



MONOGRAM Built-In Steam Oven Instruction Manual

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MONOGRAM

INSTALLATION
Built-In Steam Oven
ZMB9032, ZMB9031

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Safety Information

BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** — Save these instructions for local inspector's use.
- **IMPORTANT** — Observe all governing codes and ordinances.
- **Note to Installer** – Be sure to leave these instructions with Consumer.
- **Note to Consumer** – Keep these instructions for future reference.
- **Skill level** – Installation of this appliance requires a qualified installer or electrician.
- **Proper installation** is the responsibility of the installer.
- **Product failure** due to improper installation is not covered under Warranty.
- **Product** is for indoor use only.

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.

FOR YOUR SAFETY:



WARNING

Before beginning the installation, switch power off at the service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel. 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. Make sure the wall coverings, counters, and cabinets around the oven can withstand the heat (up to 200°F [93.3°C]) generated by the oven.

MODELS AVAILABLE

Pro Models:

ZMB9031 – Stainless Steel

Min Models:

ZMB9032 – Stainless Steel

Installation Instructions

MATERIALS YOU MAY NEED

Junction Box

Wire Nuts

Strain Relief Clamp for 1/2" Conduit

36" (91 cm) of String

TOOLS YOU MAY NEED

1/8" Drill Bit and Electric or Hand Drill

Phillips Screwdriver

Wire Strippers

DESIGN INFORMATION

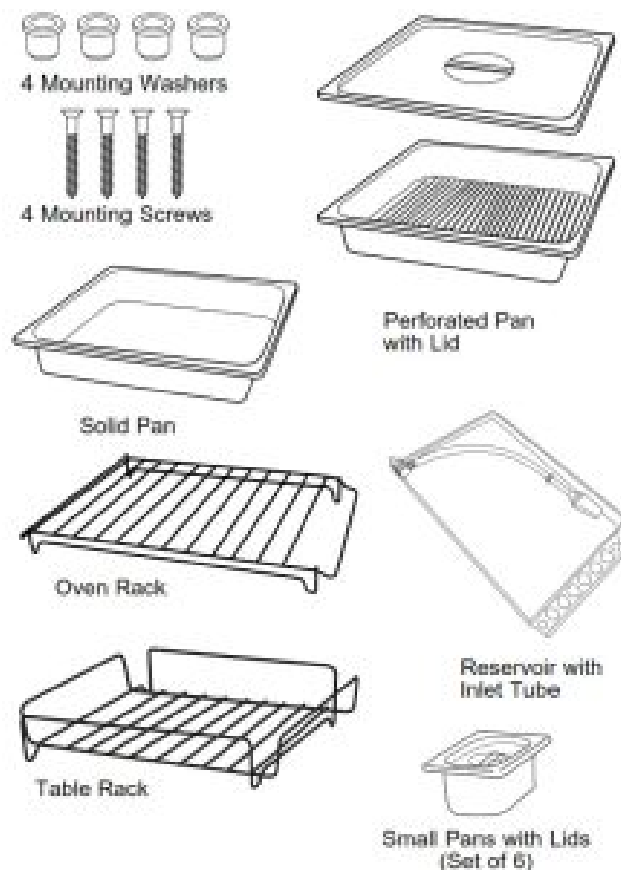
STEAM OVEN INSTALLATIONS

The steam oven may be installed in a cabinet alone or above a warming drawer, single wall oven, or below another steam oven or speedcook oven. The steam oven may also be installed side by side, below a countertop, or below specified cooktops. See the label on the outside of the oven for approved models.

IMPORTANT: Always refer to individual installation instructions packed with each product for specific requirements.

REMOVE PACKAGING MATERIALS AND PARTS

Failure to remove packaging materials could result in damage to the appliance. Remove all packing parts from oven, racks and heating elements. Remove protective film and labels on the outer door and control panel. Open oven door and remove literature pack and reservoir, cookware, meat probe, and oven racks. Locate parts package containing mounting screws.

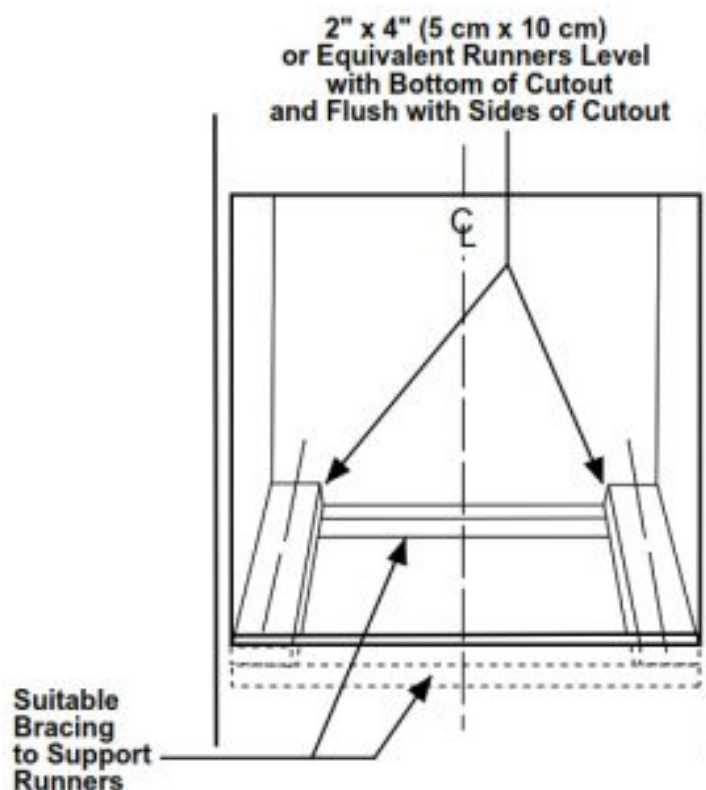


PREPARE THE OPENING

NOTE: If the cabinet does not have a solid bottom, two braces or runners must be installed to support the weight of the oven. For steam ovens, the runners and braces must support 170 lbs (78 kg).

