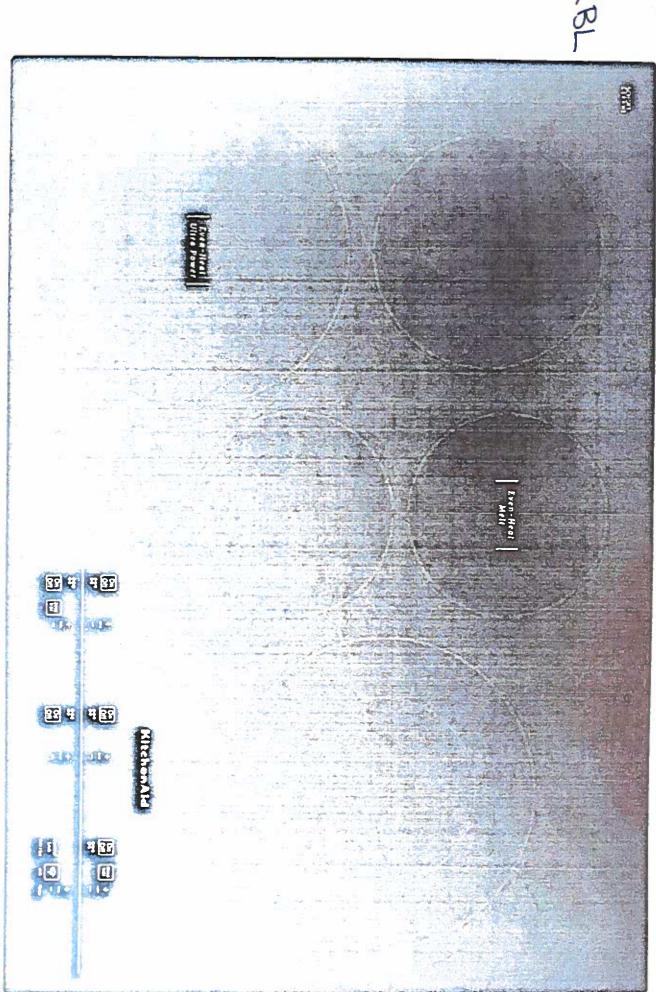
KCES 950 KBL

80"

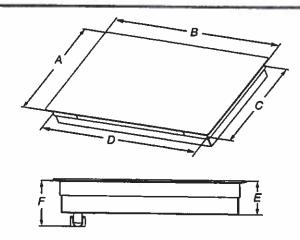
80"

80"





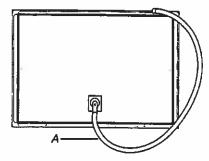
### **Product Dimensions**



- A. Glass depth black and white models 21³/a\* (55.2 cm)
  Glass depth Whirlpool and Maytag stainless steel models 22'/a\* (58.0 cm)
  Glass depth KitchenAld stainless steel models 21⁵/a\* (54.9 cm)
- Glass depth KitchenAid stainless steel models 21% (54.9 cm)

  B. Glass width 24" (60.9 cm) models 2313/18" (60.5 cm)
  Glass width 30" black and white (76.2 cm) models 3014/18" (78.4 cm)
  Glass width Whirlpool and Maytag 30" stainless steel (76.2 cm)
  models 3013/16" (78.4 cm)
  Glass width KitchenAid 30" stainless steel (76.2 cm) models 3013/16" (77.1 cm)
  Glass width 36" black and white (91.4 cm) models 363/16" (92.3 cm)
  Glass width Whirlpool 36" stainless steel (91.4 cm) models 363/16" (92.3 cm)
  Glass width Maytag 36" stainless steel (91.4 cm) models 363/16" (91.5 cm)
  Glass width KitchenAid 36" stainless steel (91.4 cm) models 363/16" (91.0 cm)

