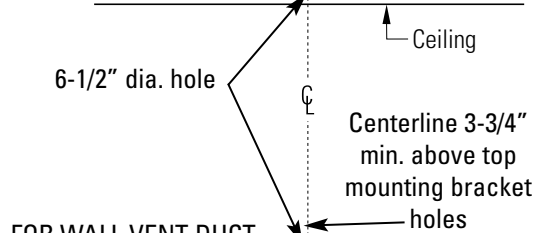
WALL-MOUNTED INSTALLATION—VENTED TO THE OUTSIDE

DUCTWORK, WIRING LOCATIONS

Determine the exact location of the vent hood.

- Locate the template packed with the literature.
 - Measure 36" from the floor to the top of the cooking surface. Add hood installation height determined on page 7. Mark that location.
 - Use a level to draw a straight pencil line on the wall.

3-3/4" centerline to wall → FOR CEILING VENT DUCTING



- Tape the template in position along the penciled line. CHECK TO BE SURE THE TEMPLATE IS LEVEL.

Ceiling ducting:

If ductwork will vent straight up to the ceiling:

- Use a level to draw a line straight up, from the centerline on the template to the ceiling.
- Measure 3-3/4" from the back wall to the centerline of a 6-1/2" hole on the ceiling.

NOTE: If drywall is not present, add drywall thickness to the 3-3/4" dimension.

Wall Ducting:

If ductwork will vent to the rear:

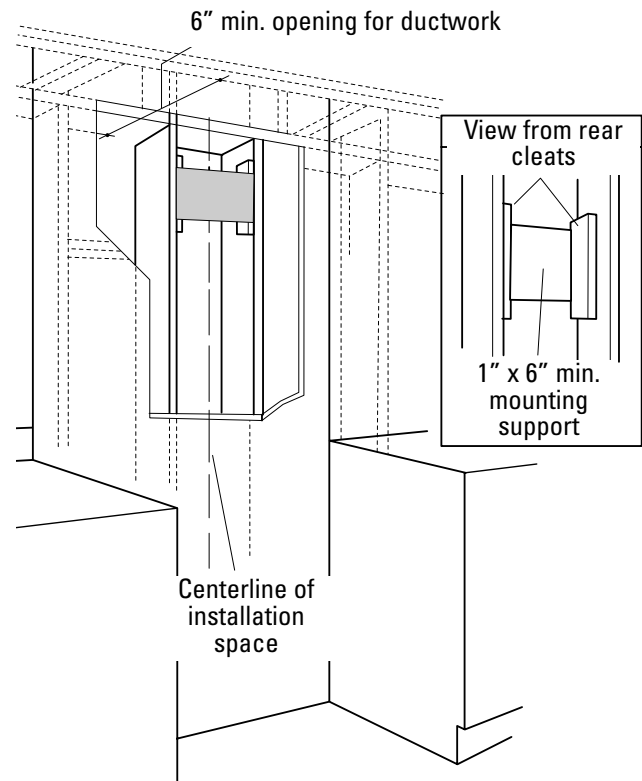
- Use a level to draw a line straight up from the centerline on the template.
- Measure at least 3-3/4" above the top mounting bracket holes shown on the template to the centerline of a 6-1/2" dia. duct hole. (Hole may be elongated for duct elbow.)

HOUSE WIRING LOCATION:

- The junction box is located on the top right side of the hood.
- Wiring should enter the back wall 20" to 26" above the bottom of the hood, and within 4" of the right side of the centerline. Wiring should enter at least 4" above the bracket on the right side.

1 INSTALL FRAMING FOR HOOD SUPPORT

IMPORTANT — Framing must be capable of supporting 100 lbs.



If drywall is present, mark the screw hole locations for the top mounting brackets. Remove the template.

- Cut away enough drywall to expose 2 vertical studs at the bracket location indicated on the template.
- Install a horizontal support at least 1" x 6" between two wall studs at the top bracket installation location. **The horizontal support must be flush with the room side of the studs.** Use cleats behind both sides of the support to secure to wall studs.
- Reinstall drywall.

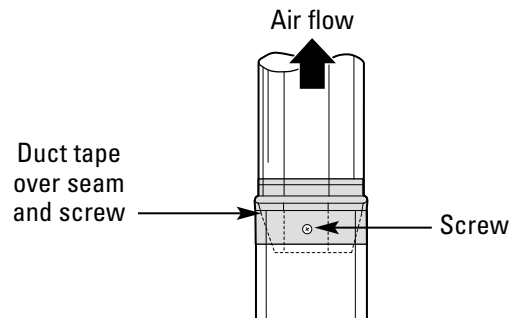
Installation Instructions

WALL-MOUNTED INSTALLATION—VENTED TO THE OUTSIDE

6 CONNECT DUCTWORK

- Install ductwork, making connections in direction of airflow as illustrated.
- Push duct over the exhaust outlet and damper.
- Secure joints in ductwork with sheetmetal screws.
- Wrap all duct joints with duct tape for an airtight seal.
- Use duct tape to seal the flange connections.

CAUTION: Do not use sheet metal screws at the hood flange connection. Doing so will prevent proper damper operations. Seal connection with tape only.



PRUDENCE :

Il ne faut pas utiliser de vis autotaraudeuses à la connexion du collet de la hotte. Ceci empêcherait le bon fonctionnement du registre. N'utiliser que du ruban adhésif pour assurer l'étanchéité du raccord.

7 CONNECT ELECTRICAL

Verify that power is turned off at the source.

WARNING: If house wiring is not 2-wire with a ground wire, a ground must be provided by the installer. When house wiring is aluminum, be sure to use U.L. approved anti-oxidant compound and aluminum-to-copper connectors.

ADVERTISSEMENT :

Si la maison n'est pas câblée avec deux fils et un fil de terre, l'installateur doit installer un fil de terre. Quand les fils sont en aluminium, il faut prendre soin d'utiliser des connecteurs aluminium à cuivre avec une pâte antioxydante approuvée par U.L.

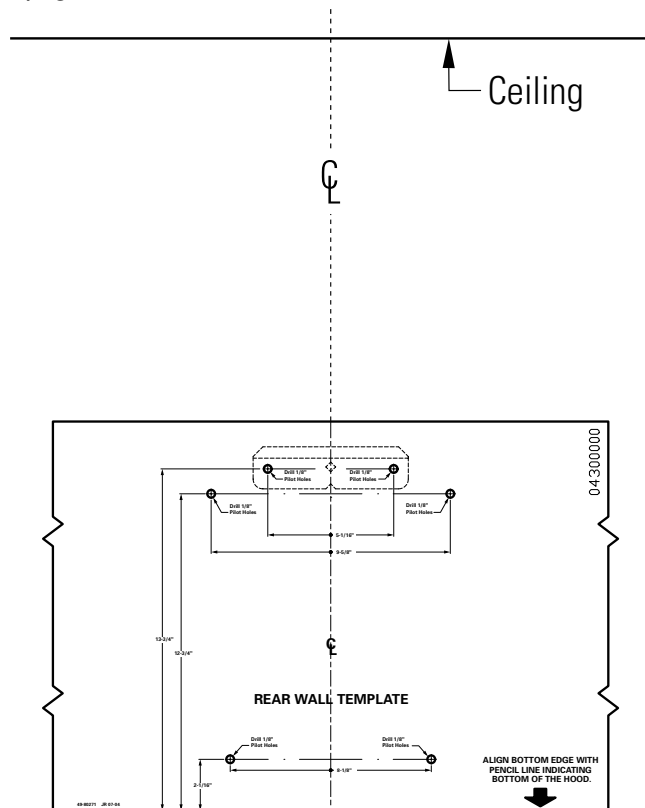
- Remove junction box cover and knockout.
- Use a conduit connector to secure the conduit to the junction box.
- Connect white leads to branch circuit white lead.
- Connect black leads to branch circuit black lead.
- Connect green/yellow leads to branch circuit green lead or bare ground lead.
- Secure all connections with wire nuts on each electrical connector.
- Push wires into junction box and replace cover. Be sure wires are not pinched.
- Secure electrical panel cover with original screws.

Installation Instructions

WALL-MOUNTED INSTALLATION—RECIRCULATING

DUCTWORK, WIRING LOCATIONS

- Determine the exact location of the vent hood.
- Locate the template packed with the literature.
- Measure 36" from the floor to the top of the cooking surface. Add hood installation height determined on page 7. Mark that location.



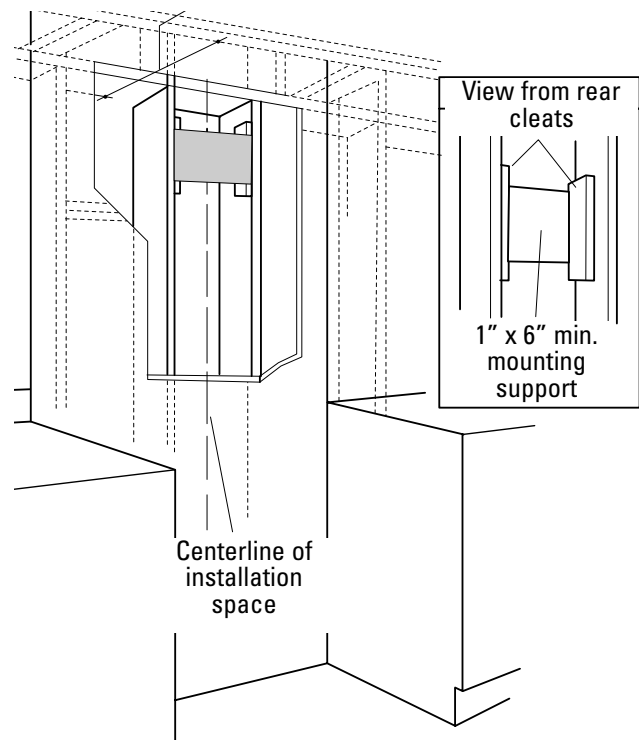
- Tape the template in position along the penciled line. **CHECK TO BE SURE THE TEMPLATE IS LEVEL.**
- Use a level to draw a line straight up, from the centerline on the template to the ceiling.

HOUSE WIRING LOCATION:

- The junction box is located on the top right side of the hood.
- Wiring should enter the back wall 20" to 26" above the bottom of the hood, and within 4" of the right side of the centerline.

1 INSTALL FRAMING FOR HOOD SUPPORT

IMPORTANT: Framing must be capable of supporting 100 lbs.



If drywall is present, mark the screw hole locations for the top mounting brackets. Remove the template.

- Cut away enough drywall to expose 2 vertical studs at the bracket location indicated on the template.
- Install a horizontal support at least 1" x 6" between two wall studs at the top bracket installation location. **The horizontal support must be flush with the room side of the studs.** Use cleats behind both sides of the support to secure to wall studs.
- Reinstall drywall.

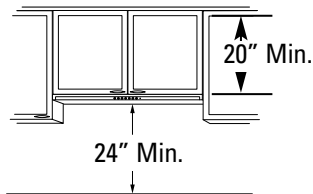
Installation Instructions

UNDER-CABINET INSTALLATION

CABINET REQUIREMENTS

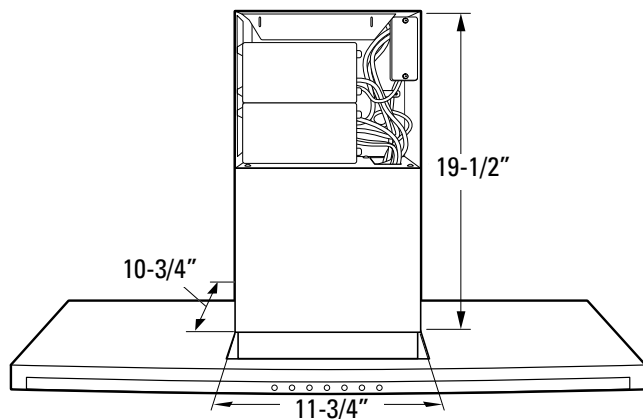
This hood may be installed beneath a wall-mounted cabinet.

- If the cabinet has been installed, it must be removed so that wall framing supports can be added.