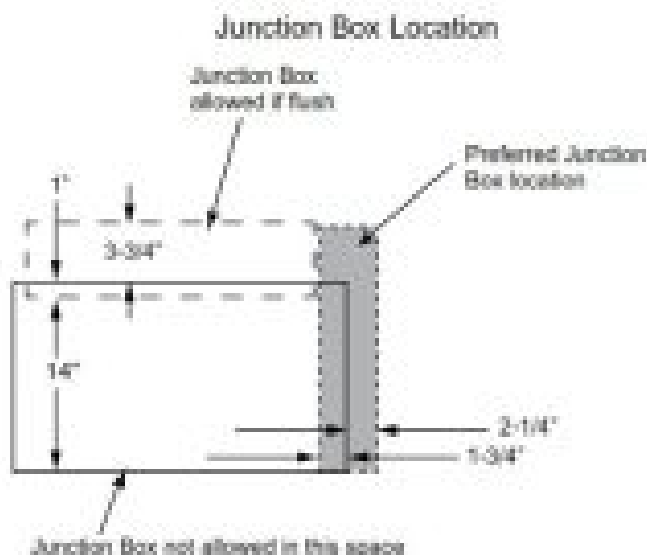
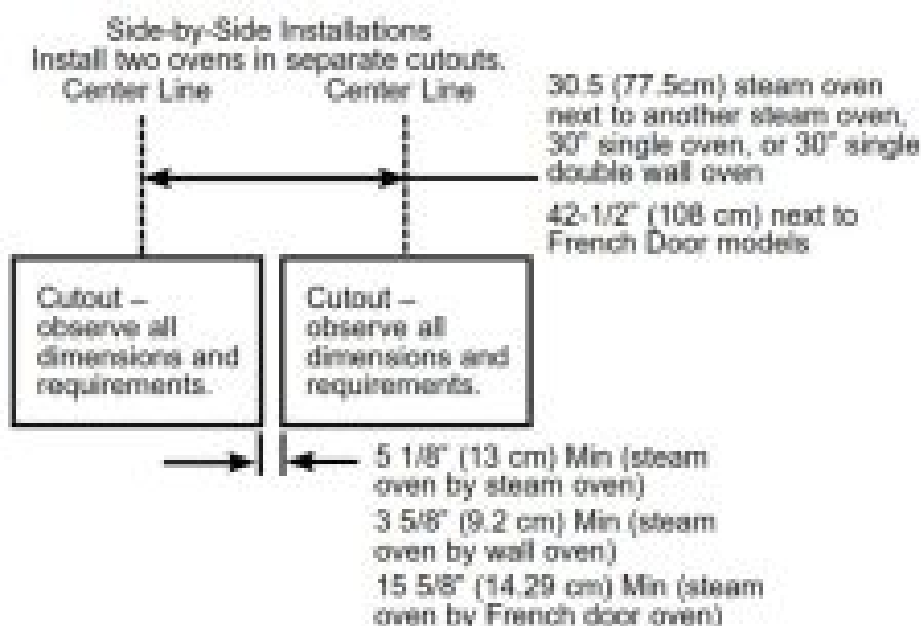
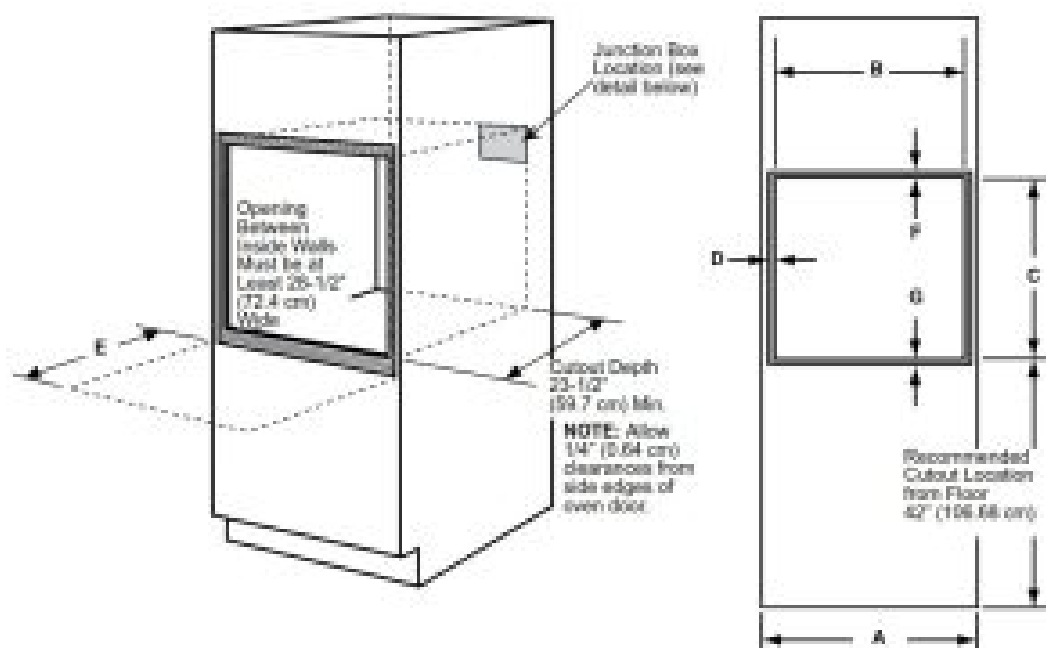
NOTE: If marks, blemishes or the cutout opening are visible above the installed oven, it may be necessary to add wood shims under the runners until the marks or opening are covered.

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



CUTOUT FOR STEAM OVENS IN WALL CABINET

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.

