

## Master Series Heavy Duty Open Burner Top Range

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

### Models

- MST44R
- MST44T
- MST44S-E
- MST44S
- MST44R-E
- MST44T-E



Model MST44R  
 (valve control panel not as depicted)  
 Range with  
 Four Open Burners

### Standard Features

- Stainless steel front and sides
- 6" (152mm) chrome steel adj. legs
- 7-1/2" (191mm) stainless steel front rail
- Four two -piece Starfire burners with removable heads, rated 30,000 BTU (8.78 kW) CE approved or 35,000 BTU (10.25 Kw) CSA approved models (natural or propane gas)
- Removable ring grate bowl over each burner
- Cast iron top grates
- One-piece Stainless Steel drip tray
- Piezo spark ignition for oven
- Fully porcelainized oven interior
- 40,000 BTU, (11.72 kW) natural or 35,000 BTU (10.25 kW) propane gas, cast iron oven burner
- Storage base interior of aluminized steel
- Electric Spark ignition on all pilots Suffix -E models
- Sentry total flame failure protection for all burners

### Options & Accessories

- Stainless steel common front rail up to 102" (2591mm) wide (two or more units in a battery)
- Stainless steel main back
- Stainless steel oven interior
- Convection oven base, add C to Model No., e.g. MST44RC
- Additional oven rack
- Rear gas connection, 3/4", 1" or 1 1/4" NPT
- Gas regulator 3/4" or 1-1/4"
- 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
- 4 Polyurethane non-marking swivel casters 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)

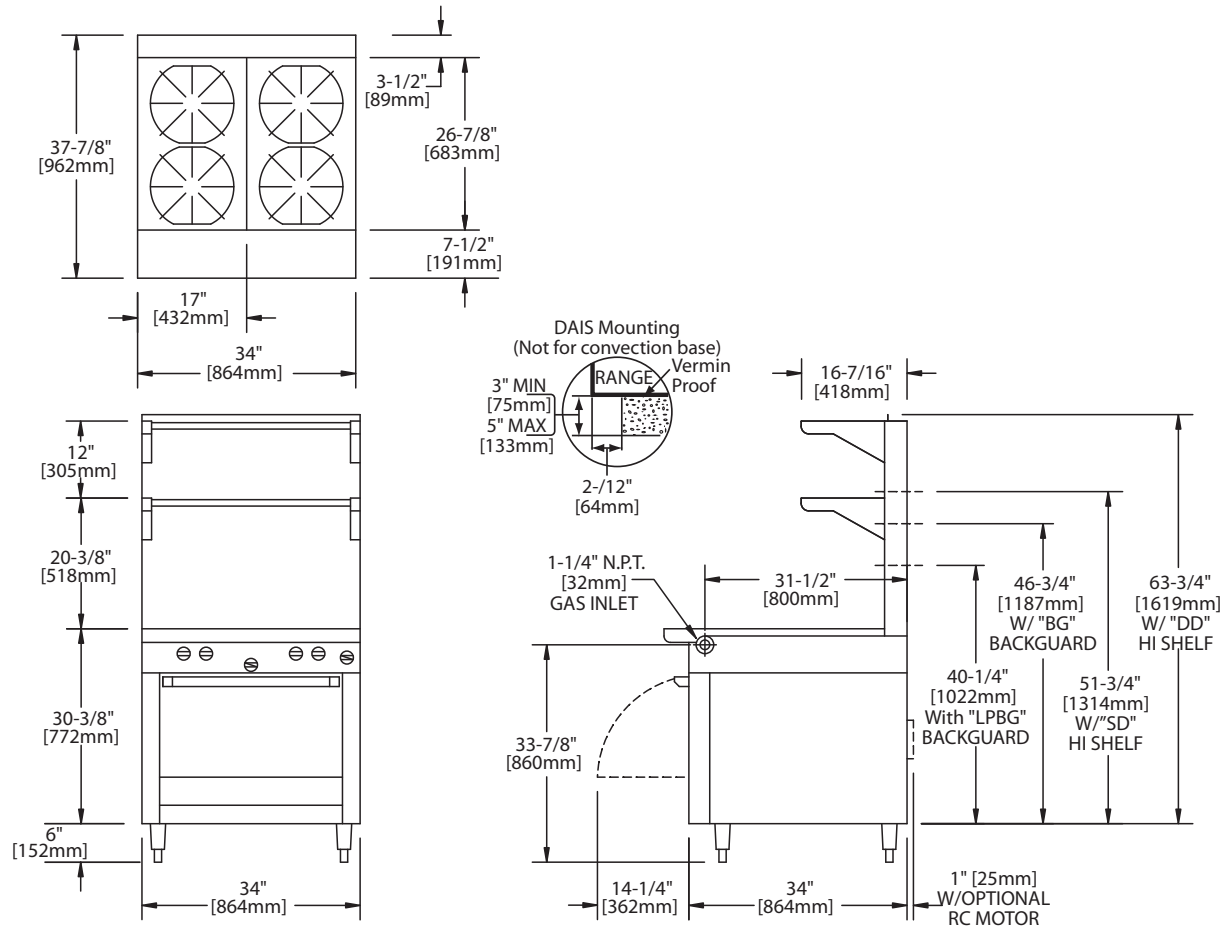
### Specifications

Heavy-duty gas range with oven, Model MST44R. Four 30,000 BTU, (8.78 Kw), two-piece Starfire burners. Sentry total flame failure protection for all burners. Heavy-duty cast iron top grates and ring grates. 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. 160,000 BTU total. (46.84 kW). 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.



Master Series Heavy Duty Open Burner Top Range



| Product | Width:  | Depth:  | Height: In(mm)      | Height: In(mm)         | Oven/Storage Base Interior: in(mm) |             |             |
|---------|---------|---------|---------------------|------------------------|------------------------------------|-------------|-------------|
|         | In(mm)  | In(mm)  | (w/ NSF Legs)       | (w/o NSF Legs)         | Width                              | Depth       | Height      |
| MST44R  | 34(864) | 38(965) | 36-3/8(924)         | 30-3/8(772)            | 26-1/4(667)                        | 29(737)**   | 13-1/2(343) |
| MST44S  | 34(864) | 38(965) | 36-3/8(924)         | 30-3/8(772)            | 26(665)                            | 30-1/2(773) | 20-1/2(519) |
| MST44T  | 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             | MST44R(C)          | MST44S & MST44T   | Gas input ratings shown here are for installations up to 2,000 ft. (610m) above sea level. Specify altitudes over 2,000 ft. |
|--------------------------|--------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------|
| CE Approved Top Section  | 120,000 (35.24 kW) | 120,000 (35.14W)  |                                                                                                                             |
| CSA Approved Top Section | 140,000 (41.02 kW) | 140,000 (41.02kW) |                                                                                                                             |
| Oven***                  | 40,000 (11.72kW)   | N/A               |                                                                                                                             |

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       | MST44R 440/200 - 50<br>MST44S 340/155 - 50<br>MST44T 250/114 - 20 |
| Sides: 14" (356mm)                       | Crated: 39-1/4" (997mm)   | Natural: 6" WC (15mbar)  |                                                                   |
| Back: 6" (152mm)                         | Uncrated: 34-1/4" (870mm) | Propane: 10" WC (25mbar) |                                                                   |

<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** (suffix "E") - 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.