



# Master Electric Convection Oven 450 Solid State Digital Control

Project \_\_\_\_\_  
 Item \_\_\_\_\_  
 Quantity \_\_\_\_\_  
 CSI Section 11400  
 Approved \_\_\_\_\_  
 Date \_\_\_\_\_

## Models

- MCO-ES-10
- MCO-ED-10
- MCO-ES-20
- MCO-ED-20



Model MCO-ES-10  
Shown with optional casters

## Standard Features

- Master 450 Solid State Digital control with 150°F (66°C) to 500° (260°C) temperature range and digital timer
- Cook'n'Hold
- Electric spark ignition, including automatic pilot system with 100% safety shut off
- 2-speed fan control (high & low) with .6 HP fan motor
- Total of 10.4 kW loading per oven cavity
- Stainless steel front, sides, top, and legs
- 60/40 dependent door design with double pane thermal window in both doors and interior lighting
- Full Length, stainless steel positive door closure
- Patented "Safety Door System"
- Porcelain enameled oven interior with coved corners
- 24" cooking cavity height w/6 chrome plated oven racks on 13-position rack guides
- Double deck models available, suffix -20
- Deep depth models available, prefix MCO-ED

## Warranty

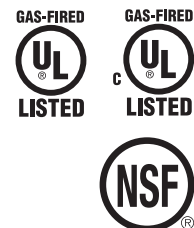
- 2 year limited part & 1 year labor warranty (USA & Canada only)
- 2 year limited part & labor warranty (USA Kindergarten to grade 12 schools only)
- 5 year limited door warranty, excluding window (USA & Canada only)

## Options & Accessories

- Window in left hand door or Stainless steel solid door (specify) - No Charge
- Removable stainless steel drip pan
- Deck Fasteners
- Extra oven racks
- Swivel casters, (4) w/front brakes
- 4 Low profile casters, w/front brakes (double ovens only)
- Stainless steel open base with rack guides and shelf
- Direct connect vent
- Back enclosure (stainless steel)
- 460 volt, 3 phase (please specify)
- 50 cycle components
- Maximum security package available contact factory for details

## Specifications

- Garland Master Full-Size Standard Depth, prefix MCO-ES or Deep Depth, prefix MCO-ED, electric convection oven.
- 10.4 kW/cavity, 0.6 HP fan motor with two speed fan control.
- Master 450 solid state digital control with 100 hour timer
- Porcelain enameled oven interior with coved corners, Six (6) oven racks and 13-position rack guides.
- Interior measures 29"(736mm) W x 24" (610mm) H x 24" (610mm) for standard depth and 29" (736mm) W x 24" (610mm) H x 28" (610mm) for deep depth.
- Stainless steel front, sides, top and legs. 60/40 dependent door design with double pane thermal window in both doors and interior lighting.
- Models with suffix 20M are double decked. Specify voltage and phase.
- UL, CUL and NSF Listed.



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General Inquires 1-905-624-0260  
USA Sales, Parts and Service 1-800-424-2411  
Canadian Sales 1-888-442-7526  
Canada or USA Parts/Service 1-800-427-6668

[www.garland-group.com](http://www.garland-group.com)  
7829  
11/20



**TOP VIEW**

**DOUBLE DECK FRONT VIEW**

**SINGLE DECK FRONT VIEW**

**Installation Notes:**

Non-Combustible and Combustible Wall Clearances			
Sides	1" (25mm)	Back	6" (152mm)
Entry Clearance			
Crated		Uncrated	
44-1/2" (1130mm)		32-1/2" (862mm)	

Electrical specifications include motor requirements. 0.6 HP, 2 speed motor: 1670/1430 rpm, (60Hz); or 1120/930 rpm (50Hz). Please specify electrical characteristics when ordering

SINGLE-DECK MODELS	Interior Dimension (per oven)			Exterior Dimension			Ship Wt./Size	
	W:In(mm)	H:In(mm)	D:In(mm)	W:In(mm)	H:In(mm) *	D:In(mm)	Lbs./Kg	Cu Ft
Standard Depth	29(436)	24(610)	24(610)	38(965)	57-1/2(1416)	41-1/4(1048)	460/210	58.5
Deep Depth	29(436)	24(610)	28(711)	38(965)	57-1/2(1416)	44-1/2(1130)	530/240	58.5

DOUBLE-DECK MODELS	Interior Dimension (per oven)			Exterior Dimension			Ship Wt./Size	
	W:In(mm)	H:In(mm)	D:In(mm)	W:In(mm)	H:In(mm) *	D:In(mm)	Lbs./Kg	Cu Ft
Standard Depth	29(436)	24(610)	24(610)	38(965)	70-1/2(1791)	41-1/4(1048)	920/415	117
Deep Depth	29(436)	24(610)	28(711)	38(965)	70-1/2(1791)	44-1/2(1130)	1060/480	117

\* Height with or without standard casters. Height with low profile casters (double deck) is 68-1/2" (1740mm).

MODELS**	Total kW	Nominal Amperes Per Line (includes 3/4 HP fan motor)													
		208v/1Ph		240V/1Ph			208V/3Ph			240V/3Ph			460V/3Ph		
		X	Y	X	Y	Z	X	Y	Z	X	Y	Z			
Standard Depth	10.4	50	43	30	30	28	26	26	24	14	14	13			
Deep Depth	10.4	50	43	30	30	28	26	26	24	14	14	13			

\*\*NOTE: Double deck models with suffix - "20M" are provided with individual power supply connections

Welbilt reserves the right to make changes to the design or specifications without prior notice.