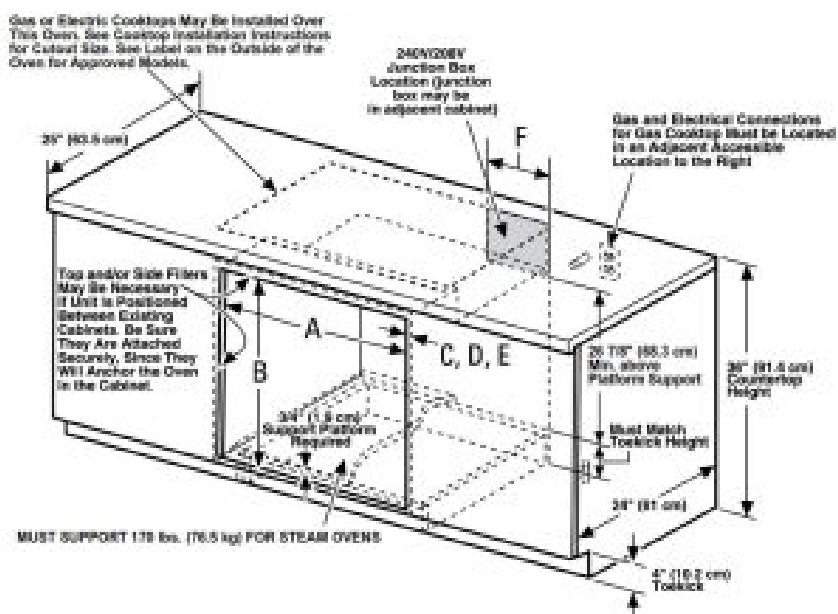


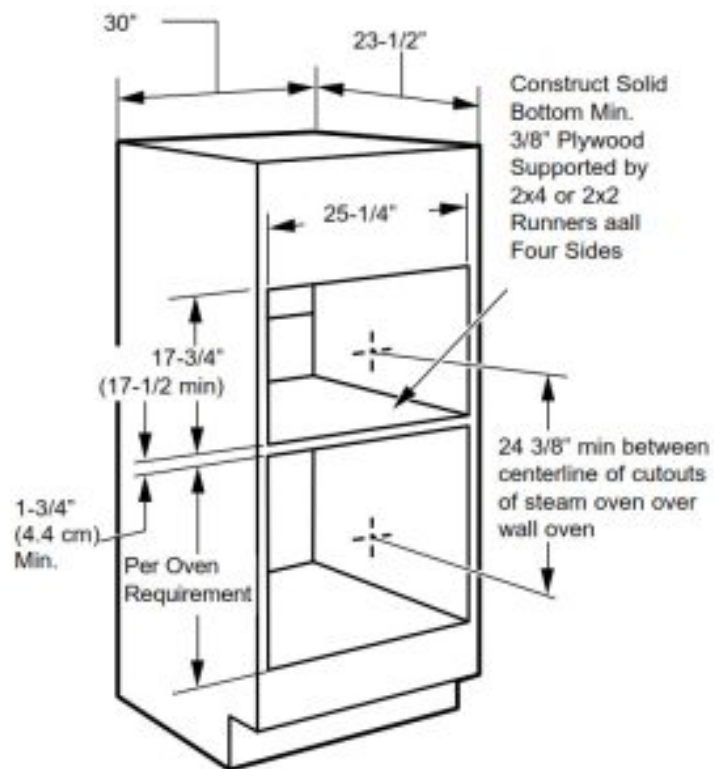
Dimension	Dimension Description	30" Steam Oven
A	Cabinet Width	30" (76.2 cm)
B	Cutout Width	25-1/4" (64.1 cm) min. 25-3/4" (65.4 cm) max.
C	Cutout Height	17-1/2" (44.4 cm) min. 17-3/4" (45.1 cm) max.
D	Clearance from cutout – side edges*	2-1/4" (5.7 cm)
E	Clearance to Adjacent Corners, Drawers, Walls, etc., When Door Is Open	13" (33 cm) min.
F	Clearance from cutout – top*	1" (2.5 cm) min.
G	Clearance from cutout – bottom*	3/4" (1.9 cm)
H	Junction Box Location	see detail right side preferred

* Refers to minimum clearance required for wall oven installation and does not reflect actual product dimensions.

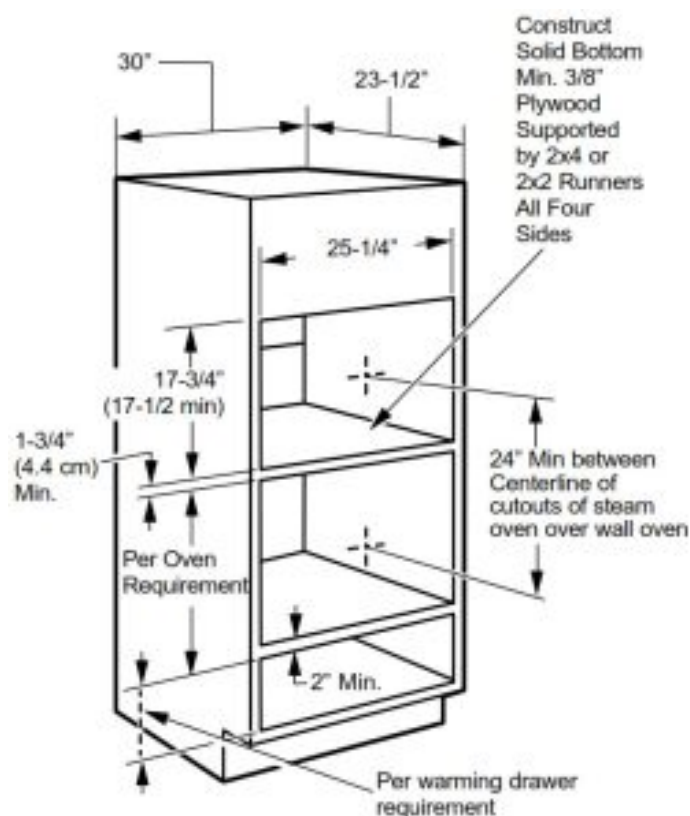
CUTOUT FOR STEAM OVENS – UNDER COUNTER

NOTE: These ovens are only approved to be installed under the specific models as labeled on the unit.





