

Queensbury
Lot 4

Electrical Installation - GROUNDING INSTRUCTIONS

The models stated on the front cover are either dual-rated, designed to be connected to either 208/240V AC, 60 Hz, 4-wire, single-phase power supply, or rated at 120V AC, 60 Hz and use a NEMA 5-20 plug to connect to a dedicated 120 V microwave circuit.

208/240 V models may also be combined with some Bosch Built-in Oven[®] and can be connected directly to the combo appliance. To do this, please refer to detailed instructions with the Bosch Combination Kit.

⚠ WARNING

When connected to a 4 or 5-wire, 120/208-Volt 3-phase power supply, the phase C conductor is not required for the operation of the appliance.

| Model | Connection | Circuit Requirements |
|--------------------------|----------------------|--|
| HMCPO252UC | 4 wire conduit cable | 208 V, 60 Hz, 20 Amps 240 V, 60 Hz, 20 Amps |
| HMC80252UC HMC80242UC | 4 wire conduit cable | 208 V, 60 Hz, 20 Amps 240 V, 60 Hz, 20 Amps |
| HMC80152UC | NEMA 5-20 | 120 V, 60 Hz, 20 Amps |
| HMC87152UC | NEMA 5-20 | 120 V, 60 Hz, 20 Amps |

Electrical Connection with Plug

HMC80152UC

HMC87152UC

Electrical Requirements:

- a three prong grounded outlet
- 120 V, 60 Hz, AC only
- 20 Amp electrical supply with a fuse or a circuit breaker

This product must be connected to a supply circuit of the proper voltage and frequency. Wire size must conform to the requirements of the National Electric Code or the prevailing local code for this rating. The power supply cord and plug should be brought to a separate 20-amp branch circuit single grounded outlet. The outlet box should be located in the area behind the appliance (see section *Cabinet Dimensions*). The outlet box and supply circuit should be installed by a qualified electrician and conform to the National Electrical Code or the prevailing local code.

The voltage used must be the same as specified on this microwave oven. Using a higher voltage is dangerous and may result in a fire or oven damage. Using a lower

Electrical Connection with Wire Conduit

HMC80252UC

HMC80242UC

HMCPO252UC

The electrical supply should be a 4-wire single-phase AC. Install a suitable conduit box (not furnished). An appropriately-sized, UL-listed conduit connector must be used to correctly attach the conduit to the junction box.

⚠ WARNING

Local codes may vary; installation, electrical connections and grounding must comply with all applicable local codes.

If local codes permit grounding through the electrical supply neutral, connect both the white neutral wire and the bare ground wire from the oven to the white neutral electrical supply wire.

Electrical Connection

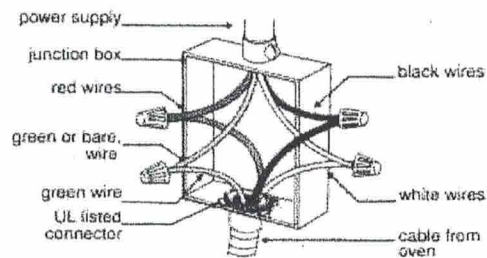
The four-wire connection is preferred, but where local codes permit, the three wire connection is also acceptable.

⚠ WARNING

When connected to a 4 or 5-wire, 120/208-Volt 3-phase power supply, the phase C conductor is not required for the operation of the appliance.

Four-wire Connection

Ungrounded Neutral

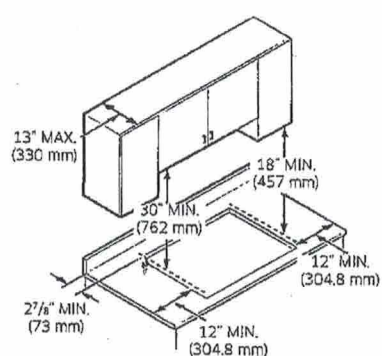


- Connect the red oven wire to the red electrical supply wire (hot wire).
- Connect the black oven wire to the black electrical supply wire (hot wire).
- Connect the white neutral oven wire to the white neutral (not bare or green ground) electrical supply wire.
- Connect the green or bare oven wire to the bare or green ground wire.