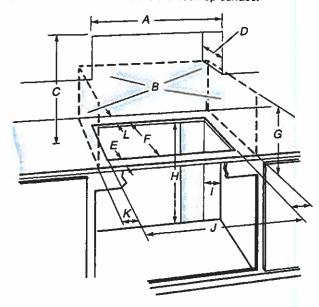
  C. Frame depth 205/16" (51.6 cm)
- C. Frame depth 20% (51.6 cm)
- D. Frame width 24" (60.9 cm) models 21<sup>so</sup>/es" (55.7 cm) Frame width 30" (76.2 cm) models 29" (73.7 cm) Frame width 36" (91.4 cm) models 34<sup>7</sup>/s" (87.5 cm)
- Cooktop height with bottom heat shield 31/16" (9.8 cm) Cooktop height lighted knobs 415/16" (12.55 cm)
- Cooktop height including conduit (located at rear of cooktop, right side) 5" (12.7 cm)
  - Cooktop height lighted knobs, including conduit (located at rear of cooktop, right side) 61/1s\* (15.4 cm)



Location of Power Cord (length of power cord is 48" (121.9 cm), including the conduit)

## **Cabinet Dimensions**

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



- A. 24" (60.9 cm) on 24" models; 30" (76.2 cm) on 30" models; 36" (91.4 cm) on 36" models
- B. Side and rear surfaces illustrated by dashed box above, must meet the minimum clearances to combustible material as defined in dimensions K and L below.
- C. 30° (76.2 cm) minimum clearance between top of cooktop platform and bottom of uncovered wood or metal cabinet (24° [61 cm] minimum clearance if bottom of wood or metal cabinet is covered by not less than 1/4" [0.6 cm] flame retardant millboard covered with not less than No. 28 MSG sheet steel, 0.015" [0.04 cm] stainless steel, or 0.024" [0.06 cm] aluminum or 0.020" [0.05 cm] copper)
- D. 13" (33 cm) recommended upper cabinet depth E. 2" (5.1 cm)

- F. 20½° (52.0 cm) recommended cutout.

  Will fit in cutout from 20¾°-20½° (51.8-52.2 cm).

  G. 18" (45.7 cm) minimum clearance from upper cabinet to countertop within minimum horizontal clearances to cooktop
- Junction box or outlet: 7" (17.8 cm) minimum from top of countertop
- Junction box or outlet: 9" (23.0 cm) maximum from right side of cabinet
- 29½" (74.9 cm) recommended cutout on 30" (76.2 cm) models. Will fit in cutout from 29½="-29½=" (73.8-75.1 cm) on 30" (76.2 cm) models. 35½" (90.2 cm) recommended cutout on 36" (91.4 cm) models. Will fit in cutout from 34½"-35½" (87.8-90.3 cm) on 36" (91.4 cm)
  - Will fit in cutout from 347/6 257/6 (51.0 cm) models. 225/16\* (56.67 cm) recommended cutout on 24\* (61.0 cm) Will fit in cutout from 221/4\*- 221/7\* (56.4 57.0 cm) on 24\* (61.0 cm) models.
- 24" (6.1.0 cm) mouels. 21/2" (6.35 cm) minimum distance to nearest left and right side combustible surface above cooktop 11/2" (3.81 cm) minimum distance from the back of the cooktop cutout to the nearest back side combustible surface above cooktop.

NOTES: After making the countertop cutout, some installations may require notching down the base cabinet side walls to clear the cooktop base. To avoid this modification, use a base cabinet with sidewalls wider than the cutout.

If cabinet has a drawer, a 51/2" (14.0 cm) depth clearance from the top of the countertop to the top of the drawer (or other obstruction) in base cabinet is required.

# **Electrical Requirements**

# AWARNING



### **Electrical Shock Hazard**

Disconnect power before servicing.

Use 8 gauge copper wire.

Electrically ground cooktop.

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

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

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

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

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

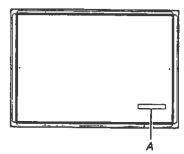
National Fire Protection Association 1 Batterymarch Park Quincy, MA 02169-7471 CSA International

8501 East Pleasant Valley Road Cleveland, OH 44131-5575

### Before You Make the Electrical Connection:

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

A 3-wire or 4-wire, single phase, 120/208 V or 120/240 V, 60 Hz, AC only electrical supply is required on a separate, 40 A or 50 A circuit, fused on both sides of the line. The model/serial number rating plate is located on the metal cabinet underneath the cooktop. See the following illustration.