CUTOUT FOR STEAM OVEN OVER A WALL OVEN AND WARMING DRAWER



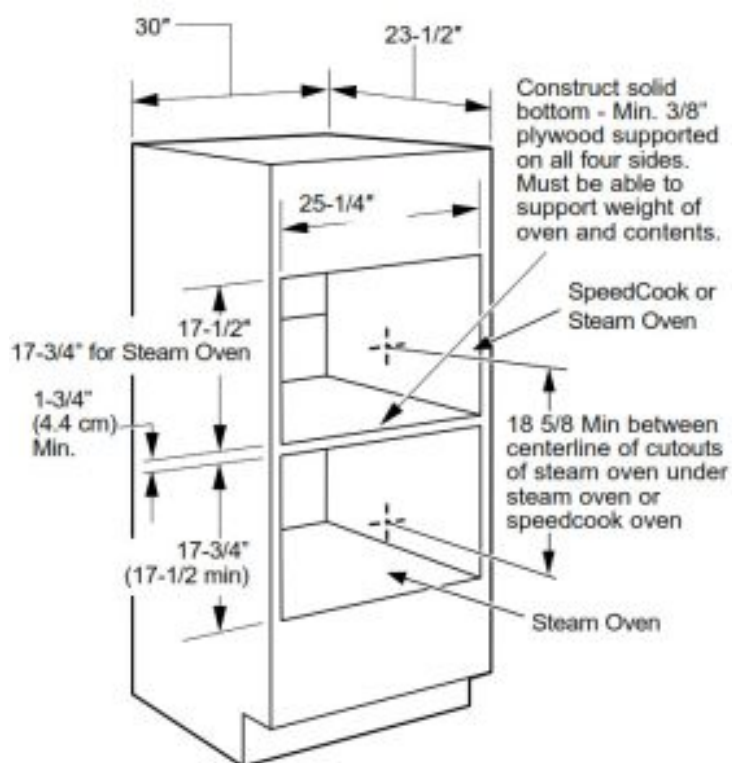
NOTE: Additional clearances between the cutouts may be required. Check to be sure the oven supports above the Warming Drawer location do not obstruct the required interior depth and height. See Warming Drawer installation instructions for details.

When installed over a wall oven or warming drawer: Steam ovens are suitable for installation above only certain specified appliance models. See the label attached to the outside of the steam oven for suitable models.



For personal safety, the mounting surface must be capable of supporting the cabinet load, in addition to the added weight of this approximate 120-pound oven, plus additional oven loads of up to 50 pounds or a total weight of 180 pounds.

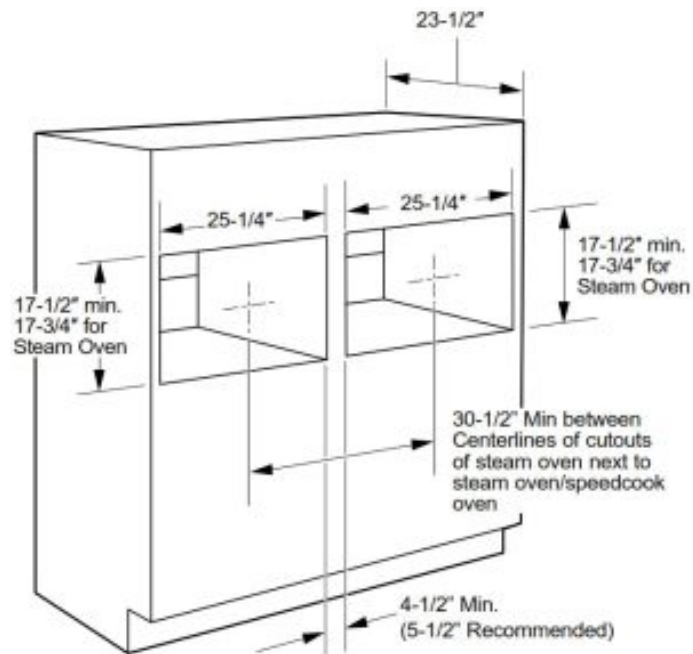
CUTOUT FOR STEAM OVEN UNDER ANOTHER BUILT-IN STEAM OVEN/ BUILT-IN SPEEDCOOK OVEN



■ If you are mounting a Built-In Steam Oven under a Built-In SpeedCook Oven or another Built-In Steam Oven, use the dimensions shown. The middle rail separating the two openings may need to be larger than the 1-3/4" minimum shown.

When installed under a Built-In SpeedCook Oven or another Built-In Steam Oven: Steam ovens are suitable for installation under only certain specified appliance models. See the label attached to the outside of the steam oven for suitable models.

CUTOUT FOR STEAM OVEN BESIDE ANOTHER BUILT-IN STEAM OVEN/BUILT-IN SPEEDCOOK OVEN:



■ If you are mounting a Built-In Steam Oven beside a Built-In SpeedCook Oven or another Built-In Steam Oven, use the dimensions shown. The middle rail separating the two openings may need to be larger than the 4-1/2" minimum shown.

When installed beside a Built-In SpeedCook Oven or another Built-In Steam Oven: Steam ovens are suitable for installation under only certain specified appliance models. See the label attached to the outside of the steam oven for suitable models.