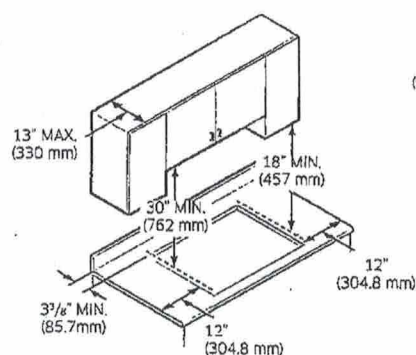
Queensbury
Lot 4

Location requirements and electrical requirements

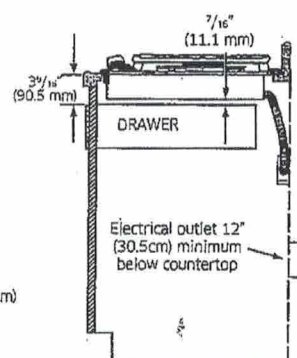
- To ensure cooktop base clearance, cabinet side walls need to be wider than cutout.
- If cabinet has a drawer, allow $3\frac{9}{16}$ " minimum clearance between countertop and top of drawer.
- A 120-Volt, 60-Hz, AC, approved electrical service with 20-amp circuit breaker or time-delay fuse is required.



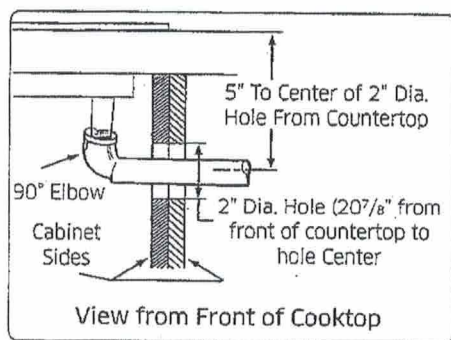
30" - NA30N9755T*



36" - NA36N9755T*

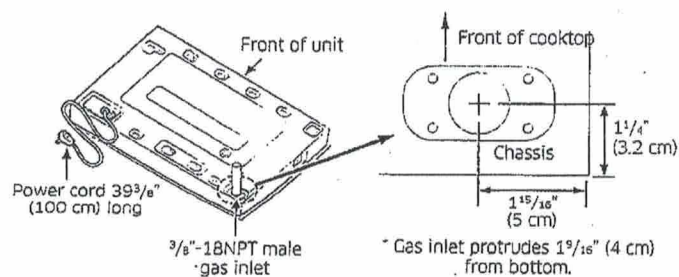


Installation over built-in oven



See built-in oven installation for complete installation instructions.

