



# Moisture + Standard Electric Oven

Item: \_\_\_\_\_

Quantity: \_\_\_\_\_

Project: \_\_\_\_\_

Approval: \_\_\_\_\_

Date: \_\_\_\_\_

Moisture + Standard Electric Oven

## Models:

MP-ES-10-S

MP-ES-20-S

MP-ED-10-S

MP-ED-20-S

### moisture+



Model MP-ES-10-S

## Standard Features:

- Solid state control, (temperature range; 150°F/66°C - 500°F/260°C), 1-hour, electro-mechanical timer, and automatic moisture injection
- Two-speed fan with 3/4 HP motor
- All stainless construction
- Stainless steel oven interior with coved corners
- Shower stall style cavity base with drain
- Single door with "Split" window for easy cleaning
- Quartz illumination
- 24" cooking cavity height
- Six oven racks with 13 position rack guides
- Service accessibility from front (all but water system)
- "Pull-Out" control section for easy maintenance & service
- Double stack model available, suffix -20-S
- Deep-Depth model available, prefix MP-ED
- One year limited parts and labor warranty

## Optional Features:

- Deluxe microprocessor control, (temperature range; 150°F/66°C - 500°F/260°C), with 9 programmable recipe keys, Cook & Hold, 100-hour timer, and programmable moisture injection. Also includes external temperature core probe for roasting applications (available only for Deluxe feature control packaged models).
- Wet-clean, on-board spray hose system
- Extra oven racks
- Stainless steel back enclosure
- Stainless steel open base with rack guides and shelf
- Deck fasteners
- Swivel casters with front brakes
- Lo-profile casters with front brakes (double ovens only)

## Specifications:

Moisture+ Oven, Standard, is a full-size, multifunction gas oven with a solid state control, (temperature range; 150°F/66°C - 500°F/260°C), 1-hour, electro-mechanical timer, and automatic moisture injection. Oven interior is stainless steel with 6 oven racks and 13-position, removable rack guides. All model interiors measure 29"(736mm)W x 24"(610mm)H, interior depth for Standard-depth, prefix MP-ES, is 24"(610mm), and for Deep-depth, prefix MP-ED, 28"(711mm), Exterior is stainless steel.

Moisture+ features innovative, automatic introduction of moisture into the baking/roasting process, producing higher yields and improved taste, texture, and eye appeal.

