

Master Series Heavy-Duty Combination Top Range

Project _____
 Item _____
 Quantity _____
 CSI Section 11400
 Approved _____
 Date _____

Models

- M48-23R
- M48-23S
- M48-23T



Model M48-23
Shown with Optional
Backguard

Standard Features

- Stainless steel front and side
- 6" (152mm) chromed steel adj. legs
- 7-1/2" (191mm) stainless steel front rail
- Thermostatically controlled griddle, (450° F max.) on left with embedded capillary line sensors
- 1" (25mm) thick steel griddle plate & two 33,000 BTU (9.67kW) "H" burners
- 2-5/16" (591mm) H-welded steel splashguards, sides & back
- Removable front-mounted stainless steel grease receptacle
- Two 24,000 BTU (7kW) natural gas, 20,000 BTU (5.86kW) propane gas Starfire burners per section.
- Removable ring grates over each burner
- One-piece stainless steel drip tray
- Fully porcelainized oven interior
- Piezo Spark ignition for oven
- 40,000 BTU (11.72kW) natural gas, 35,000 BTU (10.25kW) propane gas cast-iron oven burner

Options & Accessories

- Stainless main back
- Stainless steel oven interior
- Stainless steel common front rail up to 102" (2591mm) wide (two or more units in a battery)
- Fully grooved griddle (or grooved sections)
- Convection oven base, add C to model #, e.g. M48-23RC
- Additional oven rack
- Rear gas connection, 3/4" or 1" 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)
- Set of 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 (export)
- Celsius dial for oven thermostat (NC)

Specifications

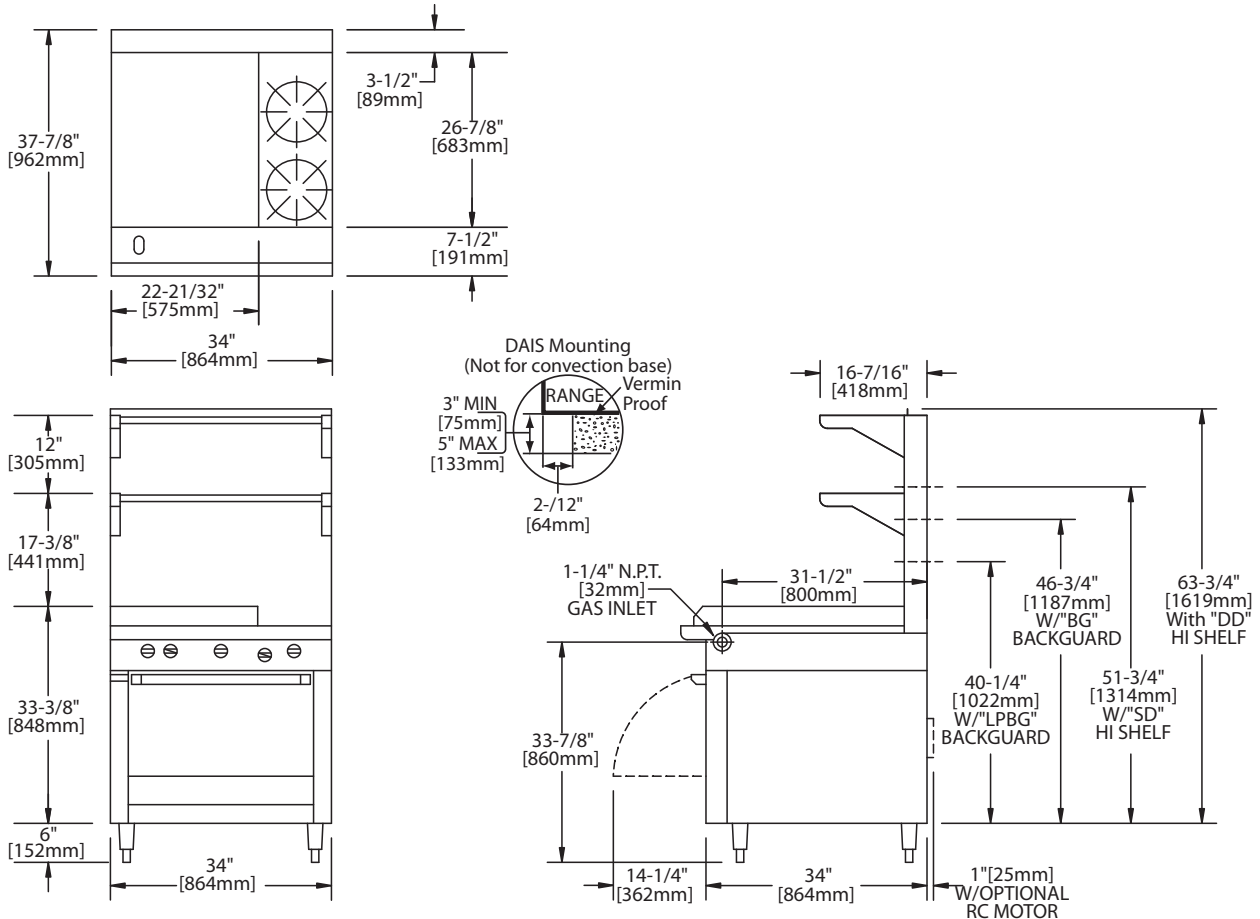
Heavy-duty gas range, Model M48-23R with ovens with one 23" (548mm) wide x 25" (635mm) deep x 1" (25mm) thick griddle. Valve controlled griddle, bordered side and rear continuous welded stainless steel splash guards, 66,000 BTU (19.3kW) total, on left only, and two 24,000 BTU (7.0 kW) Starfire open burners with heavy-duty cast-iron top grates/ring grates. 34" (864mm) W x 38" (965mm) D, including 7-1/2" (191mm) deep stainless steel front rail. Porcelain enamel oven interior with 40,000 BTU (11.72kW) cast-iron burner. Stainless steel front and sides. 154,000 BTU (45.10 kW) total (natural gas). Natural or propane gas. Also available with storage base with doors, M48-23S, and with modular top, M48-23T.

