## 27" (68.6 CM) AND 30" (76.2 CM) ELECTRIC SINGLE AND DOUBLE BUILT-IN OVEN

## PRODUCT MODEL NUMBERS

| KODE300E | KODT100E | KOST100E |
| :--- | :--- | :--- |
| KODE307E | KODT107E | KOST107E |
| KODE500E | KOSE500E | KEBS109E |
| KODE507E | KOSE507E | KEBS209E |
|  |  | KEBS207E |

Electrical: 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.

- Oven must be connected to the proper electrical voltage and frequency as speci ed on the model/serial number rating plate. The model/serial number rating plate is located under the control panel on single ovens and under the control panel on the upper oven cavity on double ovens. See the following illustrations.


Single Oven
A. Model/serial number plate


Double Oven
A. Model/serial number plate

- Models rated from 7.3 to 9.6 kW at 240 volts ( 5.4 to 7.4 kW at 208 volts) require a separate $40-\mathrm{amp}$ circuit. Models rated at 4.8 kW and below at 240 volts ( 3.6 kW and below at 208 volts) require a separate $20-\mathrm{amp}$ circuit.
- A circuit breaker is recommended.
- Connect directly to the circuit breaker box (or fused disconnect) through exible, armored or nonmetallic sheathed, copper cable (with grounding wire). See "Make Electrical Connection" section.
- Flexible conduit from the oven should be connected directly to the junction box.
- Fuse both sides of the line.
- 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:

1. Connect a section of solid copper wire to the ends of the exible conduit leads.
2. Connect the aluminum wiring to the added section of copper wire 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.
For power requirements for models KOST107E, KOST100E, KOSE507E, KOSE500E, KODE307E, KODE300E, KODE507E, KODE500E, KODT100E and KODT107E, refer to the following table.

| Voltage | Single <br> Thermal | Single <br> Convect | Double <br> Thermal | Double <br> Convect | Double <br> Convect/ <br> Thermal |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 240 VAC | 4100 W | 4100 W | 8163 W | 8300 W | 8300 W |
| 208 VAC | 3100 W | 3100 W | 6300 W | 6300 W | 6300 W |
| 240 VAC | 17.2 A | 17.2 A | 34.2 A | 34.2 A | 34.2 A |
| 208 VAC | 15.0 A | 15.0 A | 29.9 A | 29.9 A | 29.9 A |

## PRODUCT DIMENSIONS



## 27" ( 68.6 cm ) models

A. $2833^{\prime \prime}(72.8 \mathrm{~cm})$ max. overall height
B. $25716^{\prime \prime}$ ( 64.6 cm ) max. recessed width
C. $26^{3} / 4^{\prime \prime}(67.9 \mathrm{~cm})$ recessed height
D. $2314^{4 \prime}(59.1 \mathrm{~cm}$ ) max. recessed depth
E. $27^{\prime \prime}(68.6 \mathrm{~cm})$ overall width
F. 12 " $(30.5 \mathrm{~cm})$ from back of control panel to start of strain relief
G. $48^{\prime \prime}(121.9 \mathrm{~cm})$ exible conduit length

$30 "(76.2 \mathrm{~cm})$ models
A. $513 / 16^{\prime \prime}(130.0 \mathrm{~cm})$ max. overall height
B. $281 / 2^{\prime \prime}(72.4 \mathrm{~cm})$ max. recessed width
C. $48^{13} / 46^{\prime \prime}(124.0 \mathrm{~cm})$ recessed height
D. $23^{1 / 4 " ~}(59.1 \mathrm{~cm})$ max. recessed depth
E. $30^{\prime \prime}(76.2 \mathrm{~cm})$ overall width
F. $12^{\prime \prime}(30.5 \mathrm{~cm})$ from back of control panel to start of strain relief
G. $66^{\prime \prime}(167.6 \mathrm{~cm})$ exible conduit length

## Single Oven Undercounter (without cooktop installed above)



27" ( 68.6 cm ) models
A. $27^{\prime \prime}(68.6 \mathrm{~cm})$ min. cabinet width
B. $1^{1 / 2 " ~}(3.8 \mathrm{~cm})$ min. top of cutout to underside of countertop
C. $5^{1 / 4 " ~}(13.3 \mathrm{~cm})$ bottom of cutout to oor
D. $25^{1} / 2^{\prime \prime}(64.8 \mathrm{~cm})$ cutout width
E. $28^{\prime \prime}(71.2 \mathrm{~cm}) \mathrm{min}$. cutout height

