

## Master Series Heavy-Duty Even-Heat Hot Top Range

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

Master Series Heavy-Duty Even-Heat Hot Top Range

### Models

- MST46R-E
- MST46S-E
- MST46T-E



Model MST46R-E  
 Shown with Optional Backguard

### Standard Features

- Stainless steel front and sides.
- 6" (152mm) chromed steel adj. legs
- 7-1/2" (191mm) stainless steel front rail
- Two extra heavy even-heat cast-iron hot top sections with 3 "H" burners; 81,000 BTU (23.72 kW) total
- Heavy-gauge aluminized steel radiation baffle system
- Separate control valves for each burner
- Stainless steel burner box bottom
- Storage base interior of aluminized steel
- Piezo spark ignition for oven
- 40,000 BTU (11.72 kW) natural gas, 35,000 BTU (10.25kW) propane gas cast-iron oven burner
- Electric Spark ignition on all pilots
- Sentry total flame failure protection for all burners

### Options & Accessories

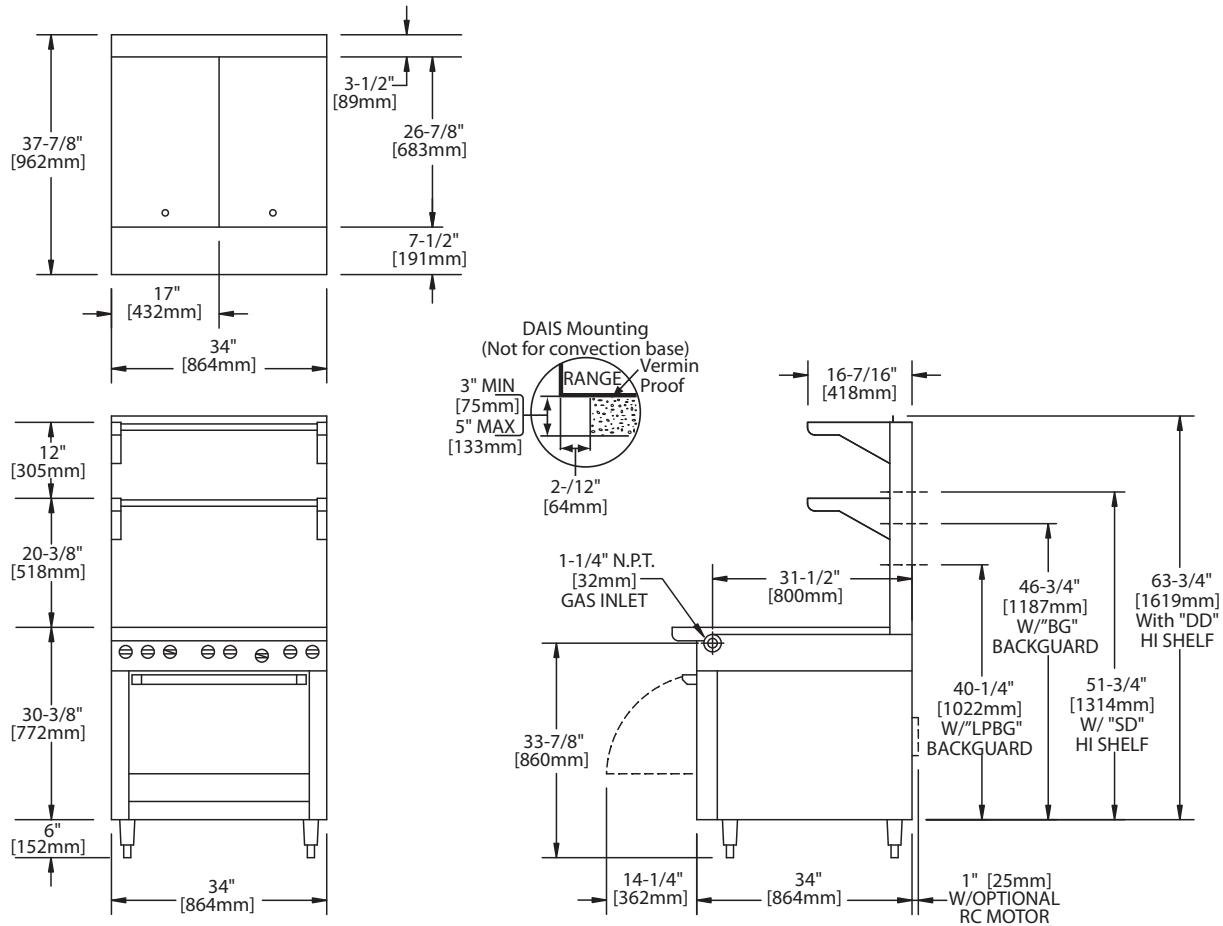
- Stainless steel main back
- Stainless steel common front rail up to 102" (2591mm) wide (2 or more units in a battery)
- Stainless steel oven interior
- Convection oven base, add C to Model No., e.g. MST46RC-E
- Additional oven rack
- Gas regulator 3/4" or 1-1/4"
- Rear gas connection, 3/4" or 1" NPT
- Gas shut off valve; 3/4", 1" or 1-1/4" NPT
- Gas flex hose & quick disconnect (3/4", 1" or 1-1/4" NPT x 5") w/ restraining device, please specify
- End caps and cover, (NC, specify)
- Polyurethane non-marking swivel casters (4) w/front brakes
- 6" (152mm) stainless steel adj. legs
- Dais base (not for use with "RC" oven)
- Storage base shelf of aluminized or stainless steel
- Stainless steel tubular high shelf, single or double-deck
- Stainless steel backguard: 10" (354mm), 17" (432mm) or 33" (838mm)
- 230 volt, 50 cycle components, RC motor and/or electric ignition (export)
- Celsius dial for oven thermostat (NC)