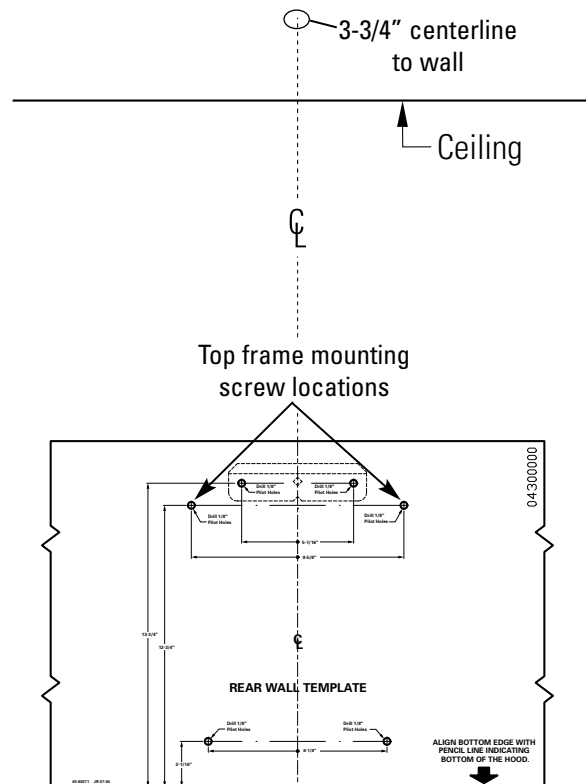
The cabinet must be at least 20" high between the bottom frame and the inside top. If the cabinet is not 20" from bottom to inside top, a custom cabinet or modifications to a different size cabinet and/or soffit may be required to accommodate the hood housing.

- The cabinet must be 36" wide and at least 12" deep.
- The cabinet must be firmly secured to wall studs or the added framing support and capable of supporting 100 pounds.



DUCTWORK, WIRING

- Determine the exact location of the vent hood.
- Locate the Rear Wall Template packed with the literature.
- Measure 36" from the floor to the top of the cooking surface. Add the pre-determined hood installation height. Mark that location.
- Use a level to draw a straight pencil line on the wall.



- Tape the template in position along the penciled line. Check to be sure the template is level.
- Use the level to draw a line straight up, from the centerline on the template to the ceiling.
- Measure 3-3/4" from the back wall to the centerline of a 6-1/2" hole on the ceiling.

NOTE: If drywall is not present, add drywall thickness to the 3-3/4" dimension.

HOUSE WIRING LOCATION:

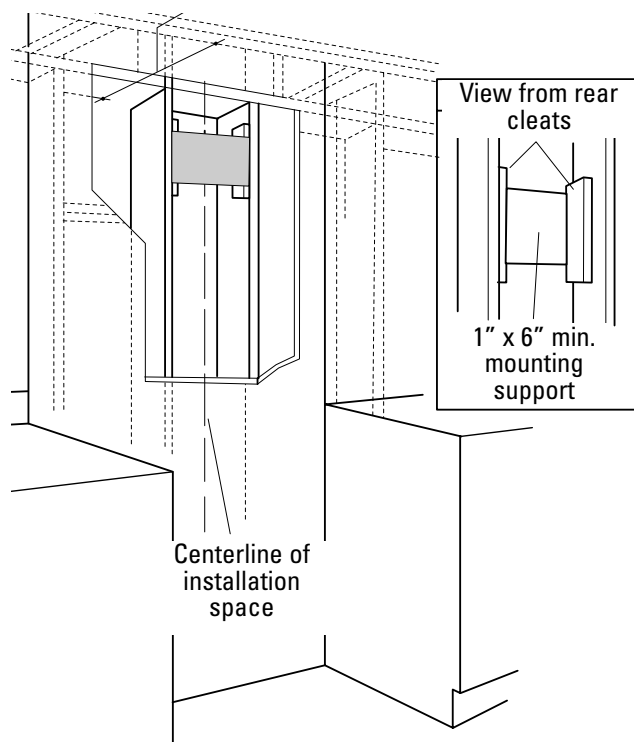
- The junction box is located on the top right side of the hood.
- Wiring should enter the back wall 20" to 26" above the bottom of the hood, and within 4" of the right side of the centerline. Wiring should enter at least 4" above the right side of the frame.

Installation Instructions

UNDER-CABINET INSTALLATION

1 INSTALL FRAMING FOR HOOD SUPPORT

IMPORTANT: Framing must be capable of supporting 100 lbs.

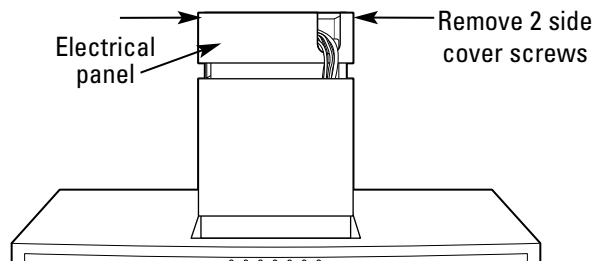


If drywall is present, mark the screw hole locations for the top mounting brackets. Remove the template.

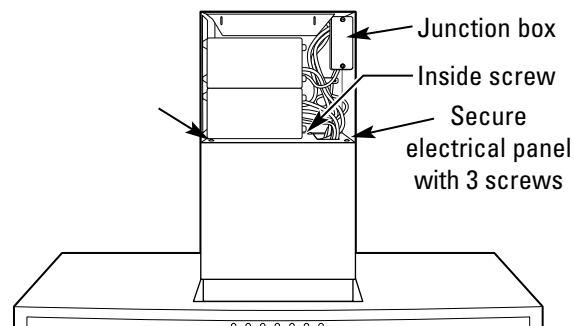
- Cut away enough drywall to expose 2 vertical studs at the bracket location indicated on the template.
- Install a horizontal support at least 1" x 6" between two wall studs at the top bracket installation location. **The horizontal support must be flush with the room side of the studs.** Use cleats behind both sides of the support to secure to wall studs.
- Reinstall drywall.

2 PREPARE THE HOOD

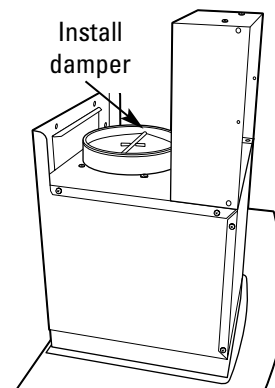
- Remove the hood from the box. Remove packaging and tape.



- Remove one screw on each side of the cover on the electrical panel. Lift off the cover and set aside with screws.



- Stand the electrical panel upright.
- Align the screw holes in the bottom of the panel with the holes on the base of the hood at the front side.
- Install 3 screws provided.
- Snap the damper into the exhaust outlet on the top of the hood.



Installation Instructions

UNDER-CABINET INSTALLATION

3 CUT THE OPENING

If the cabinet has been installed, remove it from the wall.

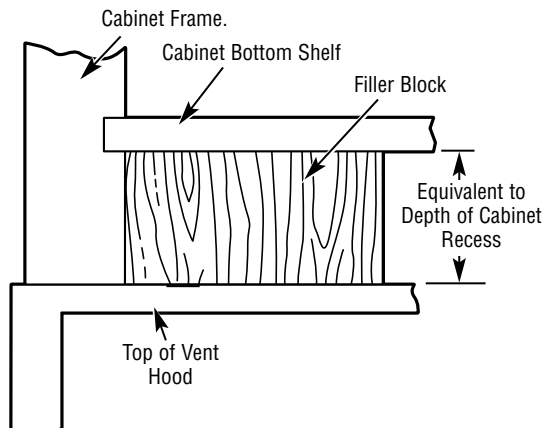
- Use the Top Cabinet Template to locate and cut a hole in the bottom of the cabinet.
- If necessary, place the template on top of the cabinet to accurately cut a matching hole.
- Install the cabinet onto the wall.

The cabinet must be firmly secured to the wall and be capable of supporting 100 lbs.

INSTALL WOOD BLOCKS IF NECESSARY

- Install filler blocks whenever the cabinet frame hangs below the cabinet bottom.
- Install filler blocks whenever the cabinet bottom is less than 3/4" thick.
- Install the filler blocks on each side of the cutout. The filler blocks will accept the hood mounting screws.

NOTE: Additional filler blocks may be required along the outside edges to accept the outside screws. See Step 5.



IMPORTANT: If filler blocks are not used, the hood may not be secured to the cabinet.

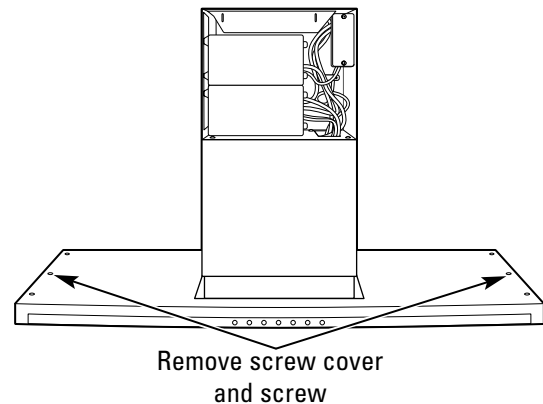
4 INSTALL SIDE "L" BRACKETS



- Install the "L" brackets onto each side of the cutout. The wide flat portion should be on top of the opening. Install 2 screws into the top of each bracket.

5 REMOVE SIDE SCREW

The top center screw on both sides of the hood can be used to close up any noticeable gaps at the outside edges. See illustration.

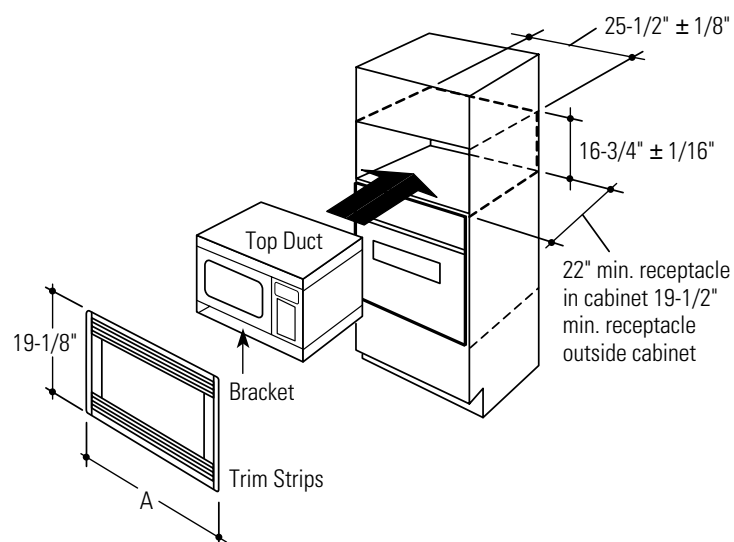


- Remove the center screw cover and screw on each side as shown.


Monogram®

ZE2160SF – GE Monogram® Microwave Oven

Dimensions (in inches)



Installation option shown includes: ZE2160 full-size microwave oven built-in with a JX2127SS trim kit above a GE Monogram 27" single wall oven or a JX2130SS trim kit above a GE Monogram 30" single wall oven.

Exterior Dimensions (in inches)

W x H x D	24 x 14 x 19-1/2*
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*Depth excludes handle.

Accessory Trim Kits	"A"	Trim Kits
30" Deluxe	29-3/4"	JX2130SS
27" Deluxe	26-5/8"	JX2127SS

Note: JX2127SS or JX2130SS kit is required for in-cabinet installation.

Installation Information: This information is not intended to be used for installing unit described. Before installing, consult installation instructions packed with product/kit for current dimensional data.



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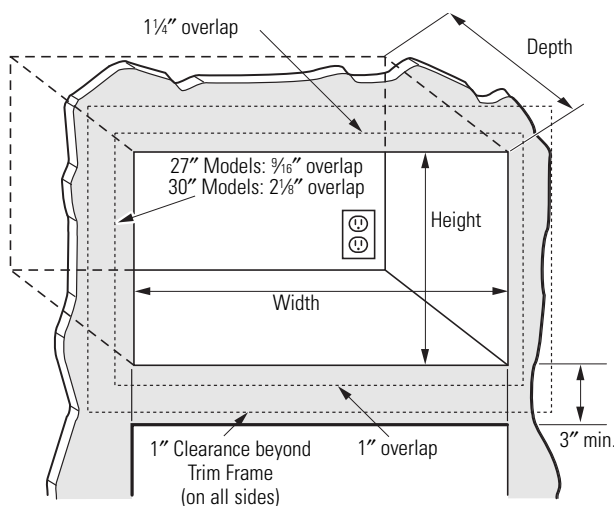
For answers to your Monogram®, GE Profile™ or GE appliance questions, visit our website at GEAppliances.com or call GE Answer Center® service, 800.626.2000.