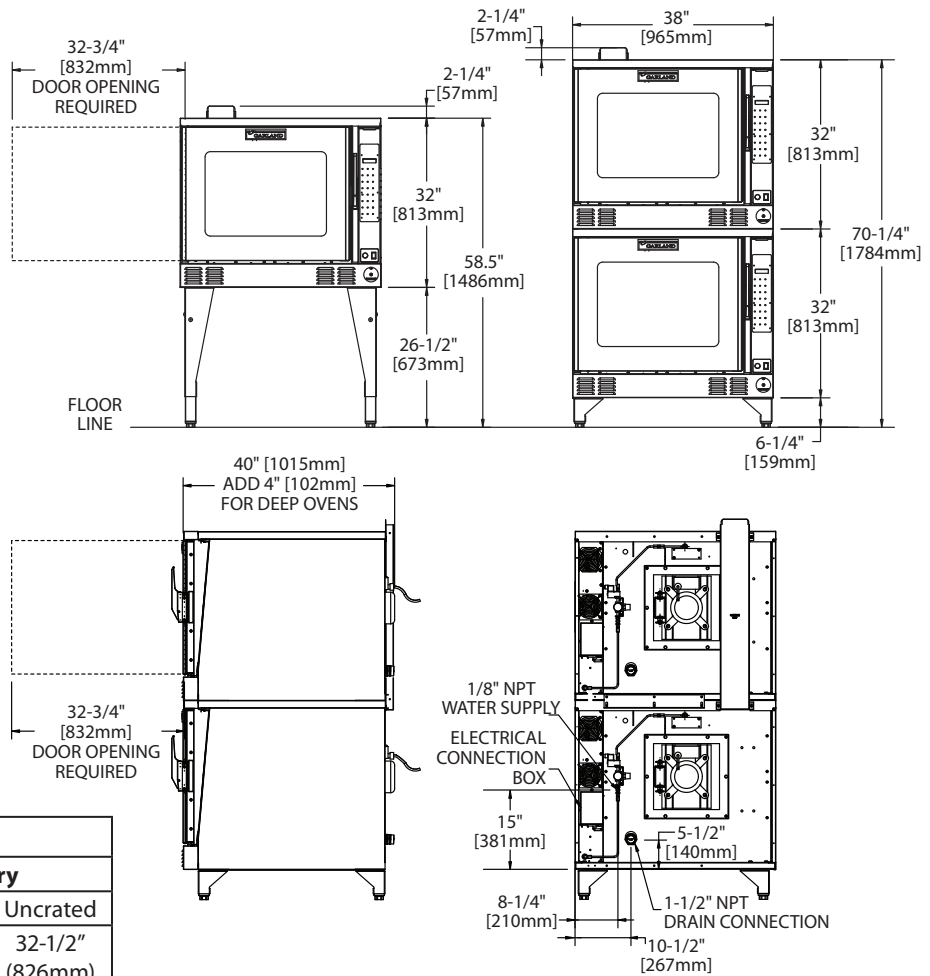


Note: Ovens supplied with casters must be installed with an approved restraining device.

**Installation Notes:**

- Motor: 3/4 HP, two speed, 1140/1725 rpm
- Each oven deck requires a separate electrical connection
- Customer must provide a 1/8" NPT water connection capable of 20 PSI\*
- Garland recommends the minimum water quality standards, whether treated or pre-treated and based on 10 hours of use per day, and daily cleaning/descaling, to be: total dissolved solids <60 ppm, total alkalinity <20 ppm, silica <13 ppm, chlorine <30 ppm, and a pH factor greater than 7.5\*
- Customer must provide a floor drain or similar device\*

This oven must be installed to comply with the applicable federal, state, or local plumbing codes.



Clearances			
Installation		Entry	
Sides	Rear	Crated	Uncrated
1" (25mm)	3" (76mm)	44-1/2" (1130mm)	32-1/2" (826mm)

Model	Oven Interior: In. (mm)			Exterior: In. (mm)			Ship Wt. lbs/kgs	Ship Size Cu Ft
	Width	Height	Depth	Width	Height**	Depth		
MP-ES-10-S	29 (736)	24 (610)	24 (610)	38 (965)	60-3/4 (1543)	40 (1016)	510/232	42
MP-ES-20-S			72-1/2 (1842)		1024/464		84	
MP-ED-10-S			28 (711)		60-3/4 (1543)	44 (1118)	510/232	42
MP-ED-20-S					72-1/2 (1842)		1024/464	84

\*\* Height with or without standard casters. Height with lo-profile casters (double deck) is 70" (1778mm).

kW	Total kW/Line			Nominal Amperes Per Line						
	208/240/460			120V	208V	240V	460V	208V 3 Ph	240V 3 Ph	460V 3 Ph
	X-Y	Y-Z	X-Z	1 Ph	1Ph	1 ph	1 Ph	X/Y/Z	X/Y/Z	X/Y/Z
11	3.33	3.33	4.33	N/A	53	46	24	31.8/27.7/31.8	27.6/24.0/27.6	10.5/9.5/10.5

Electrical specifications are per-oven, and include motor requirements

\* Consult a local water treatment specialist for an on-site water analysis for recommendations concerning feed water treatment (if required), in order to remove or reduce harmful concentrations of minerals. The use of highly mineralized water will cause more frequent cleaning and reduce operating efficiency. The fact that a water supply is potable is not proof that it will be suitable for moisture mode operation. Component failure/service related to poor water quality will not be covered under warranty.

Form# MPE10S (07/02/13)