FLUSHMOUNT INSTALLATION PREPARATION PREPARE THE INTERIOR

Cut and install side cleats:

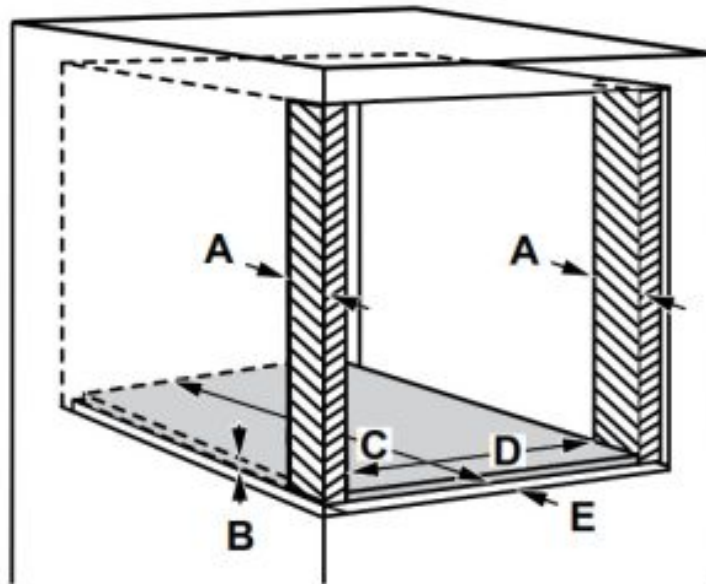
■ Cut side wood cleats to height of cabinet opening and approx. 2-1/2" in depth. Install, on each side, 1-1/2" from the front face of the cabinet.

Cut and install bottom cleat:

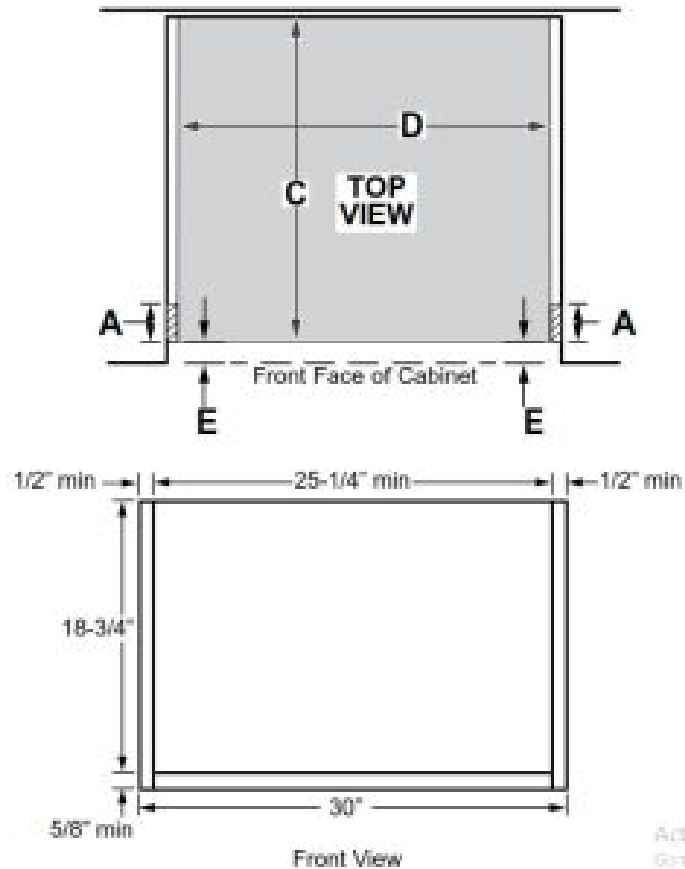
■ Cut bottom wood cleat to a height of 5/8" minimum, a depth of the cabinet minus 1-1/2" and a width of the cabinet opening (30") minus two side cleat thicknesses (minimum 1/2" each) – 25 1/4" minimum (29" if using 1/2" side cleats).

FLUSHMOUNT INSTALLATION PREPARATION (Cont.)

Install onto the cabinet floor between the side cleats, push it all the way back against cabinet wall and make sure its front face aligns with the front faces of the side cleats (E gap from the front cabinet face).



A	Side cleats depth	2-1/2" min.
B	Bottom cleat height	5/8"
C	Bottom cleat depth	Cabinet depth minus E
D	Bottom cleat width	25-1/4"
E	All three cleats inset from cabinet front	ZMB9032: 1 7/16" ZMB9031: 1 3/8"



DOOR REMOVAL

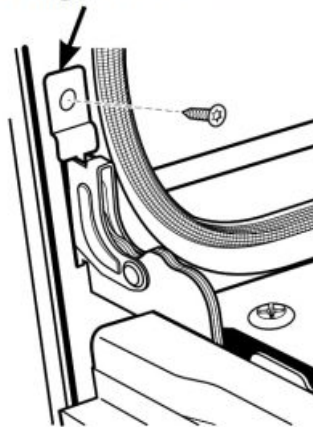
NOTE: Door removal is not a requirement for installation of the product but is an added convenience.

To remove the door:

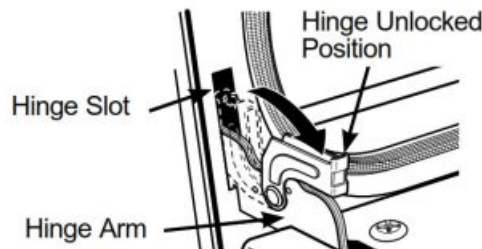
A. Open the oven door as far as it will go.

B. Remove hinge bracket, if equipped, Hinge Bracket from front frame and set aside. The hinge bracket must be replaced, if equipped, for proper door functionality when door is reinstalled.

Hinge Bracket

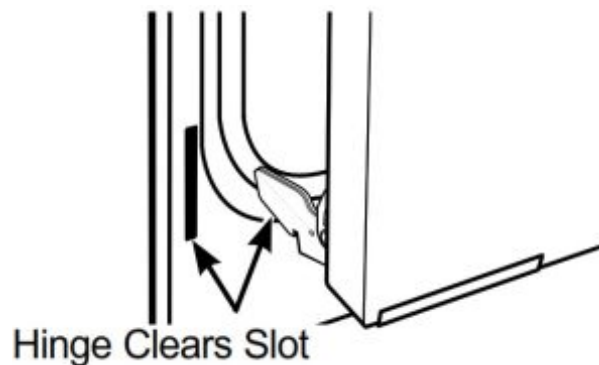


C. Push both hinge locks down toward the door frame to the unlocked position. This may require a flatblade screwdriver. DO NOT LIFT THE DOOR BY THE HANDLE!