Installation Instructions

1 CUTOUT DIMENSIONS

Models	27"	30"
Height	16 $\frac{3}{4}$ "	16 $\frac{3}{4}$ "
Width	25 $\frac{1}{2}$ "	25 $\frac{1}{2}$ "
Depth (min.)*	19 $\frac{1}{2}$ " or 22"	19 $\frac{1}{2}$ " or 22"

* Min. depth with receptacle outside cabinet 19 $\frac{1}{2}$ "
Min. depth with receptacle inside cabinet 22"



CAUTION

This trim kit uses air flow from the top, bottom and sides of the trim frame. Blocking the air flow can cause the microwave to function improperly and may cause damage to the microwave.

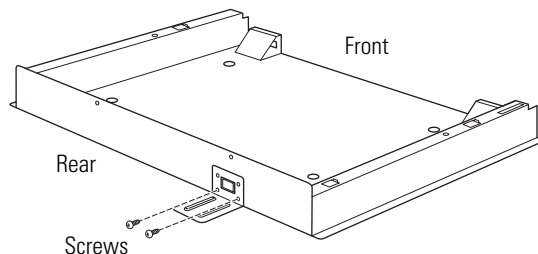
Allow a 1" clearance beyond the edge of the Trim Frame to provide proper air flow.

On 27" models, allow 1 $\frac{1}{4}$ " at the top, $\frac{5}{16}$ " on the sides and 1" at the bottom for overlap of the Trim Frame over the edges of the cutout.

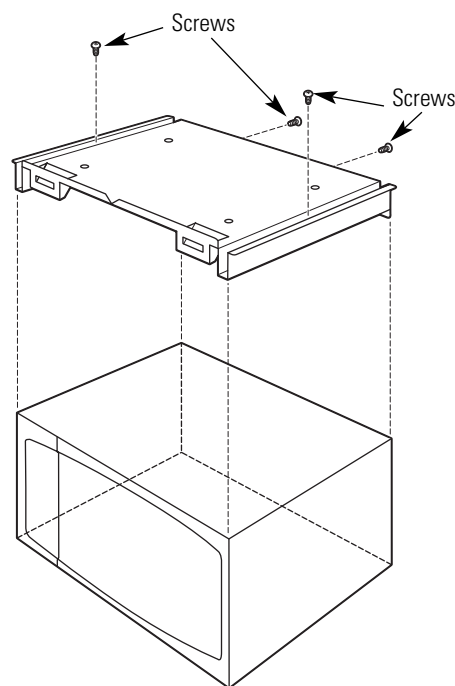
On 30" models, allow 1 $\frac{1}{4}$ " at the top, 2 $\frac{1}{8}$ " on the sides and 1" at the bottom for overlap of the Trim Frame over the edges of the cutout.

2 INSTALL BOTTOM BRACKET AND BOTTOM DUCT

- A** Fit the tab on the bottom bracket into the slot on the back of the bottom duct, and push down until the bracket is flush with the bottom of the duct. Fasten the bottom bracket to the bottom duct by using two bronze round-head screws.
- B** Disconnect the microwave oven before proceeding with the installation.



- C** Remove any loose items inside the microwave oven, including the turntable and turntable support. Carefully turn the microwave oven upside down.
- D** Line up the tabs on the bottom duct with the slots on the bottom of the microwave and insert the tabs into the slots. Secure the bottom duct with four bronze round-head screws as shown.



Microwave Oven Upside Down

ZET2SM

GE Monogram® 30" Built-In Double Oven

Dimensions and Installation Information (in inches)

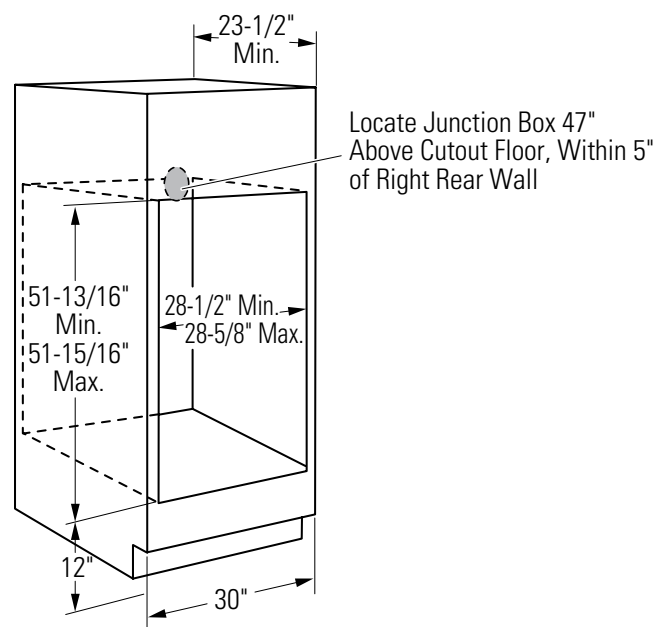
KW Rating	
240V	8.6
208V	7.8
Breaker Size	
240V	40 Amps
208V	40 Amps

Installation Flexibility

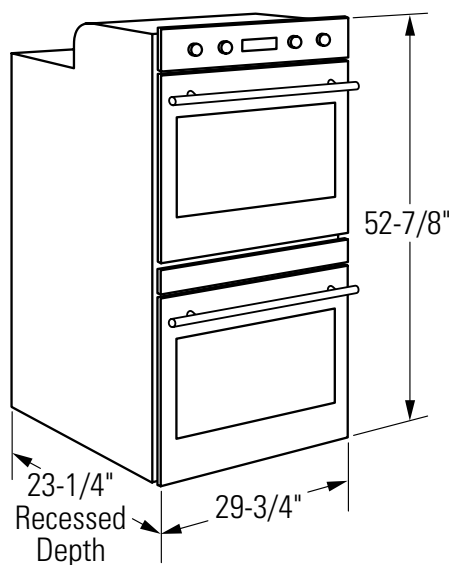
These ovens may be installed in combination with a Monogram warming drawer.

Note: Cabinets installed adjacent to wall ovens must have an adhesion spec of at least a 194°F temperature rating.

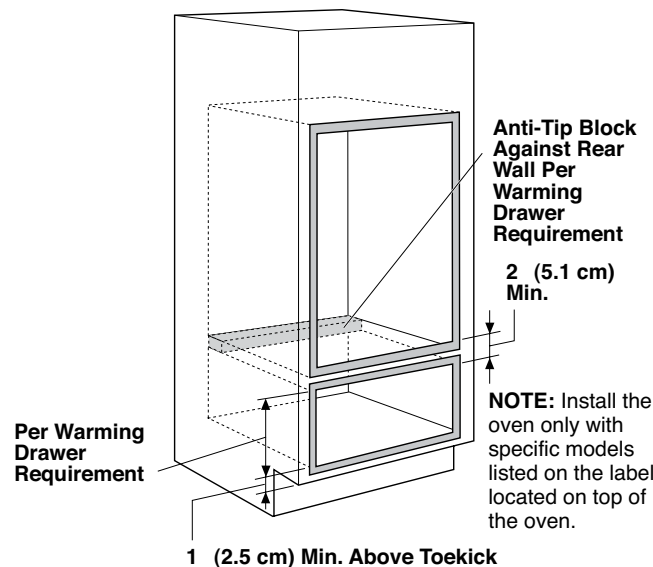
Installation Information: Before installing, consult installation instructions packed with product for current dimensional data.



The solid bottom or runners must be level with the bottom of the cutout, or the bottom trim may not install correctly and could interfere with the door opening. If the cabinet does not have a solid bottom, two braces or runners must be installed level with the bottom of the cutout to support the weight of the oven. The runners and braces must support 375lbs. (90 kg).



For answers to your Monogram®, GE Profile™ or GE® appliance questions, visit our website at ge.com or call GE Answer Center® service, 800.626.2000.



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Underwriters
Laboratories



Installation Instructions

IMPORTANT SAFETY INSTRUCTIONS

For Your Safety

- Be sure your oven is installed properly by a qualified installer or service technician.
- Make sure the cabinets and wall coverings around the oven can withstand the temperatures (up to 200°F [93.3°C]) generated by the oven.
- Be sure the oven is securely installed in a cabinet that is firmly attached to the house structure. Weight on the oven door could cause the oven to tip and result in injury. Never allow anyone to climb, sit, stand or hang on the oven door.



WARNING: The electrical power to the oven supply line must be shut off while line connections are being made. Failure to do so could result in serious injury or death.

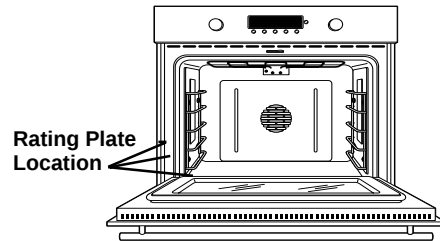
Electrical Requirements

This appliance must be supplied with the proper voltage and frequency and connected to an individual, properly grounded branch circuit, protected by a circuit breaker or fuse. See the rating plate located on the oven frame to determine the rating of the product. Use the chart below to determine the minimum recommended dedicated circuit protection.

KW Rating 240V	KW Rating 208V	Recommended Circuit Size (Dedicated)
≤4.8 KW	≤4.1 KW	20 Amp
4.9 KW–7.2 KW	4.3 KW–6.2 KW	30 Amp
7.3 KW–9.6 KW	6.3 KW–8.3 KW	40 Amp
9.7 KW–12.0 KW	8.4 KW–10.4 KW	50 Amp

Electrical Requirements (cont.)

Rating plate is located on the oven side trim, side front frame or lower front frame.



We recommend you have the electrical wiring and hookup of your oven connected by a qualified electrician. After installation, have the electrician show you where your main oven disconnect is located.

Check with your local utilities for electrical codes which apply in your area. Failure to wire your oven according to governing codes could result in a hazardous condition. If there are no local codes, your oven must be wired and fused to meet the requirements of the National Electrical Code, ANSI/NFPA No. 70–Latest Edition. You can get a copy by writing:

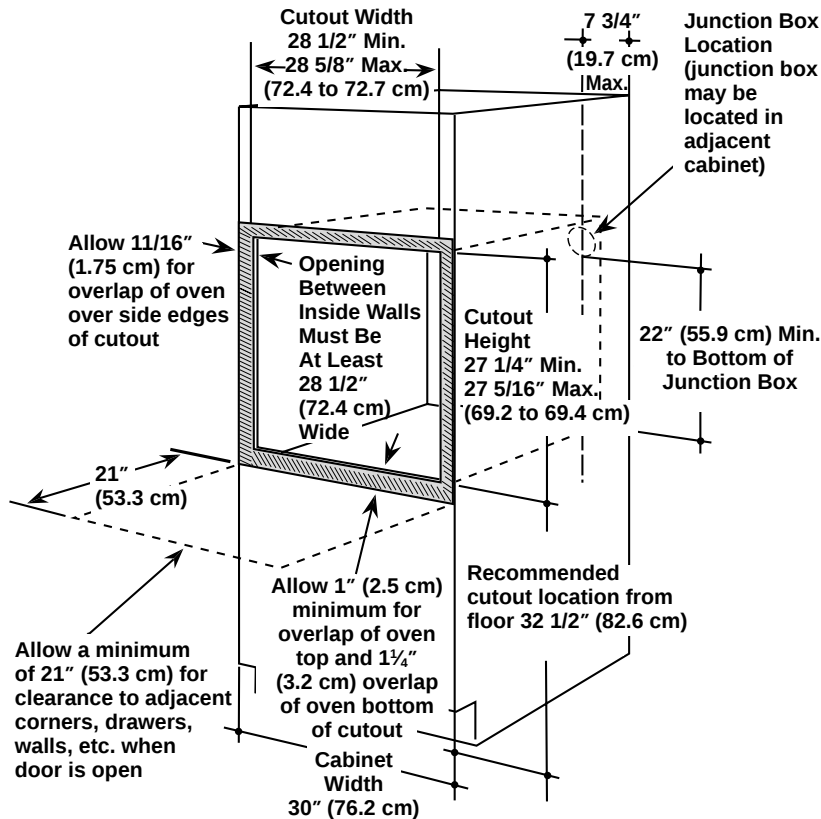
National Fire Protection Association
Batterymarch Park
Quincy, MA 02269

Effective January 1, 1996, the National Electrical Code requires that new, but not existing, construction utilize a four-conductor connection to an electric oven. When installing an electric oven in new construction, a mobile home, recreational vehicle or an area where local codes prohibit grounding through the neutral conductor, follow the instructions in the section on NEW CONSTRUCTION AND FOUR-CONDUCTOR BRANCH CIRCUIT CONNECTION.

