

MAYTAG
MFES4030R Electric
Range



MAYTAG MFES4030R Electric Range Installation Guide

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MAYTAG

MAYTAG MFES4030R Electric Range



Product Usage Instructions

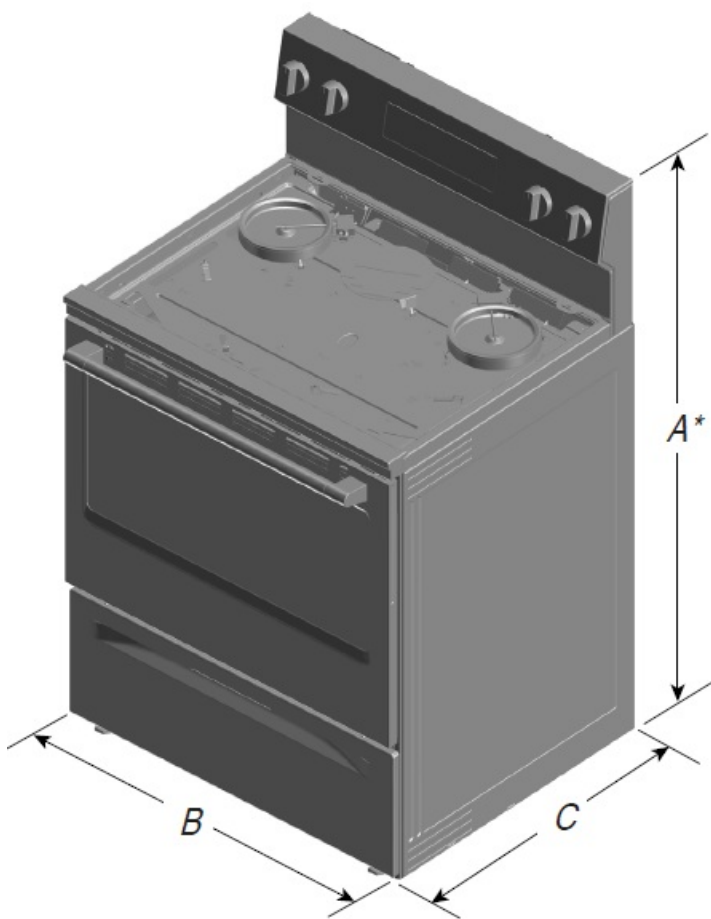
- Observe all governing codes and ordinances for installation. To prevent burns or fire, avoid cabinet storage space above the surface units.
- If storage is necessary, install a range hood projecting at least 5 inches beyond the bottom of the cabinets.
- Installer must comply with specified installation clearances on the model/serial/rating plate.
- The range should be conveniently located in the kitchen for easy use.
- Recessed installations must enclose the sides and rear of the range completely.
- All openings in the wall or floor where the range will be installed must be sealed.
- Use the minimum clearance dimensions provided for cabinet opening.
- Install the anti-tip bracket provided with the range as instructed.
- A grounded electrical supply is required, refer to the Electrical Requirements section.

DIMENSION

MFES4030R*			
Legend	Description	in	cm
A*	Overall Height (minimum)	46.48	118.06
B	Overall Width	29.87	75.88
C	Overall Depth Including Handle	28.06	71.29

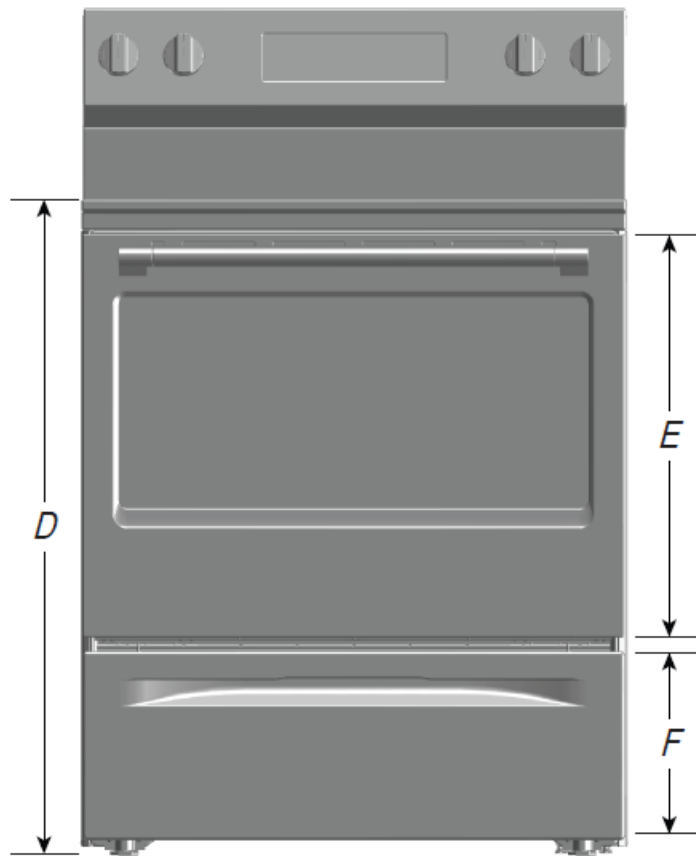
IMPORTANT: Minimum height dimensions are at the lowest point of the height adjustment range. When the