D. Place hands on both sides of the door and close the oven door to the removal position (approximately 1"–2" [2.5 cm–5.1 cm] from the closed position).

E. Lift the door up and out until the hinge arms clear the slots. NOTE: The oven door is very heavy. Be sure you have a firm grip before lifting the oven door off the hinges. Use caution once the door is removed. Do not lay the door on its handle. This could cause dents or scratches.



ELECTRICAL REQUIREMENTS



WARNING: This appliance must be properly grounded.



WARNING: To prevent fire or shock, do not use an extension cord with this appliance.



WARNING: To prevent shock, remove house fuse or open circuit breaker before beginning installation.



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.

We recommend you have the electrical wiring and hookup of your appliance connected by a qualified electrician. After installation, have the electrician show you how to disconnect power from the appliance.

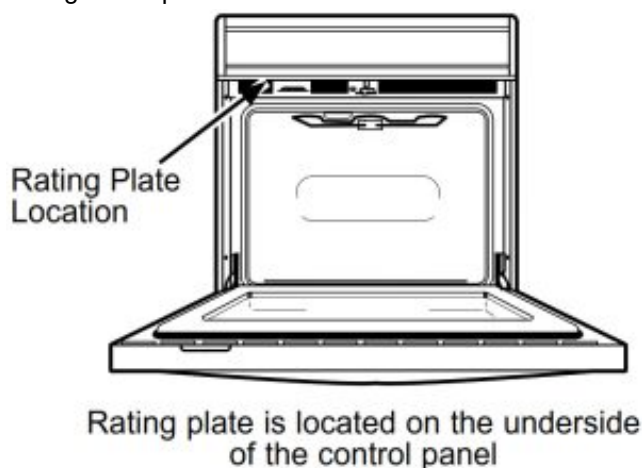
You must use a single-phase, 120/208 VAC or 120/240 VAC, 60 Hertz electrical system. If you connect to aluminum wiring, properly installed connectors approved for use with aluminum wiring must be used.

Effective January 1, 1996, the National Electrical Code requires that new construction (not existing) 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, refer to the section on four-conductor branch circuit connections.

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 National Electrical Code, NFPA No. 70 – latest edition, available from the National Fire Protection Association.

ELECTRICAL REQUIREMENTS (Cont.)

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 underside of the control panel 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	4.2 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

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.

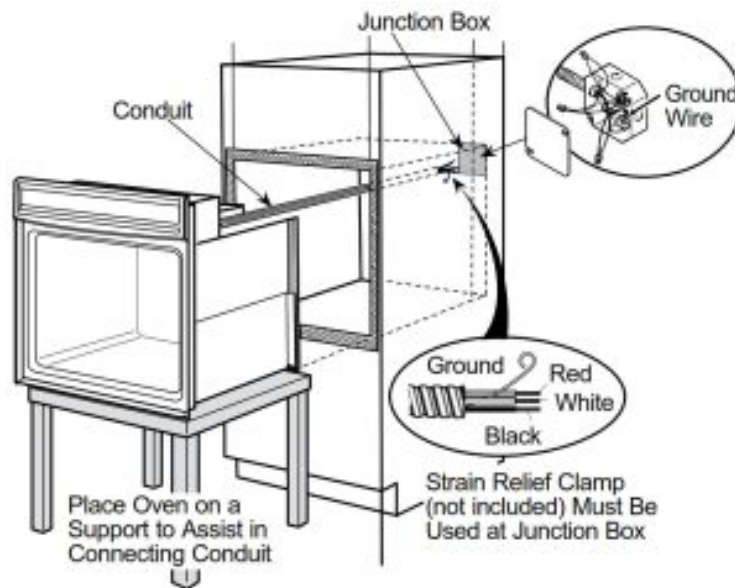
The 3 power leads supplied with this appliance are suitable for connection to heavier gauge household wiring. The insulation of these 3 leads is rated for temperatures much higher than the temperature rating of the household wiring. The current-carrying capacity of the conductor is governed by the wire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

MAKE ELECTRICAL CONNECTIONS

WARNING

Switch power off at the service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel. Place oven on table or platform even with the cutout opening. For a steam oven, the platform must support 170 lbs. (78 kg). Connect the flexible conduit to the electrical junction box as shown below*.

Position the conduit in such a manner that it will lie behind the unit 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.

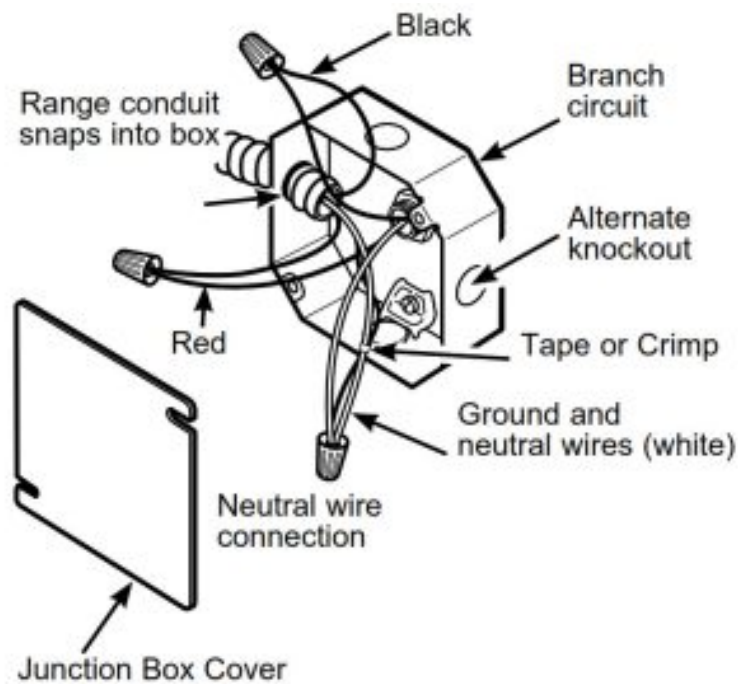


* Ovens come equipped with a 40" or 54" long conduit. If a longer conduit is desired, there may be one available for your model. To check availability or order parts, visit monogram.com.