You must use a three-wire, single-phase A.C. 208Y/120 Volt or 240/120 Volt, 60 hertz electrical system. If you connect to aluminum wiring, properly installed connectors approved for use with aluminum wiring must be used.

Installation Instructions

A1 Cutout for Single Built-In Oven



Cabinet Width 30" (76.2 cm)

Recommended Cutout Location from Floor 32 1/2" (82.6 cm)

Cutout Depth 23 1/2" (59.7 cm) Min.

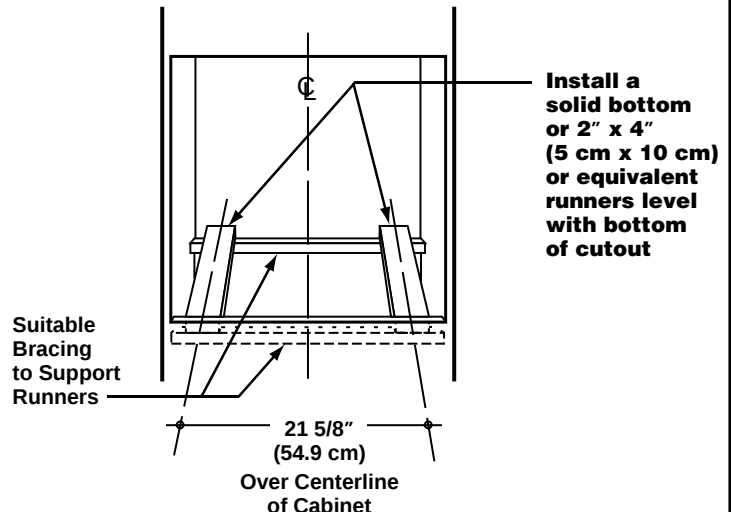
Cutout Width 28 1/2" (72.4 cm) Min.
28 5/8" (72.7 cm) Max.

Cutout Height 27 1/4" (69.2 cm) Min.
27 5/16" (69.4 cm) Max.

NOTE: If the cabinet does not have a front frame and the sides are less than 3/4" (1.9 cm) thick, shim both sides equally to establish the cutout width.

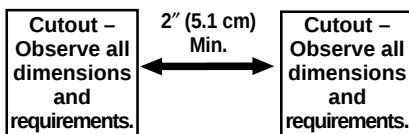
If the cabinet does not have a solid bottom, two braces or runners must be installed level with the bottom of the cutout to support the weight of the oven. For single ovens, the runners and braces must support 200 lbs. (90 kg).

NOTE: If marks, blemishes or the cutout opening are visible above the installed oven, it may be necessary to add wood shims under the runners and front trim until the marks or opening are covered.



Side by Side Installations

Install two wall ovens in separate cutouts. Allow 2" (5.1 cm) min. between cutouts.

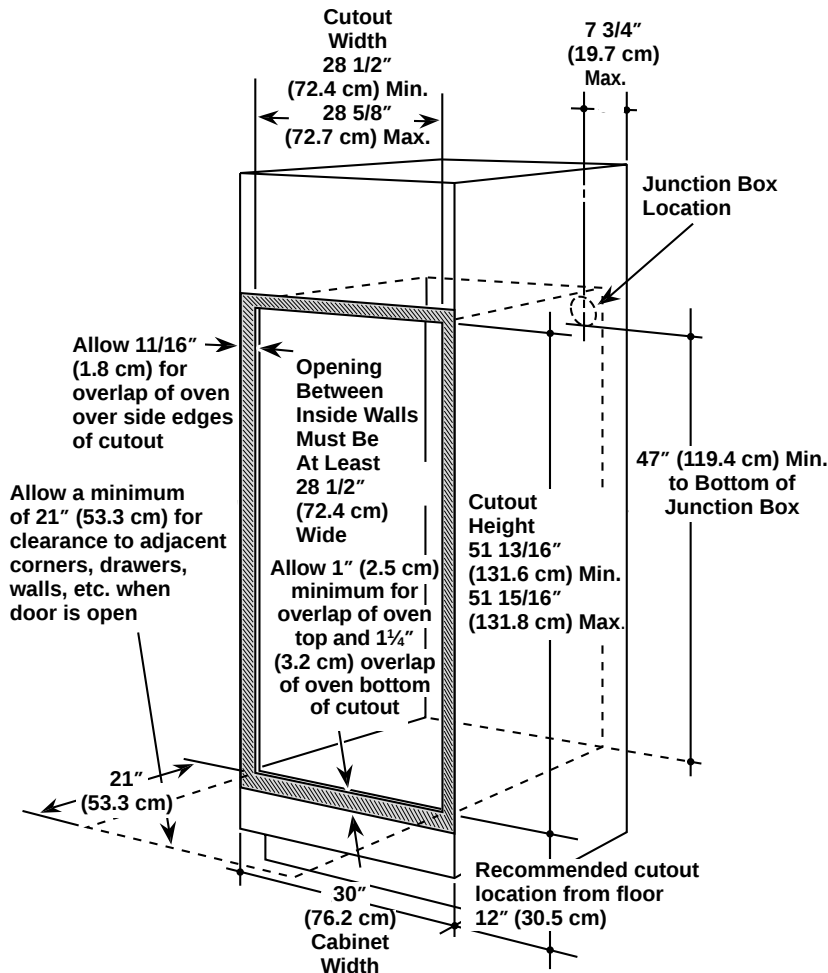


The solid bottom or runners must be level with the bottom of the cutout, or the bottom trim may not install correctly and then interfere with the door opening.

This oven is not approved for stackable installation.

Installation Instructions

A2 Cutout for Double Built-In Oven



Cabinet Width 30" (76.2 cm)

Recommended
Cutout
Location
from Floor 12" (30.5 cm)

Cutout Depth 23 1/2" (59.7 cm) Min.

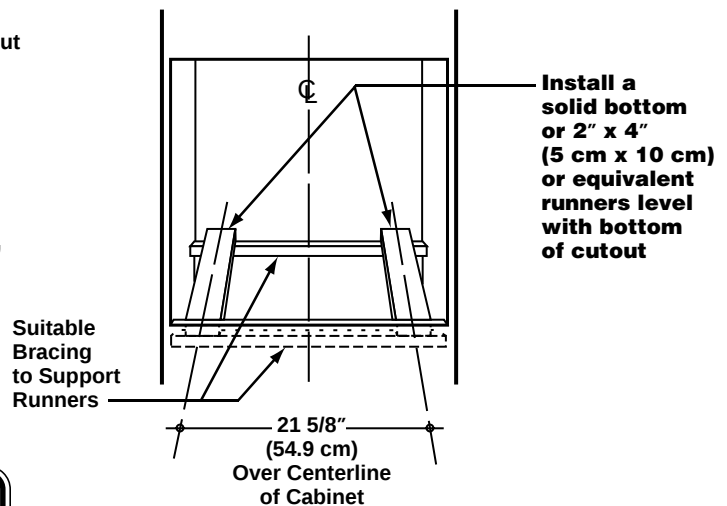
Cutout Width 28 1/2" (72.4 cm) Min.
28 5/8" (72.7 cm) Max.

Cutout Height 51 13/16" (131.6 cm) Min.
51 15/16" (131.8 cm) Max.

NOTE: If the cabinet does not have a front frame and the sides are less than 3/4" (1.9 cm) thick, shim both sides equally to establish the cutout width.

If the cabinet does not have a solid bottom, two braces or runners must be installed level with the bottom of the cutout to support the weight of the oven. For double ovens, the runners and braces must support 375 lbs. (169 kg).

NOTE: If marks, blemishes or the cutout opening are visible above the installed oven, it may be necessary to add wood shims under the runners and front trim until the marks or opening are covered.



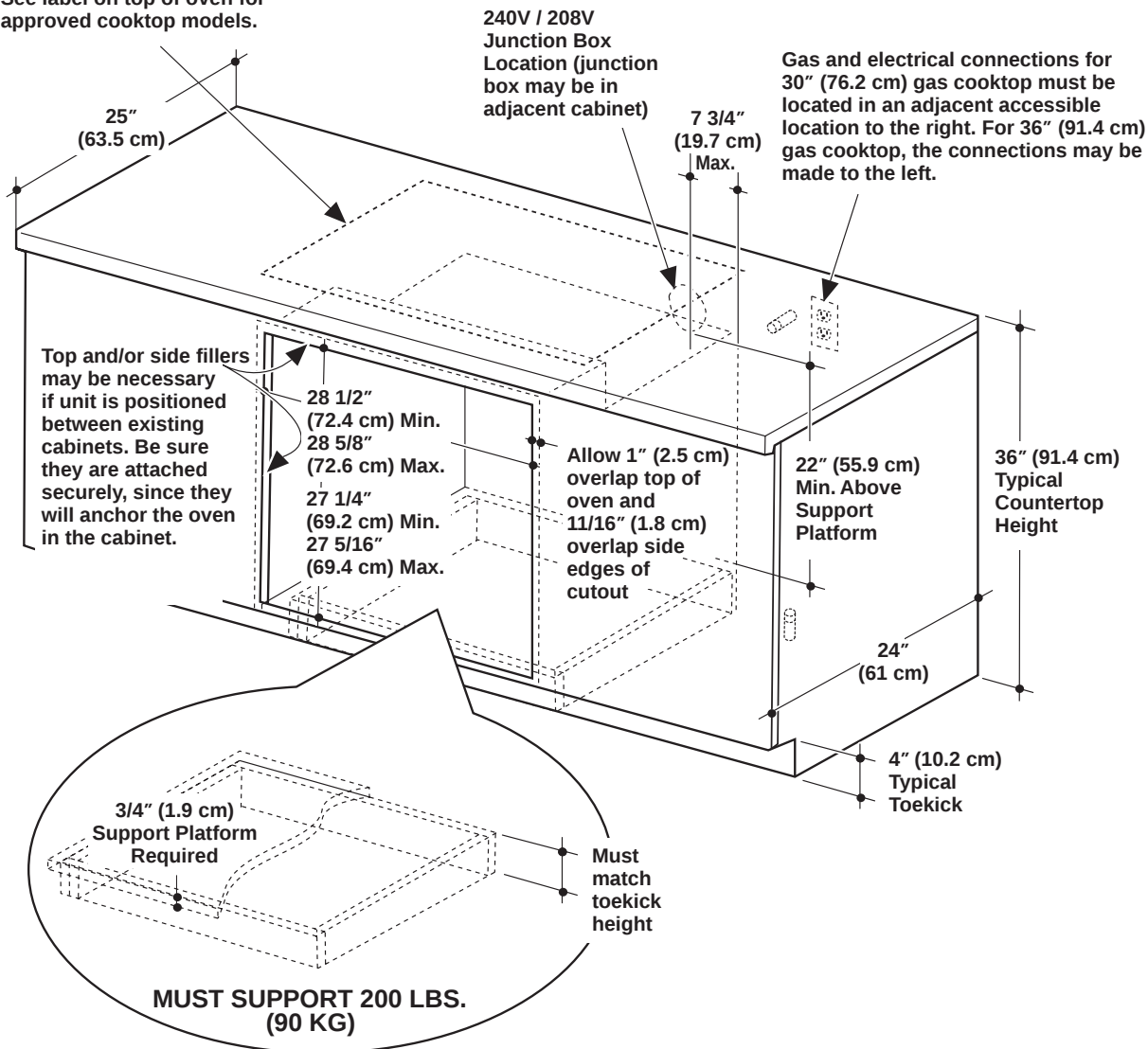
The solid bottom or runners must be level with the bottom of the cutout, or the bottom trim may not install correctly and then interfere with the door opening.

Installation Instructions

A3

Cutout for Single Built-In Oven Under Counter

Gas or electric cooktops may be installed over this oven. See cooktop installation instructions for cutout size. See label on top of oven for approved cooktop models.