leveling legs are fully extended, all heights have 1 1/2" (3.8 cm) of added height.



IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Owner’s Manual before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation.

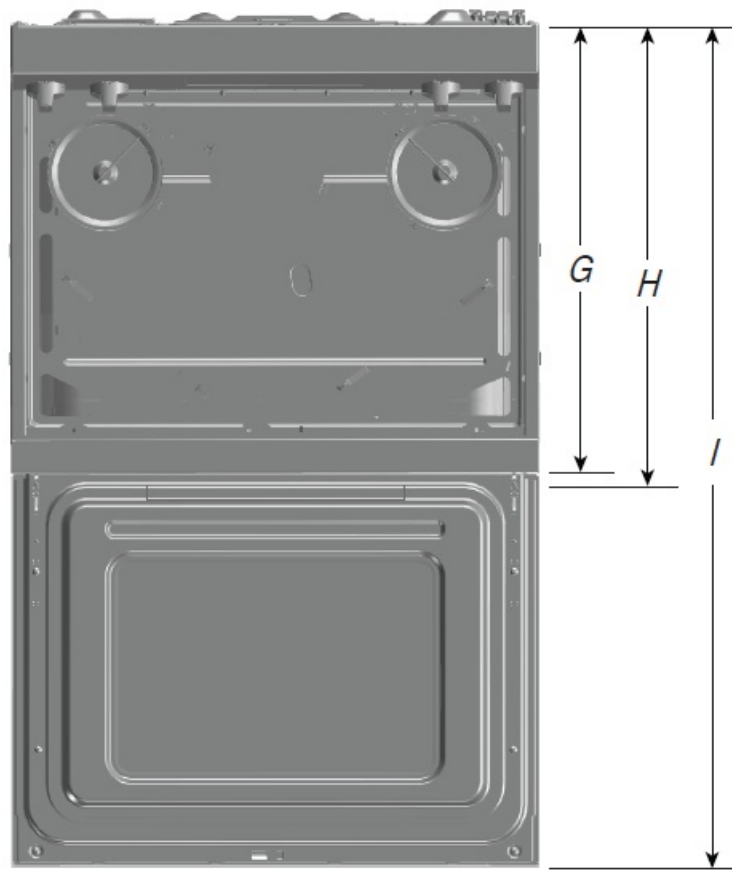
MFES4030R*			
Legend	Description	in	cm
D	Cooktop Height	35.83	91.02
E	Door Height	22.29	56.62
F	Drawer Height	10.33	26.23



FRONT VIEW

IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Owner's Manual before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation.