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

NOTE: All Master Series ranges, attachments, fryers, and broilers require a high shelf or backguard flue attachment - sold separately.



Master Series Heavy-Duty Combination Top Range



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
M48-23R	34(864)	38(965)	36-3/8(924)	30-3/8(772)	26-1/4(667)	29(737)**	13-1/2(343)
M48-23S	34(864)	38(965)	36-3/8(924)	36-3/8(924)	26(665)	30-1/2(773)	20-1/2(519)
M48-23T	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)	M48-23R & M48-23RC	M48-23S & M48-23T
2 Open Burners (24,000BTU ea.)***	48,000 (14.06kW)	48,000 (14.06kW)
Griddle	66,000 (19.34kW)	66,000 (19.34kW)
Oven***	40,000 (11.72kW)	N/A
TOTAL	154,000 (45.12kW)	114,000 (33.40kW)

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

INSTALLATION NOTES			Shipping Wt: (Lb/Kg) ²
Combustible Wall Clearances ¹	Entry Clearances	Operating Pressure	
Sides: 14" (356mm)	Crated: 39-1/4" (997mm)	Natural: 6" WC (15mbar)	M48-23R 480/218
Back: 6" (152mm)	Uncrated: 34-1/4" (870mm)	Propane: 10" WC (25mbar)	M48-23S 380/172
			M48-23T 280/127

¹NOTE: Installation clearance reductions are applicable only where local codes permit.

²Shipping Cubic Feet 50 for R & S Models, 20 for T models

Data applies only to North America

Gas input ratings shown here are for installations up to 2,000 ft. (610m) above sea level. Specify altitudes over 2,000 ft.

Electrical characteristics each RC oven: 1/3 HP motor, 120 VAC, single phase, 3.4 amps, 6 ft. (1.8m) power cord with NEMA 5-15P plug provided.

230 VAC export is direct connect, single phase, 50 Hz. 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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