Side by Side Installations

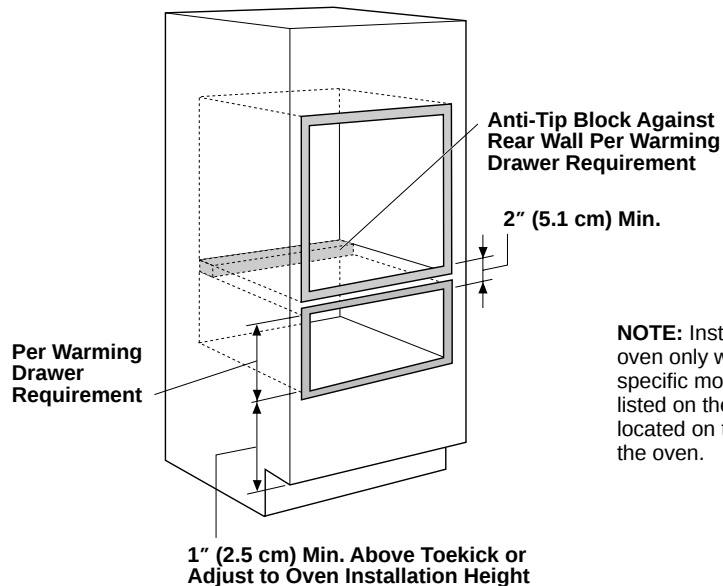
Install two wall ovens in separate cutouts. Allow 2" (5.1 cm) min. between cutouts.



NOTE: This oven is only approved to be installed under the specific models as labeled on this unit.

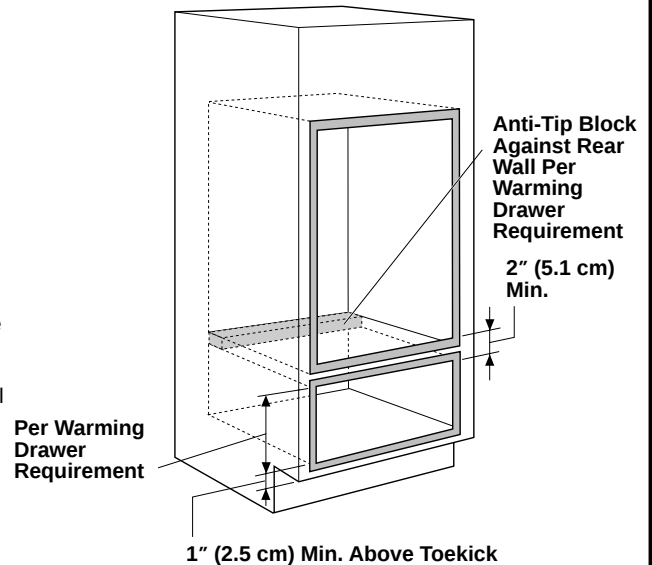
Cabinetry

A4 Single Oven Cutout for Installation Over a Monogram Warming Drawer



NOTE: Additional clearances between cutouts may be required. Check to be sure the oven supports above the Warming Drawer location do not obstruct the required interior depth and height.

A5 Double Oven Cutout for Installation Over a Monogram Warming Drawer



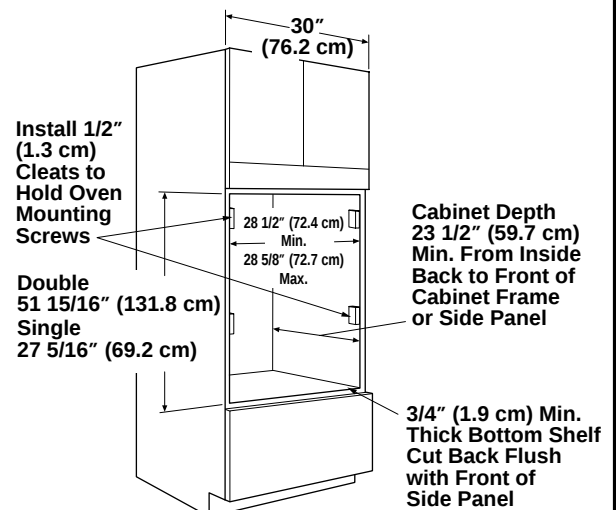
- When installing a Monogram Warming Drawer below a single or double oven, a separate 120V, 60 Hz, properly grounded receptacle must be installed. Refer to installation instructions packed with the Warming Drawer for specific installation requirements.

A6 Cutout for Frameless Cabinets

Frameless Cabinets

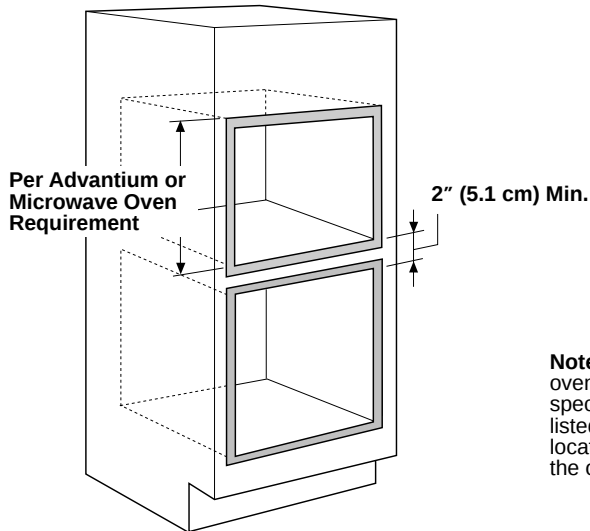
Whenever possible, order 30" (76.2 cm) frameless cabinet with the cutout sided to fit the oven. If using stock cabinets, additional finished filler pieces may be required to cover the opening.

- A stock frameless cabinet cutout width may be up to 28 3/4" (73 cm). If necessary, add 1/2" (1.3 cm) cleats to the sides, flush with the front edge of the side panels to accept mounting screws.



Cabinetry

A7 Single Oven Cutout for Installation Below a Monogram Advantium or Microwave Oven



Note: Install the oven only with specific models listed on the label located on top of the oven.

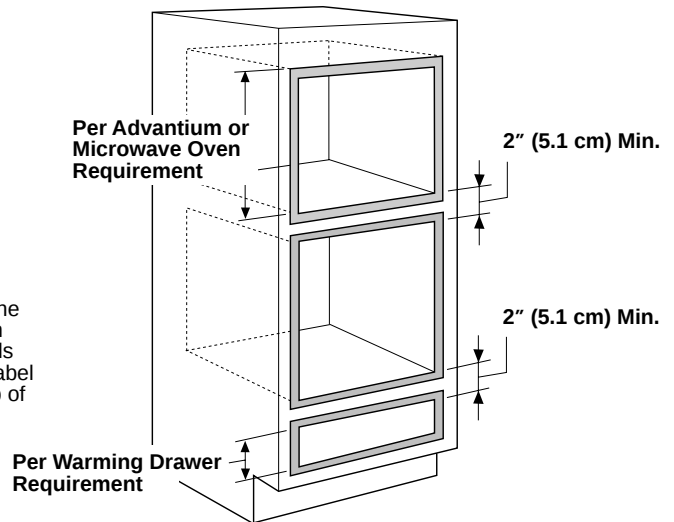
NOTE: The middle rail separating the two openings may need to be larger than the 2" (5.1 cm) minimum shown. Always refer to the individual installation instructions packed with each product for specific requirements.

Combined Advantium or Microwave Oven and Wall Oven Installation:

When installed in combination with a Monogram single wall oven, use separate electrical junction boxes.

- Refer to the Advantium or microwave oven installation instructions for electrical requirements of that product.
- These connections must be made by a qualified electrician. All electrical connections must meet National Electrical Code or prevailing local codes.

A8 Single Oven Cutout for Installation Between a Monogram Advantium or Microwave Oven and a Monogram Warming Drawer



NOTE: Additional clearances may be required. Check to be sure the oven supports above the Warming Drawer do not obstruct the required interior depth and height. The middle rail separating the openings may need to be larger than the 2" (5.1 cm) minimum shown. Always refer to the individual installation instructions packed with each product for specific requirements.

Warming Drawer Combined with Advantium or Microwave Oven and Single Oven:

Install a separate 120V, 60Hz, properly grounded receptacle. See installation instructions packed with each product for specific requirements.

Installation Instructions

B Electrical Connections

ATTENTION INSTALLER

All electric wall ovens must be hard wired (direct wired) into an approved junction box. A plug and receptacle is NOT permitted on these products.

DO NOT shorten the flexible conduit. The conduit strain relief clamp must be securely attached to the junction box and the flexible conduit must be securely attached to the clamp. If the flexible conduit will not fit within the clamp, do not install the oven until a clamp of the proper size is obtained.

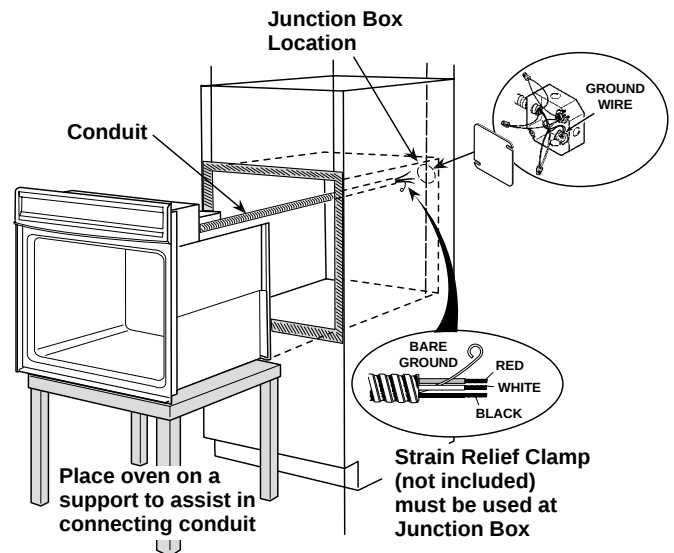
NOTE TO ELECTRICIAN: The 3 power leads supplied with this appliance are UL recognized for connection to heavier gauge household wiring. The insulation of these 3 leads is rated at temperatures much higher than the temperature rating of household wiring. The current carrying capacity of the conductor is governed by the wire gauge and the temperature rating of the insulation around the wire.



WARNING: Improper connection of aluminum house wiring to copper leads can result in an electrical hazard or fire. Use only connectors designed for joining copper to aluminum and follow the manufacturer's recommended procedure closely.

B1 Turn off the circuit breaker or remove fuses to the oven branch circuit.

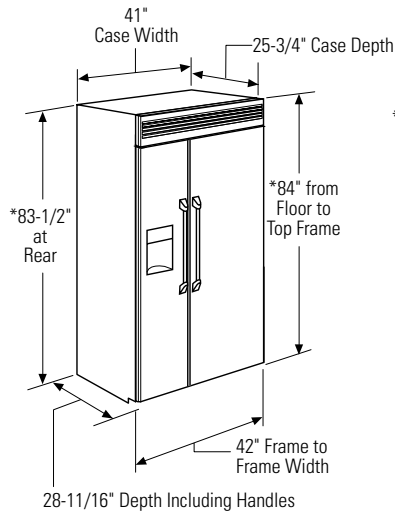
B2 With the oven supported on a table or platform in front of the cabinet opening, connect the flexible conduit to the electrical junction box as shown below. Position the conduit in such a manner that it will lie on top of the oven in a natural loop when the oven is installed. You will need to purchase an appropriate strain relief clamp to complete the connection of the conduit to the junction box.



ZISP420DXSS

GE Monogram® 42" Built-In Professional Side-by-Side Refrigerator with Dispenser and Water Filter

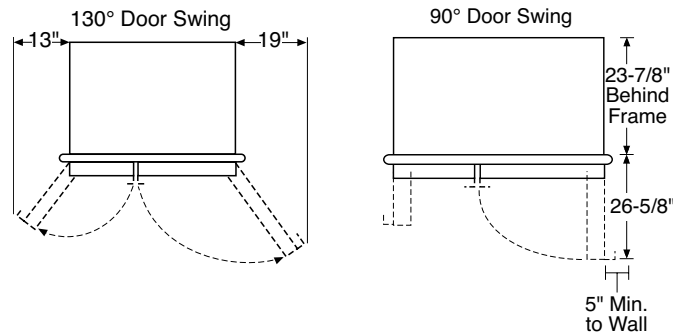
Dimensions and Installation Information (in inches)



* Shipping height. The refrigerator can be adjusted to fit into a cutout that is 83-1/2" min. to 84-1/2" max. height. Note that the top case trim at the front is 1/2" higher and will overlap upper cabinetry or soffit. Use leveling legs and wheels for a maximum 1" height adjustment.

Product Clearances

These refrigerators are equipped with a 2 position door stop. The factory set 130° door swing can be adjusted to 90° if clearance to adjacent cabinets or walls is restricted.