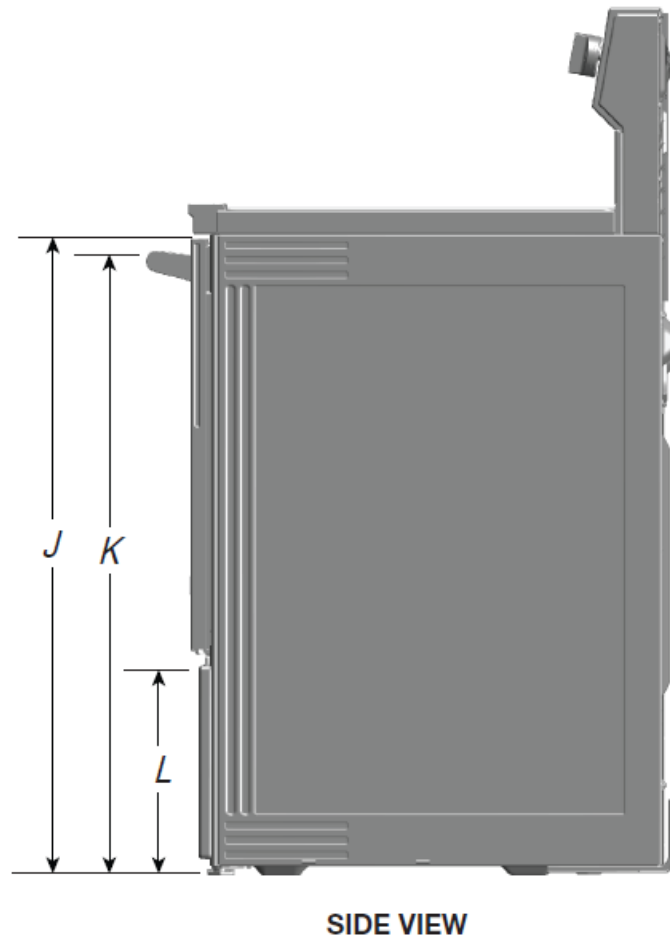
MFES4030R*			
Legend	Description	in	cm
G	Depth without Handle	26.08	66.24
H	Depth with Handle	28.06	71.29
I	Depth with Door Fully Open	46.77	118.80



TOP VIEW

IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Owner's Manual before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation.

MFES4030R*			
Legend	Description	in	cm
J	Door Top Height	34.11	86.65
K	Handle Top Height	33.43	84.90
L	Drawer Height	11.21	28.47



IMPORTANT: Dimensional specifications are provided for planning purposes only. Do not make any cutouts based on this information. Refer to the Owner's Manual before selecting cabinetry, verifying electrical/gas connections, making cutouts or beginning installation.

Location Requirements

IMPORTANT: Observe all governing codes and ordinances.

- To eliminate the risk of burns or fire by reaching over heated surface units, cabinet storage space located above the surface units should be avoided. If cabinet storage is to be provided, the risk can be reduced by installing a range hood that projects horizontally a minimum of 5 inches beyond the bottom of the cabinets.
- It is the installer's responsibility to comply with installation clearances specified on the model/serial/rating plate. The model/serial/rating plate is located on the frame behind a top corner of the door or either side of the drawer.
- The range should be located for convenient use in the kitchen.
- Recessed installations must provide complete enclosure of the sides and rear of the range.
- All openings in the wall or floor where range is to be installed must be sealed.
- Cabinet opening dimensions that are shown must be used. Given dimensions are minimum clearances.
- The anti-tip bracket must be installed. To install the anti-tip bracket shipped with the range, see "Install Anti-Tip Bracket" section.
- Grounded electrical supply is required. See the appropriate "Electrical Requirements" section.
- Contact a qualified floor covering installer to check that the floor covering can withstand at least 200°F (93°C).
- Use an insulated pad or 1/4" (0.64 cm) plywood under range if installing range over carpeting.

IMPORTANT: To avoid damage to your cabinets, check with your builder or cabinet supplier to make sure that the materials used will not discolor, delaminate or sustain other damage. This oven has been designed in accordance with the requirements of UL and CSA International and complies with the maximum allowable wood cabinet temperatures of 194°F (90°C).

Mobile Home-Additional Installation Requirements

- The installation of this range must conform to the Manufactured Home Construction and Safety Standard, Title 24 CFR,
- Part 3280 (formerly the Federal Standard for Mobile Home Construction and Safety, Title 24, HUD Part 280).
- When such standard is not applicable, use the Standard for Manufactured Home Installations, ANSI A225.1/NFPA 501A or with local codes.
- In Canada, the installation of this range must conform with the current standards CAN/CSA-Z240.1 – latest edition, or with local codes.