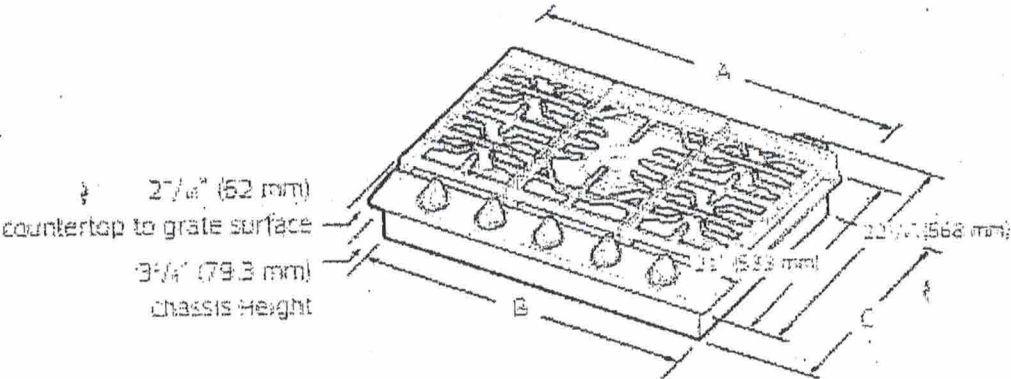
Utility locations and dimensions



OCT 28 2020

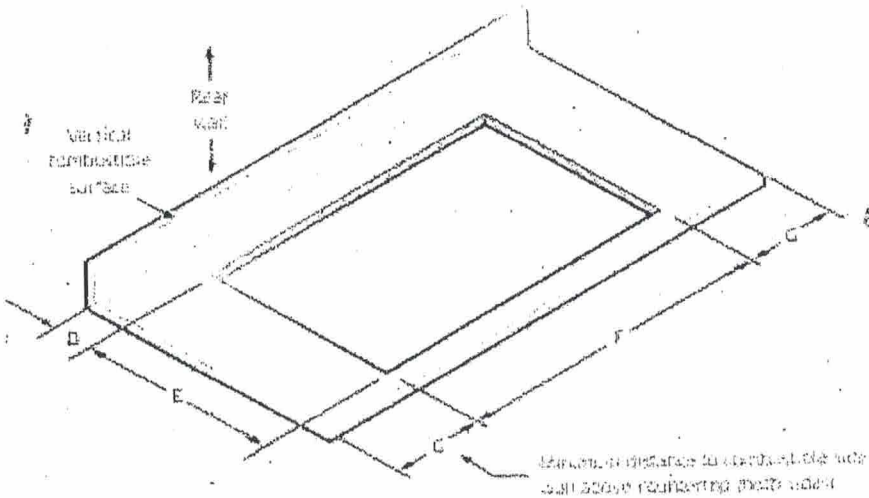
Queensbury
Lot 4

Overall cooktop dimensions



| Model | A | B | C |
|-------------|-------------------|---------------------|-----------------------|
| NA30N9755T* | 30" (762 mm) | 28 1/8" (715 mm) | 19 1/2" (492.1 mm) |
| NA36N9755T* | 36" (914.4 mm) | 33 1/8" (855 mm) | 18 7/8" (479 mm) |

Cutout dimensions of countertop

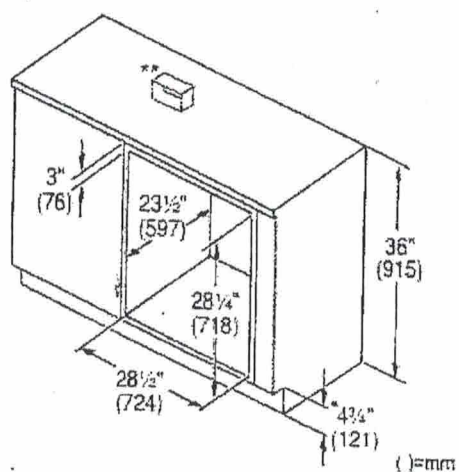


| Model | (D) Min. | (E) Min. | (F) Min. | (G) Min. |
|-------------|---------------------|-----------------------|-----------------------|-------------------|
| NA30N9755T* | 2 1/8" (73 mm) | 19 3/4" (498.5 mm) | 28 1/2" (723.9 mm) | 12" (304.8 mm) |
| NA36N9755T* | 3 3/4" (85.7 mm) | 19 3/4" (498.5 mm) | 33 1/2" (860.4 mm) | 12" (304.8 mm) |

OCT 28 2020

Queensbury
Lot 4

Under-Counter Installation



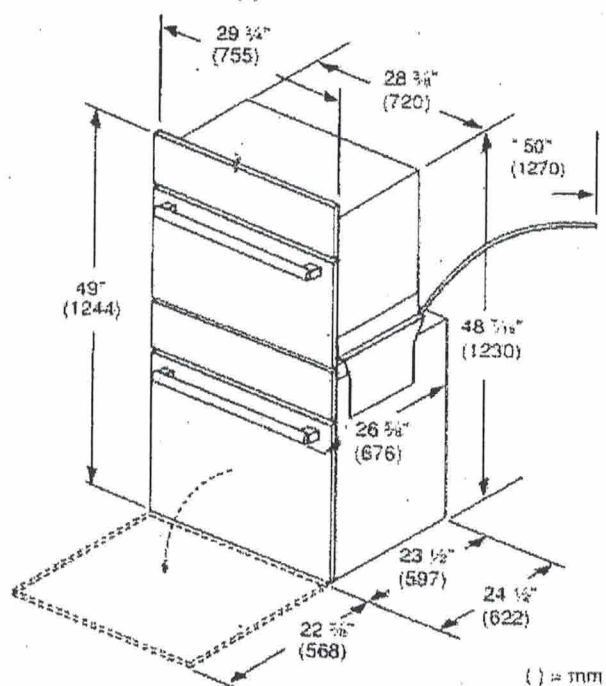
* Includes 3/4" (19 mm) base plate.

**For single ovens installed under a cabinet, the junction box should be located to the right or left of the unit within range of the power cord.