THREE-CONDUCTOR BRANCH CIRCUIT CONNECTION

NOTE: If residence leads are aluminum conductors, see WARNING in Section 4, Electrical Requirements. When connecting to a three-conductor branch circuit, if local codes permit:

- A. Connect the oven ground conductor along with the neutral (white) lead to the branch circuit neutral (white or gray in color), using a wire nut.
- B. Connect the oven red lead to the branch circuit red lead and the oven black lead to the branch circuit black lead in accordance with local codes, using wire nuts.
- C. Install proper strain relief clamp.
- D. Install junction box cover.

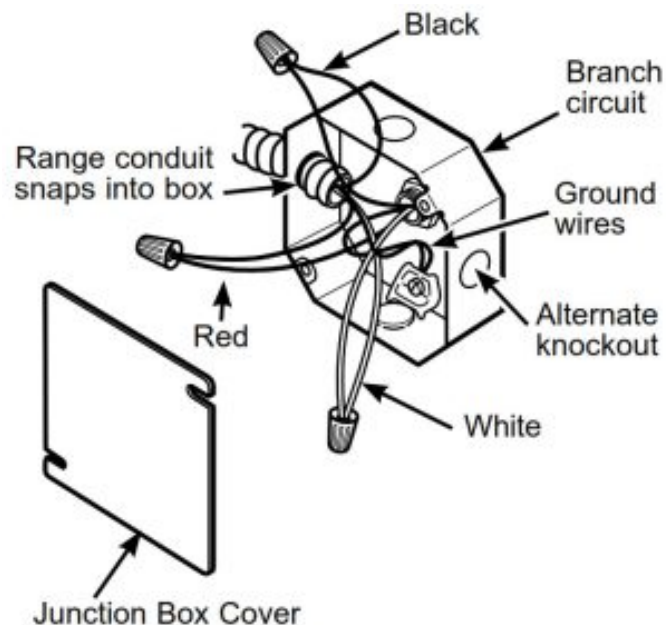


FOUR-CONDUCTOR BRANCH CIRCUIT CONNECTION

NOTE: If residence leads are aluminum conductors, see WARNING in Section 5, Electrical Requirements.

When connecting to a four-conductor branch circuit, if local codes permit:

- Free the neutral (white) lead from being restrained to any other wires. If necessary, cut the neutral (white) lead and then re-strip it to expose the proper length of conductor.
- Attach the appliance grounding lead (green or bare copper) in accordance with local codes.
- Connect the oven neutral (white) lead to the branch circuit neutral (white or gray) in accordance with local codes, using a wire nut.
- Connect the oven red lead to the branch circuit red lead and the oven black lead to the branch circuit black lead in accordance with local codes, using wire nuts.
- Install proper strain relief clamp.
- Install junction box cover.



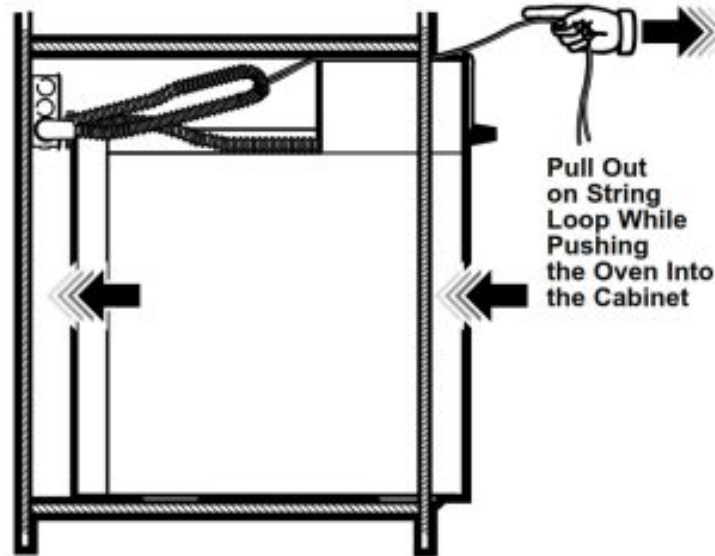
SLIDE OVEN INTO OPENING

- Loop (do not tie) a 36" (91 cm) string around the conduit before the oven is slid into place. This will keep the conduit from falling behind the oven.
- Lift oven into the opening. Use removable wireformed handles on sides to lift unit. Do not lift unit by handle or

conduit. Two people are required to lift this oven. Carefully push against oven front frame. Do not push against outside edges.

C. Leave oven a few inches forward of the cabinet front frame. Do not push the unit all of the way into the cutout.

D. As you slide the oven back, pull the string so that the conduit will lie on top of the oven in a natural loop.



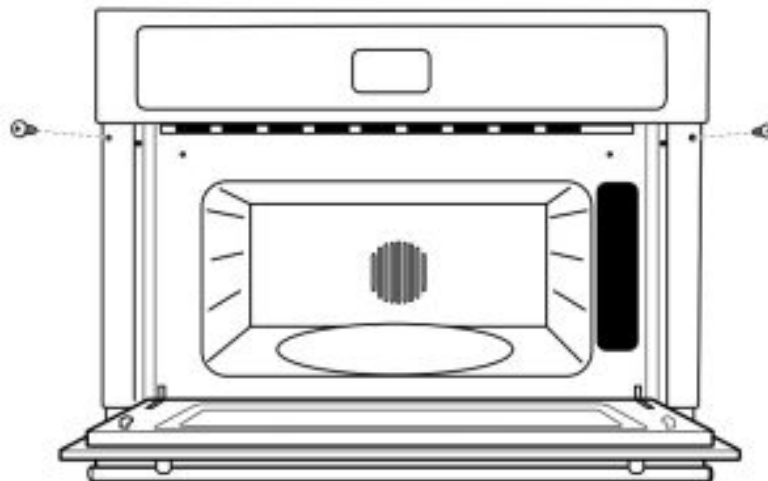
E. When you are sure the conduit is out of the way, slide the oven $\frac{3}{4}$ way back into the opening. Remove the string by pulling on one end of the loop.