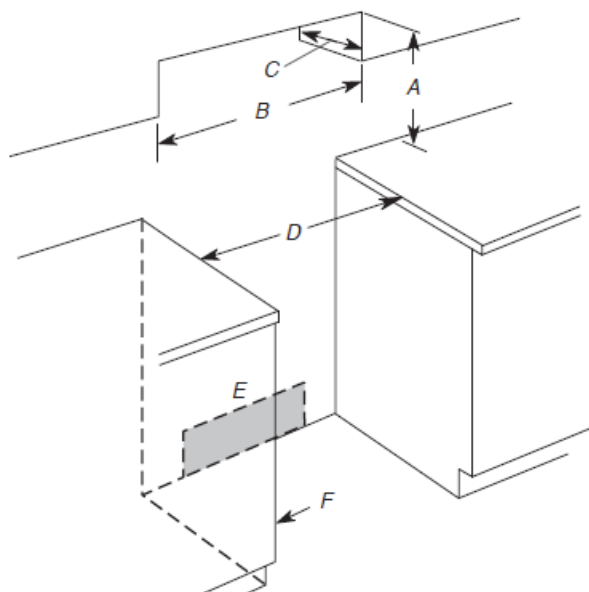
Mobile Home Installations Require:

- When this range is installed in a mobile home, it must be secured to the floor during transit. Any method of securing the range is adequate as long as it conforms to the standards listed above.
- Four-wire power supply cord or cable must be used in a mobile home installation. The appliance wiring will need to be revised. See “Electrical Connection – U.S.A. Only” section.

Cabinet Dimensions

Cabinet opening dimensions shown are for 25" (64.0 cm) countertop depth, 24" (61.0 cm) base cabinet depth and 36" (91.4 cm) countertop height.

IMPORTANT: If installing a range hood or microwave hood combination above the range, follow the range hood or microwave hood combination installation instructions for dimensional clearances above the cooktop surface. A freestanding range may be installed next to combustible walls with zero clearance.




- A. For minimum clearance to top of cooktop, see NOTE*.
- B. 30" (76.2 cm) minimum opening width
- C. 13" (33.0 cm) maximum upper cabinet depth
- D. 30" (76.2 cm) minimum opening width

- E. Outlet – 8" (20.3 cm) to 22" (55.9 cm) from either cabinet, 7" (17.8 cm) maximum from floor.
- F. Cabinet door or hinges should not extend into the cutout.

***NOTE:** 24" (61.0 cm) minimum when bottom of wood or metal cabinet is covered by not less than 1/4" (0.64 cm) flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" (0.4 mm) stainless steel, 0.024" (0.6 mm) aluminum or 0.020" (0.5 mm) copper. 30" (76.2 cm) minimum clearance between the top of the cooking platform and the bottom of an uncovered wood or metal cabinet.

Electrical Requirements – U.S.A. Only

WARNING

<p>Electrical Shock Hazard Electrically ground appliance.</p> <p>Failure to do so could result in death, fire, or electrical shock.</p>

- If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path and wire gauge are following local codes.
- Do not use an extension cord.
- Be sure that the electrical connection and wire size are adequate and in conformance with the National Electrical Code, ANSI/NFPA 70-latest edition and all local codes and ordinances.

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

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

WARNING: Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service technician if you are in doubt as to whether the appliance is properly grounded. Do not modify the power supply cord plug. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Electrical Connection

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

Range must be connected to the proper electrical voltage and frequency as specified on the model/serial/rating plate. The model/serial/rating plate is located on the frame behind a top corner of the door or either side of the drawer.



A. The model/serial/rating plate is located on the frame behind a top corner of the door or either side of the drawer.

- This range is manufactured with the neutral terminal connected to the cabinet. Use a 3-wire, UL listed, 40 A or 50 A power supply cord (pigtail). See the following Range Rating chart. If local codes do not permit ground through the neutral, use a 4-wire power supply cord rated at 250 V, 40 A or 50 A and investigated for use with ranges.

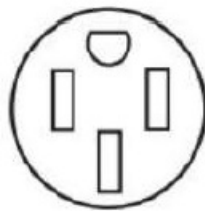
Range Rating*		Specified Rating of Power Supply Cord Kit and Circuit Protection
120/240 V	120/208 V	Ampere
8.8-16.5 kW	7.8-12.5 kW	40 or 50**
16.6-22.5 kW	12.6-18.5 kW	50**

The NEC calculated load is less than the total connected load listed on the model/serial/rating plate. For 50 A rated cord kits, use kits that specify use with a nominal 13/8" (34.9 mm) diameter connection opening.