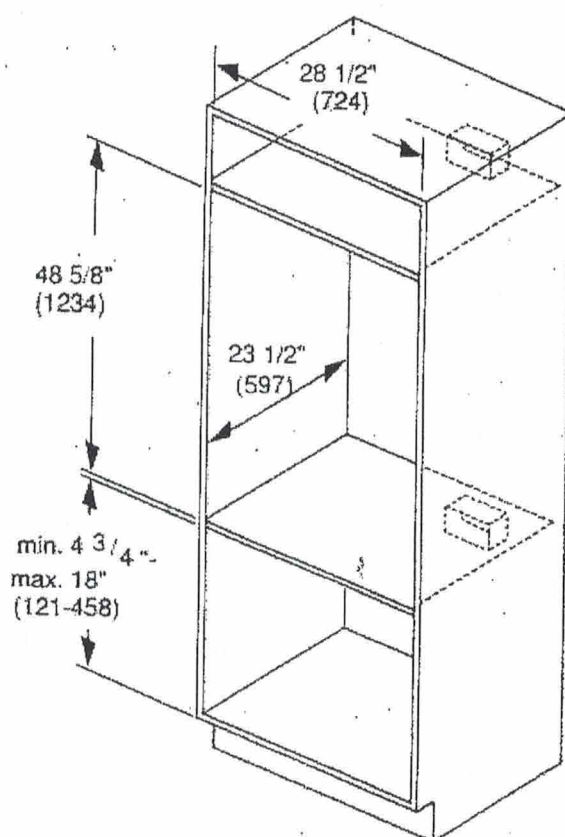
Dimensions for Combination Oven Units

The cabinet base must be flat and capable of supporting the weight of the combination oven up to 429 lbs (195 kg).

Combination Oven Appliance Dimensions



Combination Oven Traditional Installation



Note: Junction box may be installed above, below, to the left or to the right of the unit within reach of the power cord.

OCT 28 2020

Queensbury
Lot 4

Electrical Installation - Grounding Instructions

The assembled combination oven should be moved in front of the cabinet opening and the power cable from the lower oven should be connected to the cabinet junction box.

All model ovens on the front cover of this installation instruction manual are dual rated, designed to be connected to either 208 or 240V AC, 60 Hz, 4 wire, single-phase power supply.

| Model | Circuit Required |
|--------------------------------------|------------------------------------|
| HBL8463UC HBL8443UC HBL8453UC | 208V, 60 Hz/ 240V, 60 Hz 30 AMP |
| HBL8743UC HBL8753UC HBL87M53UC | 208V, 60 Hz/ 240V, 60 Hz 40 AMP |

The electrical supply should be a 4-wire single phase AC. Install a suitable conduit box (not furnished). An appropriately-sized, UL-listed conduit connector must be used to correctly attach the conduit to the junction box.

Note: Local codes may vary. Installation, electrical connections and grounding must comply with all applicable local codes.

If local codes permit grounding through the electrical supply neutral, connect both the white neutral wire and the green ground wire from the oven to the white neutral electrical supply wire.

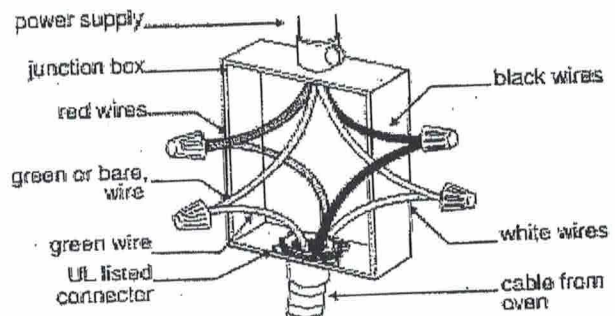
Electrical Connection

The four-wire connection is preferred, but where local codes permit, the three wire connection is also acceptable.

⚠ WARNING

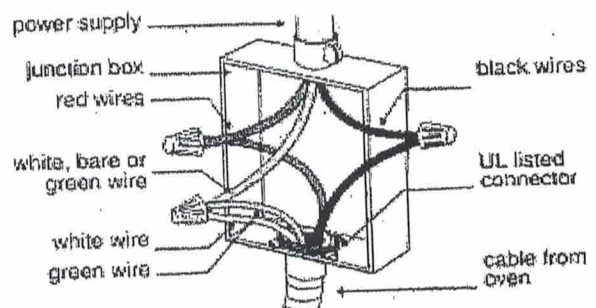
When connected to a 4 or 5-wire, 120/208-volt 3-phase power supply, the phase C conductor is not required for the operation of the appliance.

Four-wire Connection Ungrounded Neutral



- Connect the red oven wire to the red electrical supply wire (hot wire).
- Connect the black oven wire to the black electrical supply wire (hot wire).
- Connect the white neutral oven wire to the white neutral (not bare or green ground) electrical supply wire.
- Connect the green ground oven wire to the bare or green ground electrical supply wire.

Three-wire Connection Grounded Neutral



- Connect red wire from oven to red wire in junction box.
- Connect black wire from oven to black wire in junction box.
- Connect both green ground wire and white wire from oven to white, green or bare neutral wire in junction box.

The conduit cable, where connected at the oven, swivels. Rotate conduit cable upward (or downward) and direct through hole prepared in cabinet to attach to junction box.

To maintain serviceability, the flex conduit must not be shortened and should be routed to permit temporary removal of the oven.

OCT 28 2020

Queensbury
Lot 4