30 " ( 76.2 cm ) models
A. 30 " $(76.2 \mathrm{~cm}$ ) min. cabinet width B. $1^{112 "}(3.8 \mathrm{~cm})$ min. top of cutout to underside of countertop
C. $5^{1 / 4 " ~}(13.3 \mathrm{~cm})$ bottom of cutout to oor
D. $281 / 2$ " $(72.4 \mathrm{~cm})$ cutout width
E. $28^{\prime \prime}(71.2 \mathrm{~cm}) \mathrm{min}$. cutout height

## Single Ovens Installed in Cabinet



27" ( 68.6 cm ) models
A. 27 " $(68.6 \mathrm{~cm}) \mathrm{min}$. cabinet width
B. $1^{\prime \prime}(2.5 \mathrm{~cm})$ top of cutout to bottom of upper cabinet door
C. 32 " $(81.3 \mathrm{~cm})$ bottom of cutout to oor
D. $25^{1} 2^{\prime \prime}(64.8 \mathrm{~cm})$ cutout width
E. $1^{11 / 2 "}(3.8 \mathrm{~cm}) \mathrm{min}$. bottom of cutout to top of cabinet door
F. $28^{\prime \prime}(71.2 \mathrm{~cm})^{*}$ recommended cutout height
G. $24^{\prime \prime}(60.7 \mathrm{~cm})$ cutout depth

30" (76.2 cm) models
A. 30 " $(76.2 \mathrm{~cm}) \mathrm{min}$. cabinet width
B. $1^{\prime \prime}(2.5 \mathrm{~cm})$ top of cutout to bottom of upper cabinet door C. 32" (81.3 cm) bottom of cutout to oor
D. 2812" (72.4 cm) cutout width E. $1^{11 / 2 "}(3.8 \mathrm{~cm})$ min. bottom of cutout to top of cabinet door F. 28" (71.2 cm)* recommended cutout height
G. $24^{\prime \prime}(60.7 \mathrm{~cm})$ cutout depth
*NOTE: The cutout height can be between 2615/16" ( 68.4 cm ) and 297/16" $(74.8 \mathrm{~cm})$ for single ovens.

## CABINET DIMENSIONS - SINGLE OVENS

## Double Ovens Installed in Cabinet



27" ( 68.6 cm ) models
A. 27 " $(68.6 \mathrm{~cm})$ min. cabinet width
B. 1" $(2.5 \mathrm{~cm})$ top of cutout to bottom of upper cabinet door
C. $143 / 4^{\prime \prime}(37.5 \mathrm{~cm})$ bottom of cutout to oor is recommended. 4"-143/4" (10.2-37.5 cm) bottom of cutout to oor is acceptable.
D. $25^{1} / 2^{\prime \prime}(64.8 \mathrm{~cm})$ cutout width
E. $11 / 2 "(3.8 \mathrm{~cm}) \mathrm{min}$. bottom of cutout to top of cabinet door
F. 501/4" (127.6 cm)* recommended cutout height
G. 24 " $(60.7 \mathrm{~cm})$ cutout depth

30" (76.2 cm ) models
A. 30 " $(76.2 \mathrm{~cm}$ ) min. cabinet width B. $1^{\prime \prime}(2.5 \mathrm{~cm})$ top of cutout to bottom of upper cabinet door C. $143 / 4$ " $(37.5 \mathrm{~cm})$ bottom of cutout to oor is recommended. 4"-143/4" (10.2-37.5 cm) bottom of cutout to oor is acceptable. D. $281^{1} 2^{\prime \prime}(72.4 \mathrm{~cm})$ cutout width E. $11 / 2 "(3.8 \mathrm{~cm}) \mathrm{min}$. bottom of cutout to top of cabinet door F. 501/4" (127.6 cm)* recommended cutout height G. 24 " $(60.7 \mathrm{~cm})$ cutout depth
*NOTE: The cutout height can be between 4878" ( 124.1 cm ) and $52^{3} / 16^{\prime \prime}(132.6 \mathrm{~cm})$ for double ovens.