- A circuit breaker is recommended.
- The range can be connected directly to the circuit breaker box (or fused disconnect) through flexible or nonmetallic sheathed, copper or aluminum cable. See the "Electrical Connection – U.S.A. Only" section.
- Allow 2 to 3 ft (61.0 cm to 91.4 cm) of slack in the line so that the range can be moved if servicing is ever necessary.
- A UL listed conduit connector must be provided at each end of the power supply cable (at the range and at the junction box).
- Wire sizes and connections must conform with the rating of the range.
- The Tech Sheet is located on the back of the range inside a clear plastic bag.

If connecting to a 4-wire system:

- This range is manufactured with the ground connected to the neutral by a link. The ground must be revised so the green ground wire of the 4-wire power supply cord is connected to the cabinet.
- See the “Electrical Connection – U.S.A. Only” section.
- Grounding through the neutral conductor is prohibited for new branch-circuit installations (1996 NEC); mobile homes; and recreational vehicles, or an area where local codes prohibit grounding through the neutral conductor.
- When a 4-wire receptacle of NEMA Type 14-50R is used, a matching UL listed, 4-wire, 250 V, 40 A or 50 A, range power supply cord (pigtail) must be used. This cord contains 4 copper conductors with ring terminals or open-end spade terminals with upturned ends, terminating in a NEMA Type 14-50P plug on the supply end.
- The fourth (grounding) conductor must be identified by a green or green/yellow cover and the neutral conductor by a white cover. Cord should be Type SRD or SRDT with a UL listed strain relief and be at least 4 ft (1.22 m) long.



4-wire receptacle (14-50R)

The minimum conductor size for the copper 4-wire power cord are:

- 40 A circuit
- 2 No.-8 conductors
- 1 No.-10 white neutral
- 1 No.-8 green grounding

If connecting to a 3-wire system:

Local codes may permit the use of a UL listed, 3-wire, 250 V, 40 A or 50 A range power supply cord (pigtail). This cord contains 3 copper conductors with ring terminals or open-end spade terminals with upturned ends, terminating in a NEMA Type 10-50P plug on the supply end. Connectors on the appliance end must be provided at the point the power supply cord enters the appliance. This uses a 3-wire receptacle of NEMA Type 10-50R.



3-wire receptacle (10-50R)

Electrical Requirements – Canada Only

WARNING



Electrical Shock Hazard Electrically ground appliance.

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

If codes permit and a separate ground wire is used, it is recommended that a qualified electrical installer determine that the ground path is adequate and wire gauge are in accordance with local codes. Be sure that the electrical connection and wire size are adequate and in conformance with CSA Standard C22.1, Canadian Electrical Code, Part 1 – latest edition, and all local codes and ordinances. A copy of the above code standards can be obtained from:

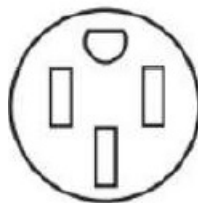
- Canadian Standards Association
- 178 Rexdale Blvd.
- Toronto, ON M9W 1R3 CANADA

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

Range Rating*		Specified Rating of Power Supply Cord Kit and Circuit Protection
120/240 V	120/208 V	Ampere
8.8-16.5 kW	7.8-12.5 kW	40 or 50**
16.6-22.5 kW	12.6-18.5 kW	50**

The NEC calculated load is less than the total connected load listed on the model/serial/rating plate. For 50 A rated cord kits, use kits that specify use with a nominal 13/8" (34.9 mm) diameter connection opening.

- A time-delay fuse or circuit breaker is recommended.
- This range is equipped with a CSA International Certified Power Cord intended to be plugged into a standard 14-50R wall receptacle. Be sure the wall receptacle is within reach of range's final location.



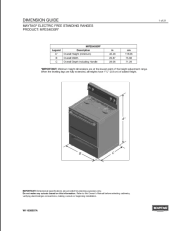
Do not use an extension cord.

FAQ

- **Q:** What should I do if I need cabinet storage above the surface units?

- **A:** If cabinet storage is necessary, install a range hood that extends at least 5 inches beyond the bottom of the cabinets to reduce the risk of burns or fire.
- **Q:** Where can I find the model/serial/rating plate for compliance with installation clearances?
- **A:** The model/serial/rating plate is located on the frame behind a top corner of the door or either side of the drawer.

Documents / Resources

	<p>MAYTAG MFES4030R Electric Range [pdf] Installation Guide MFES4030R, MFES4030R Electric Range, MFES4030R, Electric Range, Range</p>
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References

- [User Manual](#)

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