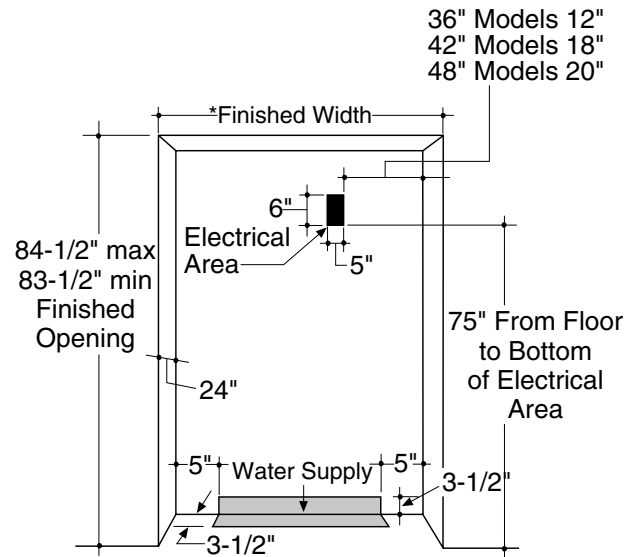
Allow minimum clearances for freezer door and fresh food door for a full 130° door swing and to allow for pan removal.

5" minimum clearance is required when door swing is adjusted to 90°. If the 90° door stop position is used, pan access is maintained, but pan removal is restricted.

Installation Information: Before installing, consult installation instructions packed with product, or online at Monogram.com, for current dimensional data.

For answers to your Monogram®, GE Profile™ or GE® appliance questions, visit our website at ge.com or call GE Answer Center® service, 800.626.2000.

The Installation Space



Water and electrical locations

The opening must be prepared with the electrical and water supply located as shown.

The cutout depth must be 24"

The refrigerator will project forward, slightly beyond adjacent cabinetry, depending on your installation.

The cutout depth beneath a soffit:

When installed beneath a soffit, the soffit cannot exceed the 24" installation depth shown. The top case trim overlaps the bottom of the soffit.

Frameless cabinets:

The case trim overlaps cabinets at the top and sides. Therefore, frameless cabinets may require filler strips to prevent interference with cabinet door swing. The opening must allow for filler strips.

Additional Specifications

- A 115 volt 60Hz., 15 or 20 amp power supply is required. An individual properly grounded branch circuit or circuit breaker is recommended. Install a properly grounded 3-prong electrical receptacle recessed into the back wall. Electrical must be located on rear wall as shown.

Note: GFI (ground fault interrupter) is not recommended.

- Water line can enter the opening through the floor or back wall. The water line should be 1/4" O.D. copper tubing or GE SmartConnect™ kit between the cold water line and water connection location, long enough to extend to the front of the refrigerator. Installation of an easily accessible shut off valve in the water line is recommended.



imagination at work



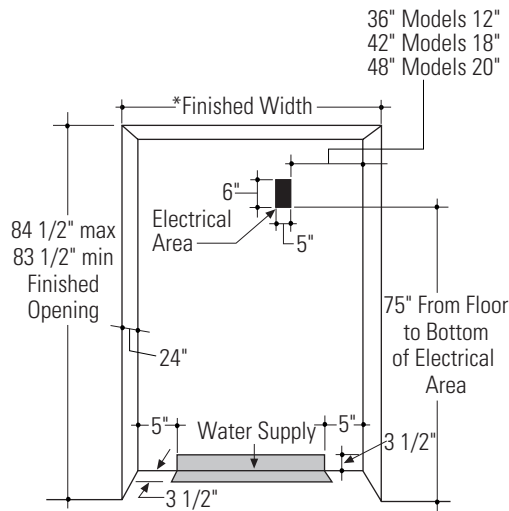
Listed by
Underwriters
Laboratories



As an ENERGY STAR® partner, GE has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

Design Guide

THE INSTALLATION SPACE



*The finished cutout width must be:
 35-1/2" for 36" models
 41-1/2" for 42" models
 47-1/2" for 48" models

Water And Electrical Locations

The opening must be prepared with the electrical and the cold water supply located as shown.

The cutout depth must be 24"

The refrigerator will project forward, slightly beyond adjacent cabinetry, depending on your installation.

Cutout depth beneath a soffit:

When installed beneath a soffit, the soffit cannot exceed the 24" installation depth shown. The top case trim overlaps the bottom of the soffit.

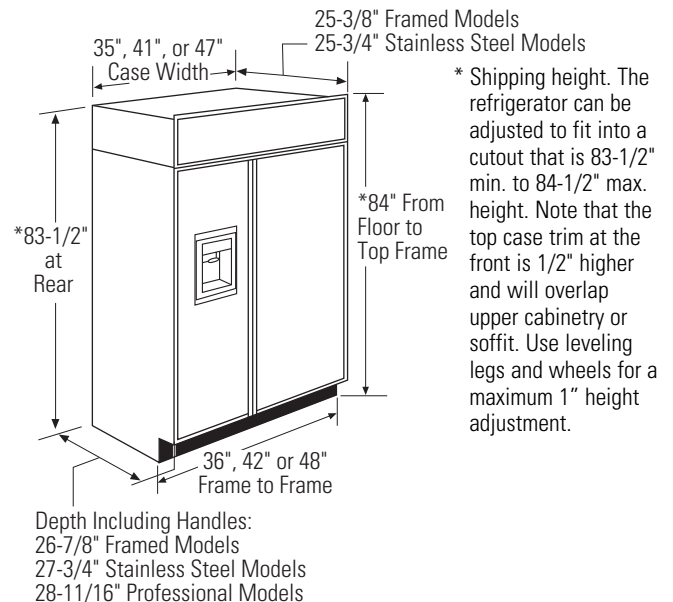
Additional Specifications

- A 115 volt 60Hz., 15 or 20 amp power supply is required. An individual properly grounded branch circuit or circuit breaker is recommended. Install a properly grounded 3-prong electrical receptacle recessed into the back wall. Electrical must be located on the rear wall as shown.

NOTE: GFI (ground fault interrupter) is not recommended.

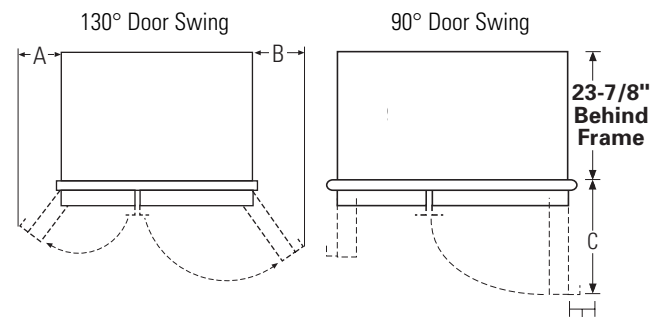
- The water line can enter the opening through the floor or back wall. The water line should be 1/4" O.D. copper tubing or GE SmartConnect™ kit between the cold water line and water connection location, long enough to extend to the front of the refrigerator. Installation of an easily accessible shut-off valve in the water line is required.

DIMENSIONS AND CLEARANCES



Product Clearances

These refrigerators are equipped with a 2-position door stop. The factory-set 130° door swing can be adjusted to 90° if clearance to adjacent cabinets or walls is restricted.



Models	A	B	C
36"	13"	15"	20-5/8"
42"	13"	19"	26-5/8"
48"	15"	20"	28-5/8"

*Min. Distance to Wall

*4" Stainless and Trimmed Models.
 5" Pro Series

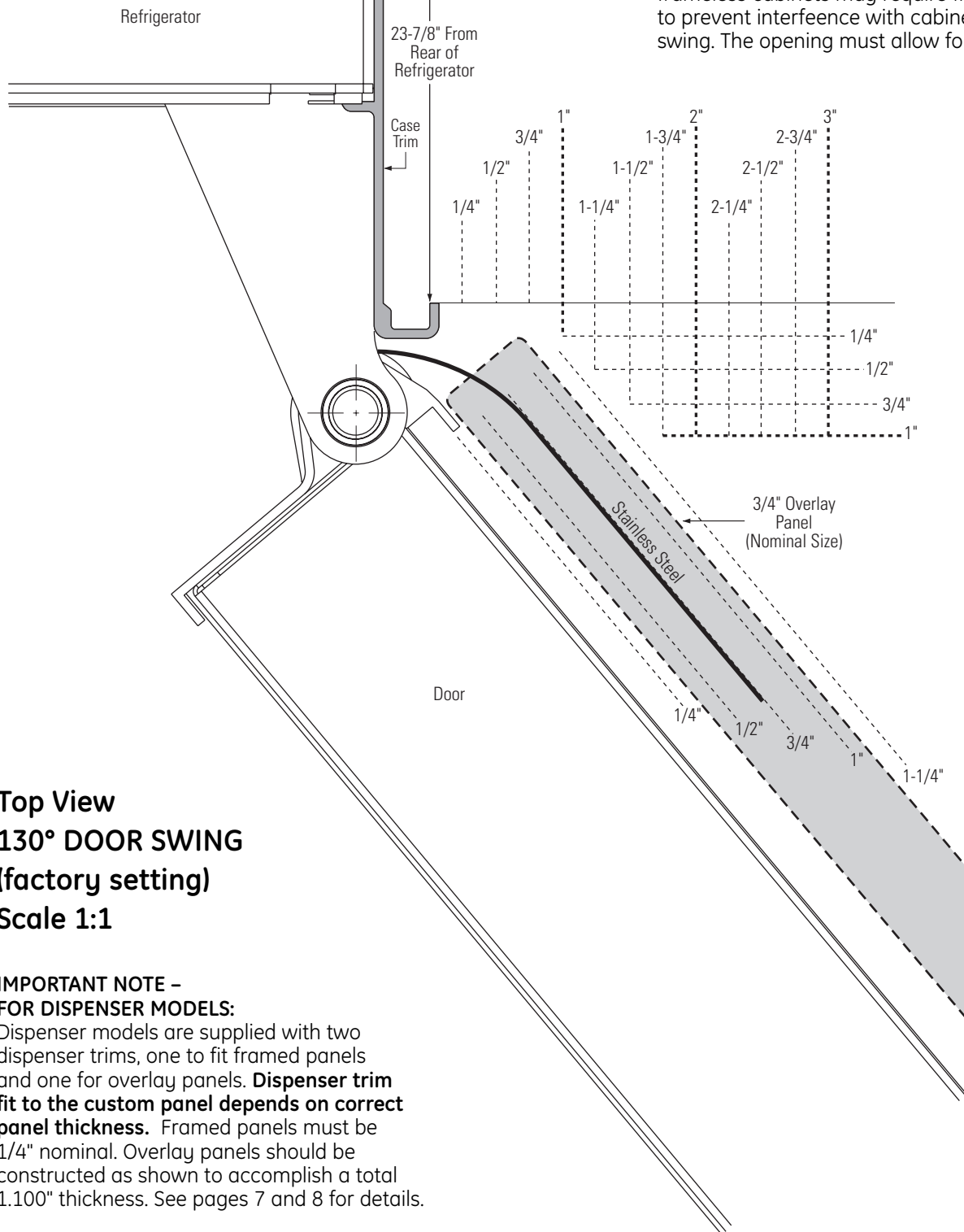
Allow minimum clearances for the freezer door (Dimension A) and fresh food door (Dimension B) for a full 130° door swing and to allow for pan removal.

For a 90° door swing, allow 4" min. clearance to a wall, for framed and stainless steel models. Allow 5" min. clearance for professional series models. If the 90° door stop position is used, pan access is maintained, but pan removal is restricted.

See the illustrations on pages 4 and 5 to determine door swing interaction with adjacent cabinets or countertops.

Design Guide

Frameless Cabinets: The case trim overlaps cabinets at the top and sides. Therefore, frameless cabinets may require filler strips to prevent interference with cabinet door swing. The opening must allow for filler strips.