INSTALL MOUNTING SCREWS



WARNING Mounting screws must be used. Failure to do so could result in the oven falling out of the cabinet, causing serious injury.

NOTE: Before drilling the pilot holes, make sure the oven is pushed as far back into the opening as it will go and is centered.



A. Tip the top of the oven toward you so the bottom of the unit can slide into the cutout first.

B. Slide the oven the remaining way into the opening so that the side flanges and control panel are against the cabinet frame. Make sure that the oven is centered in the opening. C. Open the door, place a rack in the oven and make sure that the rack in the unit is level.

D. Drill pilot holes through the side flanges into the cabinet.

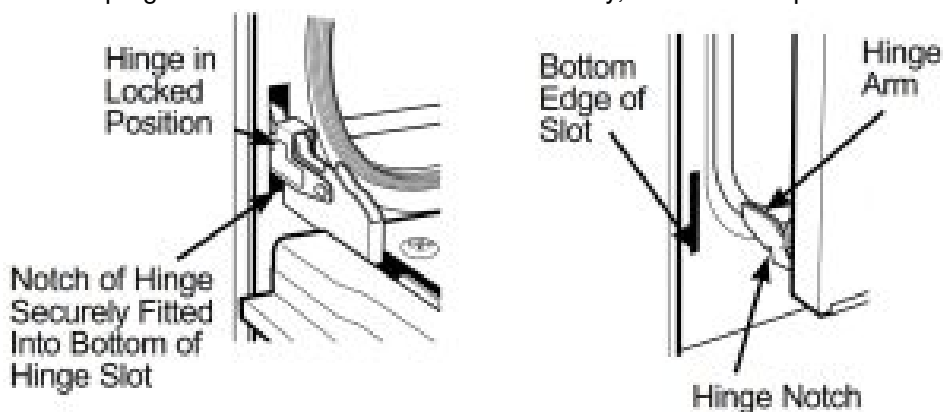
E. Place the included washers around the mounting screws and drive the screws into the side flanges. It is recommended that the screws be hand tightened.

REPLACING THE OVEN DOOR

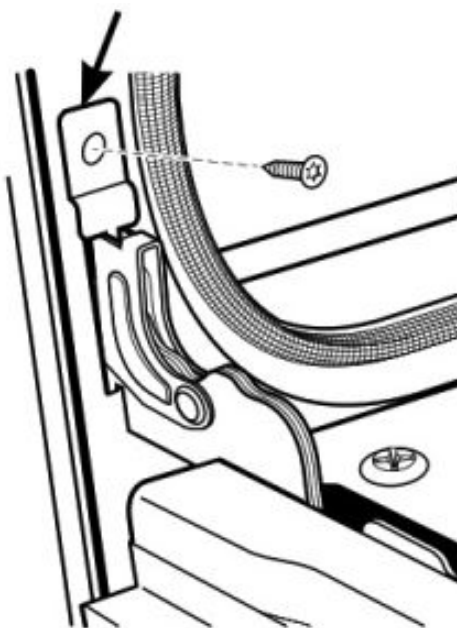
NOTE: The oven door is heavy. You may need help lifting the door high enough to slide it into the hinge slots. Do not lift the door by the handle.



- A. Lift the oven door by grasping each side.
- B. With the door at the same angle as the removal position (approximately 1"–2" [2.5 cm–5.1 cm] from the closed position), seat the notch of the hinge arm into the bottom edge of the hinge slot. The notch of the hinge arm must be fully seated into the bottom of the slot.
- C. Fully open the door. If the door will not fully open, the indentation is not seated correctly in the bottom edge of the slot.
- D. Push the hinge locks up against the front frame of the oven cavity, to the locked position.



- E. Replace hinge bracket, if equipped, to ensure proper door functionality.
- F. Close the oven door.



FINAL INSTALLATION CHECKLIST

- Check to make sure the circuit breaker is closed (RESET) or the circuit fuses are replaced.
- Be sure power is in service to the building.
- Check that all packing material and tape have been removed. Failure to remove these materials could result in damage to the appliance once the appliance has been turned on and surfaces have heated.
- Remove all items from inside the oven.
- Check to be sure that the mounting screws are installed and flush with the side trim (see Section 9).
- If applicable – install handles following handle installation instructions and check that both ends are secured.

OPERATION CHECKLIST


- Turn power on at the source. The interior light should come on when the door is opened.
- When power is applied to the unit for the first time, the control will go through an initial setup. These settings can be changed at any time. Reference the SETTINGS section. During this initial setup, use the arrow keys and SELECT keypad to follow the oven control prompts.
- See your Owner’s Manual for the operating instructions troubleshooting list.
- Be sure all of the oven controls are OFF before leaving the oven.

NOTE: While performing installations described in this book, safety glasses or goggles should be worn.
NOTE: Product improvement is a continuing endeavor at Monogram Appliances. Therefore, materials, appearance, and specifications are subject to change without notice.



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Documents / Resources

 INSTALLATION INSTRUCTIONS <small>Built-In Steam Oven ZMB9032, ZMB9031</small>	MONOGRAM Built-In Steam Oven [pdf] Instruction Manual MONOGRAM, Built-In Steam Oven, ZMB9032, ZMB9031
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