A. Model/serial number plate

 The cooktop is rated for 120/208 V or 120/240 V. Some models have a neutral (white) wire.

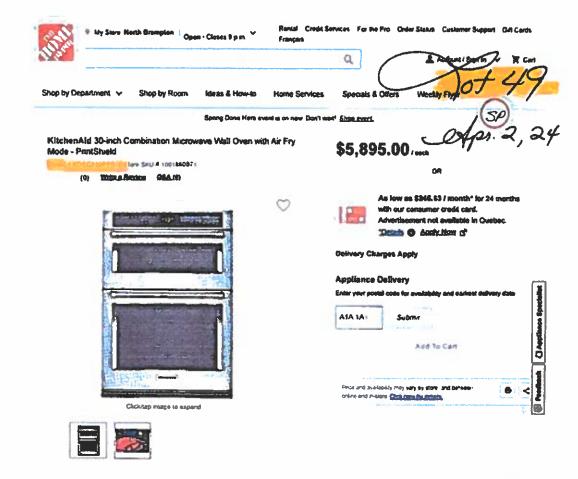
For power requirements, refer to the following table:

Family Model Number	Electrical Ratings at 60 Hz	
	208 V~	240 V~
VCE55US0H	5.0 kW	6.7 kW
VCE55US4H	5.0 kW	6.7 kW
VCE55US6H	6.0 kW	8.0 kW
/CE77US0H	6.4 kW	8.5 kW
VCE77US6H	6.4 kW	8.5 kW
VCE97US0K	6.8 kW	9.1 kW
VCE97US6K	6.8 kW	9.1 kW
EC8830H	6.5 kW	8.6 kW
MEC8836H	7.4 kW	9.9 kW
CES550H	7.9 kW	10.5 kW
CES556H	7.9 kW	10.5 kW
CES950K	7.2 kW	9.6 kW
CES956K	7.2 kW	9.6 kW
EC3430H	6.4 kW	8.5 kW
EC3536H	7.9 kW	10.5 kW
EC4424K	5.5 kW	7.3 kW
EC4430K	7.2 kW	9.6 kW
EC4536K	7.2 kW	9.6 kW

- The cooktop should be connected directly to the junction box through flexible, armored or nonmetallic sheathed, copper cable. The flexible, armored cable extending from the fuse box or circuit breaker box should be connected directly to the junction box.
- Locate the junction box to allow as much stack as possible between the junction box and the cooktop so that the cooktop can be moved if servicing becomes necessary in the future.
- Do not cut the conduit. Use the length of conduit provided. A UL listed or CSA approved conduit connector must be provided at each end of the power supply cable (at the cooktop and at the junction box). A listed conduit connector is already provided at the cooktop.
- If the house has aluminum wiring follow the procedure below:

Connect the aluminum wiring using special connectors and/or tools designed and UL listed for joining copper to aluminum.

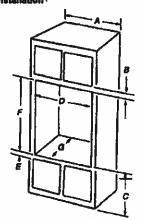
Follow the electrical connector manufacturer's recommended procedure. Aluminum/copper connection must conform with local codes and industry accepted wiring practices.



Customers Who Viewed this Item Bought



## Cabinet Dimensions -- Built-in Microwave/Oven Combination



- 27" (68.6 cm) models

  A. 27' (68.6 cm) minimum capinet
  A. 30" (76.2 cm) models

  A. 30" (76.2 cm)

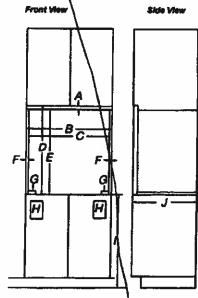
\*NOTE: The cutout height can be between 41% (104 S cm) and 41% (105.6 cm) for microwave/oven combination.

### Flush Instellation

A 25" (53.5 cm) mint m cutout depth to required.

These dimensibrs will result in a 114" (6 mm) reveal on the top, a 144" (6 mm) reveal on the sides, and a 176" (3 mm) reveal on the bottom of the wall over. Top and bottom gaps are not required for installation.