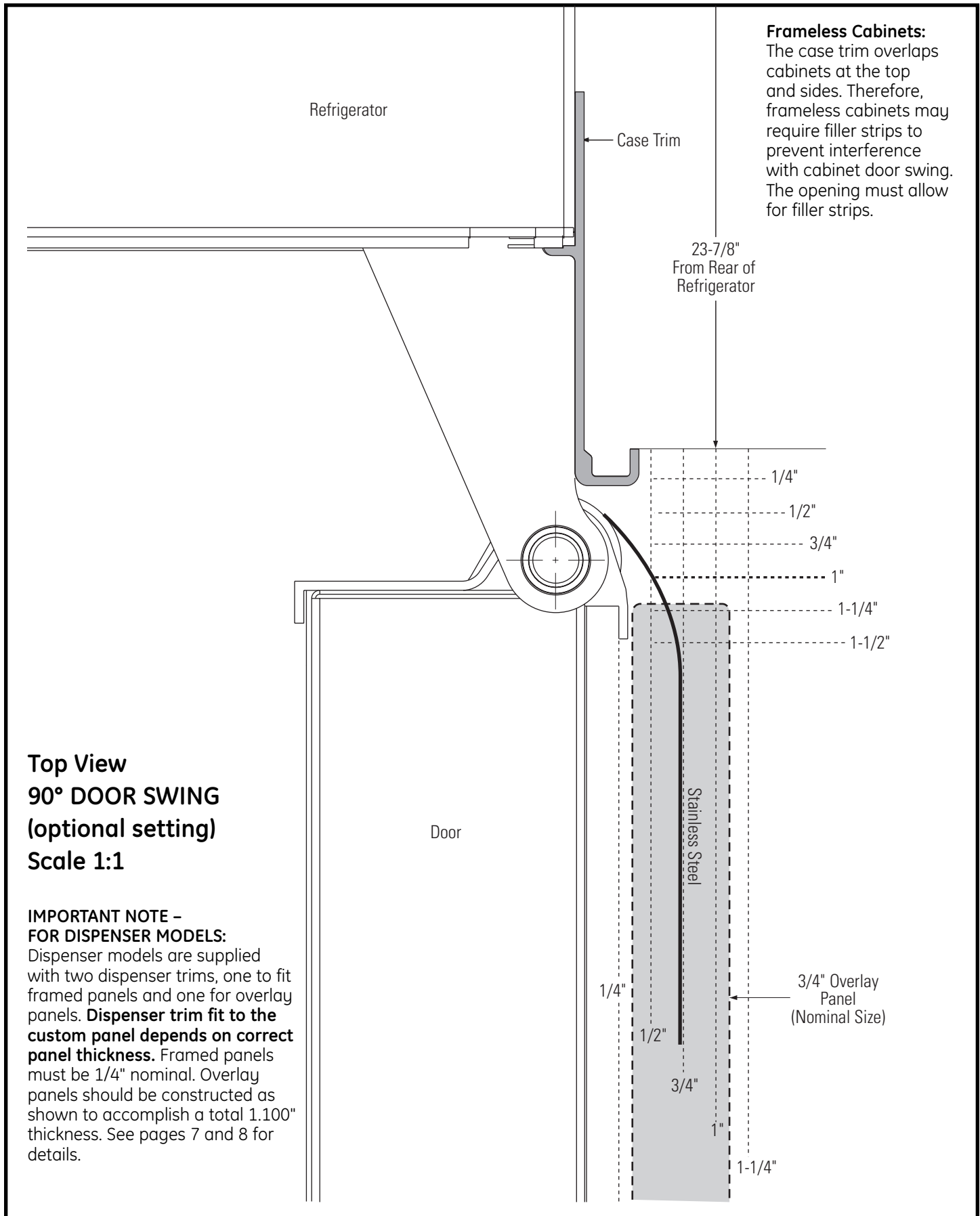


Top View
130° DOOR SWING
(factory setting)
Scale 1:1

**IMPORTANT NOTE –
 FOR DISPENSER MODELS:**

Dispenser models are supplied with two dispenser trims, one to fit framed panels and one for overlay panels. **Dispenser trim fit to the custom panel depends on correct panel thickness.** Framed panels must be 1/4" nominal. Overlay panels should be constructed as shown to accomplish a total 1.100" thickness. See pages 7 and 8 for details.

Design Guide



Design Guide

CUSTOMIZATION BASICS:

Framed Or Overlay Panels, Custom Handles and Accessory Kits

Professional Style Stainless Steel Refrigerators

Stainless steel wrapped refrigerators have beveled edges and professional-style handles. These models are shipped ready for installation.

Stainless Steel Wrapped Refrigerators

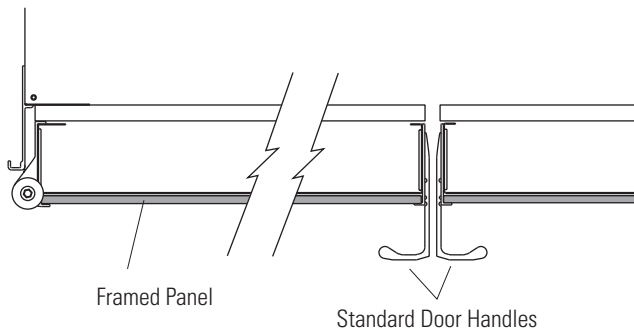
Stainless Steel wrapped refrigerators have wrapped doors and grille panel, beveled edges, and tubular stainless steel handles that coordinate with other Monogram appliances. These models are shipped ready for installation.

Trimmed Refrigerators

Trimmed refrigerators are designed to be customized with decorative panels. Field installed custom door and grille panels are required.

Framed panels

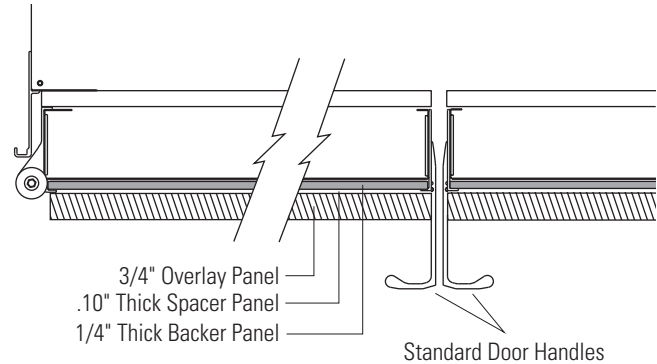
You may install 1/4" thick custom panels from your cabinet manufacturer. The decorative panel slides into the factory installed trim. Order black or stainless steel accessory panels from your Monogram dealer.



Standard supplied handles shown in 1/4" panel position.

Overlay panels

You may also choose to install custom overlay panels from your cabinet manufacturer. This design provides a seamless appearance which integrates smoothly with surrounding cabinetry.



Standard supplied handles shown in 3/4" overlay panel position.

Door Handles

The standard supplied handles can be adjusted to accommodate both framed or overlay panels. Custom handles of your choice, supplied by your cabinet maker can also be installed on 3/4" overlay panels. If desired, you may order ZKHSS2 Monogram stainless steel tubular handle kit for 3/4" overlay panels.

Side Panels

Side panels must be used whenever the sides of the refrigerator will be exposed.

Optional Accessory Kits

ZKHSS2: Monogram Tubular Stainless Steel handles designed to fit 3/4" overlay panels.

Accessory Panels

Black and stainless steel accessory panels are available from your Monogram dealer. Panels are cut to size and ready to install.

Models	Black Acrylic	Stainless Steel
ZISW480D		ZPS480D
ZISB480D	ZPB480D	ZPS480D
ZIS480N	ZPB480N	ZPS480N
ZISW420D		ZPS420D
ZISB420D	ZPB420D	ZPS420D
ZIS420N	ZPB420N	ZPS420N
ZISW360D		ZPS360D
ZISB360D	ZPB360D	ZPS360D
ZIS360N	ZPB360N	ZPS360N

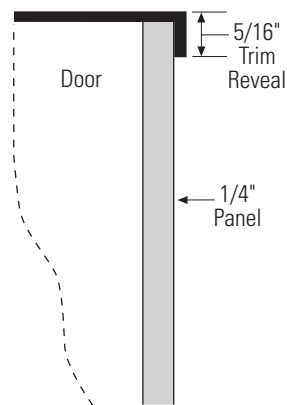
Design Guide

1/4" FRAMED PANEL DIMENSIONS

If you choose to install framed panels, they must be cut to the dimensions shown. The panels will slide into the frame on the door and grille.

Non-Dispenser Models

If the custom panel is less than 1/4" thick and it fits loosely in the door frame it can be backed up with a piece of filler material or foam tape to improve the fit.



IMPORTANT NOTE: Maximum total panel weight:

- Fresh food door panel – 75 lbs.
- Freezer door panel – 53 lbs.
- Grille Panel – 18 lbs.

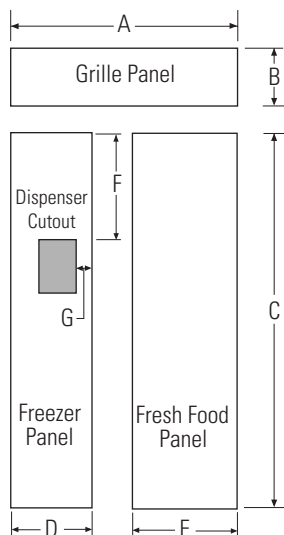
IMPORTANT NOTE – DISPENSER MODELS

The refrigerator is supplied with two dispenser trims, one for framed panels and one for overlay panels.

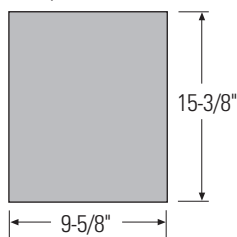
- If the panel is less than 0.250" thick, a noticeable gap may be created around the dispenser trim. Foam tape may be applied on the door to improve the fit.

- If the panel is more than 0.250" thick, the dispenser trim cannot be secured to the door.

See Dispenser Trim Fit Example, page 9.



Dispenser Cutout



The framed panel must be 1/4" nominal thickness to fit the dispenser trim.

Side-by-Side (in inches)

	A	B	C	D	E	Dispenser Cutout Position	
36" Models	33-7/8	9	68-3/8	14-9/16	18-9/16	17-13/16	3-1/8
42" Models	39-7/8	9-1/2	68-3/8	14-9/16	24-9/16	17-13/16	3-1/8
48" Models	45-7/8	9-1/2	68-3/8	18-9/16	26-9/16	17-13/16	5-1/8

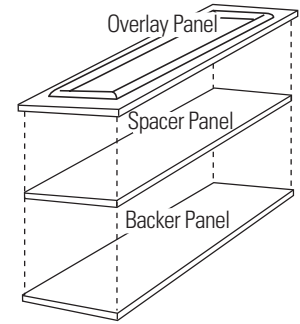
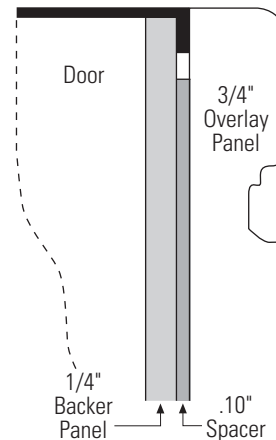
Design Guide

3/4" OVERLAY PANEL DIMENSIONS

For a more custom appearance, overlay panels may be installed on trimmed models. The overlay panel must be secured to a 1/4" thick backer panel which slides into the trim. A spacer panel 0.10" thick must be placed between the overlay and backer panel.

Assemble the panels with glue and screws:

- Center the spacer panel on the backer panel, left to right and top to bottom. Secure the panels with glue.
- Center the spacer and backer panel on the overlay panel and secure with glue and screws. Screws must be countersunk into the backer panel.



NOTE: Left-to-right offset is not always equal to top-to-bottom offset.

$$.250" + .10" + .750" = 1.100" \text{ Total Panel Thickness}$$

IMPORTANT NOTE – DISPENSER MODELS

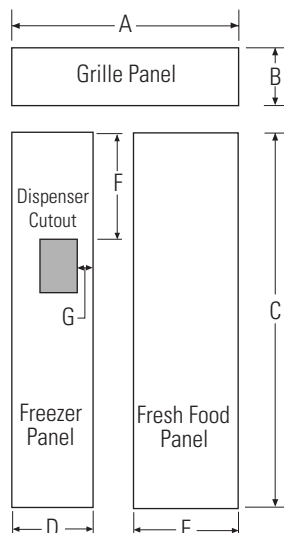
The refrigerator is supplied with two dispenser trims, one for framed panels and one for overlay panels. The overlay dispenser trim is designed to fit a total panel thickness of 1.100".

- If the panel is less than 1.100" a noticeable gap may be created around the dispenser trim.
- If the panel is more than 1.100" the dispenser trim cannot be secured to the door.

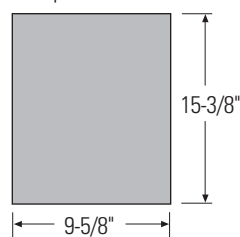
See Dispenser Trim Fit Example, page 9.

- The overlay panel must be constructed according to the specifications shown to achieve the correct total thickness.
- Alternative panel construction methods such as securing a 3/4" panel to a 1/4" backer panel cannot be used. Another method, routing a 3/4" thick panel on all sides, cannot be used. These methods will not result in the required 1.100" panel thickness.