### Specifications

Heavy-duty gas range with oven, Model MST46R-E. Two (2) 17" (432mm) even-heat hot tops, rated a total 81,000 BTU (23.72 kW) total. Sentry total flame failure protection for all burners. 34" (864mm) wide x 38" (965mm) deep, including 7-1/2" (191mm) deep stainless steel front rail. Porcelain enamel oven interior with 40,000 BTU (11.72 kW) cast-iron oven burner. Stainless steel front and sides. 121,000 BTU (35.43 kW) total. Natural or propane gas available. Also available with storage base w/ doors, suffix S, and modular top, suffix T.

NOTE: Ranges supplied with casters must be installed with an approved restraining device.





Product	Width: In(mm)	Depth: In(mm)	Height: In(mm) (w/ NSF Legs)	Height: In(mm) (w/o NSF Legs)	Oven/Storage Base Interior: in(mm)		
					Width	Depth	Height
MST46R-E	34(864)	38(965)	36-3/8(924)	30-3/8(772)	26-1/4(667)	29(737)**	13-1/2(343)
MST46S-E	34(864)	38(965)	36-3/8(924)	36-3/8(924)	26(665)	30-1/2(773)	20-1/2(519)
MST46T-E	34(864)	38(965)	36-3/8(924) w/stand	9-1/2 (241) w/o stand*	N/A	N/A	N/A

\*Modular top has 1-1/2" seating flanges. \*\*RC oven is 25" (635mm) deep.

INPUT-BTU/hr (Natural Gas)	MST46R(C)-E	MST46S-E & MST46T-E	Gas input ratings shown here are for installations up to 2,000 ft. (610m) above sea level. Specify altitudes over 2,000 ft.
Top Section	81,000 (23.72kW)	81,000 (23.72kW)	
Oven***	40,000 (11.72kW)	N/A	
TOTAL	121,000(35.44kW)	90,000 (23.72kW)	

RC=Range w/Convection Oven R=Range w/Oven S=Range w/Storage Base T=Modular Top

\*\*\* Oven rated 35,000 BTU (10.25kW) for Propane Gas

Installation Notes			Shipping: Wt (Lb/Kg) – Cu Ft
Combustible Wall Clearances <sup>1</sup>	Entry Clearances	Operating Pressure	MST46R-E 450/205 – 50
Sides: 11" (279mm)	Crated: 39-1/4" (997mm)	Natural: 6" WC (15mbar)	MST46S-E 350/159 – 50
Back: 6" (152mm)	Uncrated: 34-1/4" (870mm)	Propane: 10" WC (25mbar)	MST46T-E 260/118 – 20

<sup>1</sup>NOTE: Installation clearance reductions are applicable only where local codes permit.

Electrical characteristics: **Each RC oven** – 1/3 HP motor, 120 VAC, single phase, 3.4 amps (c/w 6 ft. (1.8m) power cord with NEMA 5-15P plug). 230 VAC export is direct connect, single phase, 50 Hz. **Electrical Spark Ignition** – 0.1 amps for 115V 60Hz 1 Phase (c/w NEMA 5-15P cord & plug on models with out RC oven) and 0.05 amps for 240C 50Hz 1 phase.

Please specify gas type when ordering.

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

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