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



- 27° (68.6 cm) models
  A. 34° (1.9 cm) top close\*
  B. 27'\\^\* (89.2 cm) inhibitum width of thanh inset cutout
  C. 25'\\^\* (88.7 cm) minimum rights of opening
  A 3" (199.2 cm) minimum ha of thanh inset cutout
- ulphi D.

## 30° (76 2 cm) models

- 30" (78,2 cm) models
  A. 34"(19 cm) top cleat\*
  B. 3092 (78.8 cm) solicitum
  width of Rich issuit culout
  C. 20% (72.3 cm) minimum
  width of aponing
  O. 43" (109,2 cm) minimum i
  of Ruch inset culout
  E. 42%\* (107.3 cm)
  Februmanniad quiout heig
  E 1178\* (17 cm) width calcul

- of flush inset culout

  E. 42½\* (197.3 cm)
  recommended culout height

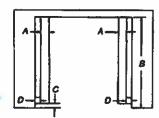
  P. 11/16\* (1.7 cm) ette cleet\*
  G. 1A\* (0.6 cm) recommended
  with boot. 15/16\* to 11½\*\*
  (2.3 cm to 3.5 cm) allowable
  with boot. 15/16\* to 1½\*\*
  (2.3 cm to 3.5 cm) allowable
  with boot. 15/16\* to 15/16\* to 15/16\* to 15/16\* to

  II. Recommended punction bos
  locabon

  I. 4½\*-19½\* (11.7-48.9 cm)
  bottom of culout to floor

  J. 25\* (63.5 cm) minimum depth
  of culout

\*Cleats and spacers must be recessed  $14_9^{\star}$  (3.5 cm) from the front of the cabinet.



Top View

- 27° (68.6 cm) models

  A. 2° (5.1 cm) appear the entire depth of the culcust\*

  B. 25° (63.5 cm) depth of culcust

  C. 1½° (3.5 cm) recess from front of ceibnet

  D. 11716" (1.7 cm) side clear\*

  30° (76.2 cm) models

  A. 2° (5.1 cm) appear the entire depth of the culcust\*

  B. 25° (63.5 cm) depth of culcust\*

  B. 26° (63.5 cm) depth of culcust\*

  C. 11/16° (3.7 cm) side clear\*

"Cleats and spacers must be recessed 1%" (3.5 cm) from the front of the cabinet.

## **Electrical Requirements**



Electrical Shock Hazard

Electrically ground appliance.

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

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

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

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

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

A copy of the above code standards can be obtained from.
National Pine Protection Association
1 Batterymerch Park
Quincy, MA 02169-7471

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

## **Electrical Connection**

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

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



rialitating olah

- A. Models rated from 7.3 to 9.6 kW at 240 V (6.3 to 6.3 kW at 208 V) require a seperate 40 A circuit. Models rated from 4.9 to 7.2 kW at 240 V (4.3 to 6.2 kW at 208 V) require a seperate 30 A circuit. Models rated at 4.8 kW and below at 240 V (4.2 kW and below at 240 V (4.2 kW and below at 208 V) require a separate 20 A circuit.
- A circuit breaker is recommended.
- A circuit breaker is recommended.

  Connect directly to the fused disconnect (or circuit breaker box) through flexible, armored or nonmetallic sheathed, copper cable (with grounding wire). See the "Make Electrical Connection" section.

  Flexible conduit from the oven should be connected directly to the junction box.
- Do not cut the conduit. The length of conduit provided is for serviceability of the oven.
- A UL listed or CSA approved conduit connector must be provided.
   If the house has aluminum wiring, follow the procedure below: Connect the aluminum wiring using special connectors and/or tools designed and UL fisted for joining copper to aluminum.

Follow the electrical connector manufactures's recommended procedure. Aluminum/copper connection must conform with local codes and industry accepted wiring practices.

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Be sure that the electrical connection and wire also are adequate and in conformance with the National Electrical Code, ANSI/NFPA 70-latest edition or CSA Standards C22.1-94. Cenadian Electrical Code, Part 1 and C22.2 No. O-M91-latest edition, and all local codes and ordinances. A copy of the above code standards can be obtained from: National Fire Protection Association 1

Betterymarch Park Cusincy, MA 02169-7471 CSA International 8501 East Pleasant Valley Road Cleveland, OH 44131-5575.