When a raised panel design is to be used, a custom middle rail is required. See page 9 for details.



Dispenser Cutout



*Cut the dispenser opening after the backer, spacer and overlay panels have been assembled.

IMPORTANT NOTE: Maximum total weight for the assembled panels:

- Fresh food door panel – 75 lbs.
- Freezer door panel – 53 lbs.
- Grille Panel – 18 lbs.

36" Side-by-Side (in inches)

	A	B	C	D	E	*Dispenser Cutout Position	
1/4" Backer Panel	33-7/8	9	68-3/8	14-9/16	18-9/16	17-15/16	3-1/4
.10" Spacer Panel	33	8-3/8	67	13-1/4	17-1/4		
3/4" Overlay Panel	34-1/8	9-1/4	68-5/8	14-13/16	18-13/16		

42" Side-by-Side (in inches)

	A	B	C	D	E	*Dispenser Cutout Position	
1/4" Backer Panel	39-7/8	9-1/2	68-3/8	14-9/16	24-9/16	17-15/16	3-1/4
.10" Spacer Panel	39	8-5/8	67	13-1/4	23-1/4		
3/4" Overlay Panel	40-1/8	9-3/4	68-5/8	14-13/16	24-13/16		

48" Side-by-Side (in inches)

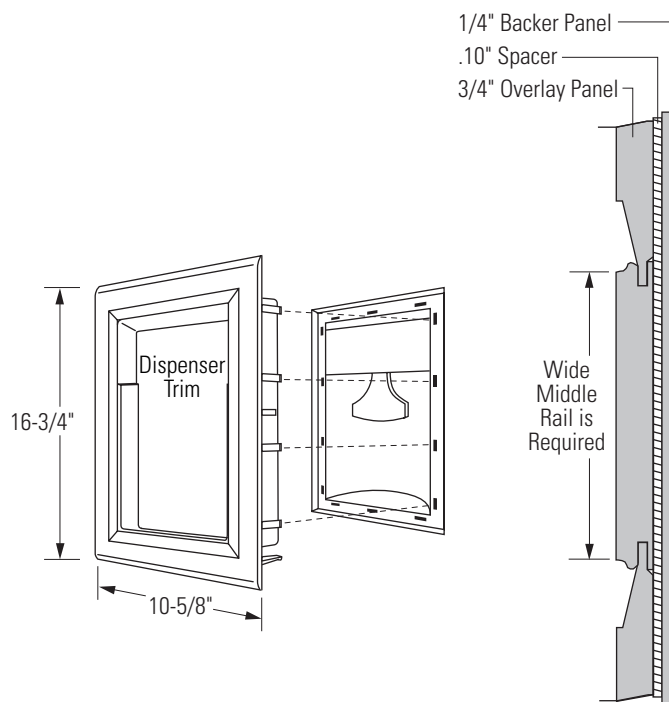
	A	B	C	D	E	*Dispenser Cutout Position	
1/4" Backer Panel	45-7/8	9-1/2	68-3/8	18-9/16	26-9/16	17-15/16	5-1/4
.10" Spacer Panel	45	8-5/8	67	17-1/4	25-1/4		
3/4" Overlay Panel	46-1/8	9-3/4	68-5/8	18-13/16	26-13/16		

Design Guide

DISPENSER MODELS: RAISED OVERLAY PANEL DESIGN

When a raised panel design is to be used, a custom wide middle rail is required to accept the dispenser trim.

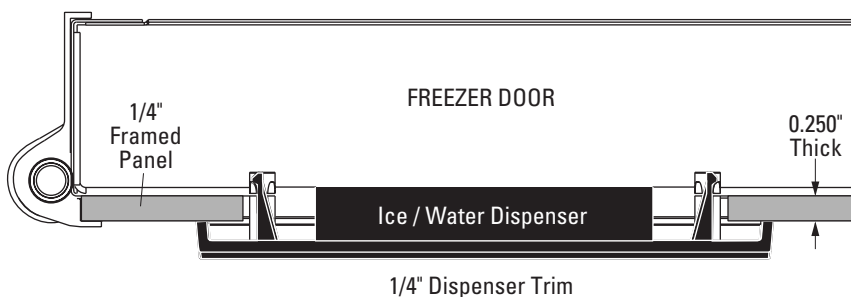
- The middle rail must be wide enough to allow for the dispenser trim to overlap the opening.
- The middle rail must be 1.100" total thickness to accept the dispenser trim.



DISPENSER TRIM FIT EXAMPLES: (NOT TO SCALE)

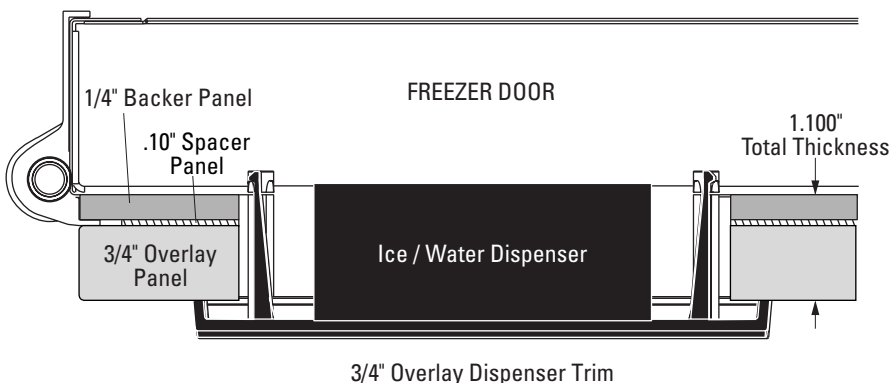
1/4" FRAMED PANEL

- The dispenser trim fits over the custom panel and snaps into the freezer door.
- The clips will not engage the door if the panel is more than 0.250" thick.
- If the panel is less than 0.250" thick, a noticeable gap may be created around the dispenser trim.



3/4" OVERLAY PANEL

- The dispenser trim fits over the custom panel and snaps into the freezer door.
- The clips will not engage the door if the panel is more than 1.100" thick.
- If the panel is less than 1.100" thick, a noticeable gap may be created around the dispenser trim.

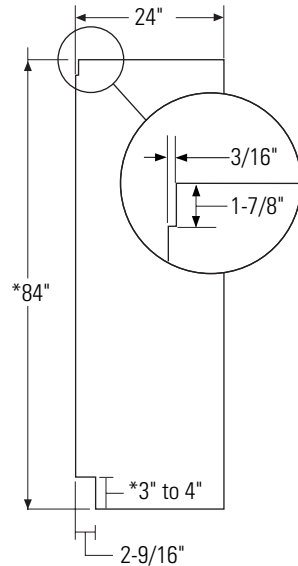


Design Guide

SIDE PANELS

Side panels must be used whenever the sides of the refrigerator will be exposed. The 1/4" side panels will slip into the side case trim. Secure the panels to the refrigerator with stick-on hook and loop fastener strips. Order the side panels from the cabinet manufacturer.

- Cut a notch in the top front corner as shown to allow clearance for corner keys in the front side trim.



* Depending on installation height.

HARDWARE SUPPLIED

- Water filter bypass plug
- Anti-Tip brackets
- 1/4" nut and ferrule
- Dispenser trims for 1/4" and 3/4" overlay panels (for use with Custom Panel models).
- Aluminum cover trim for 3/4" overlay panels with custom handles. Includes 22 flat head screws and 4 endcaps.

FLOORING

For proper installation, this refrigerator must be placed on a level surface of hard material that is at the same height as the rest of the flooring. This surface should be strong enough to support a fully loaded refrigerator, or approximately 1,500 lbs.

NOTE: Protect the finish of the flooring. Cut a large section of the cardboard carton and place under the refrigerator where you are working.

TOOLS AND MATERIALS REQUIRED

- Tinsnips to cut banding
- Stepladder
- 1" Bit extension
- Tape measure
- Gloves
- 1/4" Drywall screws
- 5-Gal. Bucket with cover
- 6" Spirit level
- Appliance hand truck
- Tubing cutter
- 7/16" open-end wrench
- #2 Phillips screwdriver
- Drill and appropriate bits
- 5/16", 7/16" socket
- Safety glasses
- 1-1/8" open end wrench
- Pliers
- 1/4", 5/16" Combo Ratchet
- 35" long 2x4 for Anti-Tip support
- 1/4" copper water line tubing or GE SmartConnect™ Refrigerator Tubing kits
- Water shut-off valve
- Custom panels for doors and grille panel
- Screws to secure refrigerator to cabinetry
- Stick-on hook and loop fastener strips for 1/4" side panels

GROUNDING THE REFRIGERATOR

IMPORTANT – (Please read carefully)

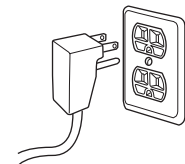
FOR PERSONAL SAFETY, THIS APPLIANCE MUST BE PROPERLY GROUNDED.

The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall receptacle to minimize the possibility of electric shock hazard from this appliance.

Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded.

Where a standard 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER CORD.



DO NOT USE AN ADAPTER PLUG TO CONNECT THE REFRIGERATOR TO A 2-PRONG OUTLET.

DO NOT USE AN EXTENSION CORD WITH THIS APPLIANCE.

Installation Instructions

STEP 1 REMOVE PACKAGING

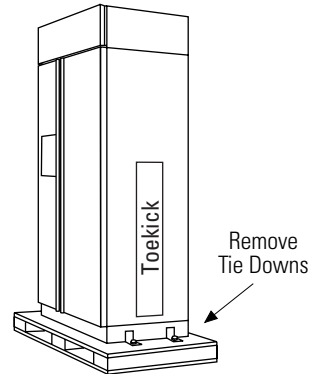
CAUTION: The refrigerator is much heavier at the top than at the bottom—be careful when moving. When using a hand truck, handle from the side only.

PRUDENCE: Le réfrigérateur est beaucoup plus lourd en haut qu'en bas. Il faut être prudent lors des déplacements. Si un diable est utilisé, il faut soulever le réfrigérateur sur le côté seulement.

- Carefully cut banding at the top and bottom, remove the outer carton.
- Slide out the back corner posts (2).
- Slide the carton off the top of the cabinet.

NOTE: IT IS NOT NECESSARY TO LAY THE CABINET DOWN IN ORDER TO REMOVE THE SKID!

- The unit is secured to the skid with 4 slotted tie-down straps. Remove the six 7/16" bolts from the base channels in the tie-downs.



- Remove the six 7/16" bolts securing the straps to the skid.

CAUTION: DO NOT ATTEMPT TO ROLL UNIT OFF SKID.

PRUDENCE: IL NE FAUT PAS ESSAYER DE FAIRE ROULER LE RÉFRIGÉRATEUR POUR L'ENLEVER DE LA PALETTE.

- The support blocks on the bottom of the refrigeration case must be removed before the refrigerator is taken off the skid or damage will occur. Carefully tilt the refrigerator and slide the blocks out from beneath.
- Remove the toekick and set aside for final installation.
- Lift the refrigerator off the skid with an appliance dolly. Handle from the sides.

STEP 2 MOVE THE REFRIGERATOR INTO THE HOUSE

- Re-use the corner posts from the packaging to protect stainless steel models. Run the appliance dolly straps over the posts and under the handles.
 - Leave the protective film on the refrigerator until installation is complete.
- IMPORTANT:** Never lift the refrigerator by the handle or push against the grill panel; this could cause damage or misalignment.
- Avoid laying the unit on its back or side to prevent sealed system restrictions.

STEP 3 INSTALL WATER LINE

- A cold water supply is required for automatic icemaker operation. The water pressure must be between 40 and 120 p.s.i.
- Route 1/4" OD copper or GE SmartConnect™ plastic tubing between house cold water line and the water connection location.
- The tubing should be long enough to extend to the front of the refrigerator. Allow enough tubing to accommodate the bend leading into the water line connection.

NOTE: The only GE approved plastic tubing is supplied in the GE SmartConnect™ Refrigerator Tubing kits. Do not use any other plastic water supply line because the line is under pressure at all times. Other types of plastic may crack or rupture with age and cause water damage to your home.

GE SmartConnect™ Refrigerator Tubing Kits are available in the following lengths:

- 2' (.6 m) WX08X10002
- 6' (1.8 m) WX08X10006
- 15' (4.6 m) WX08X10015
- 25' (7.6 m) WX08X10025

