SOUTHERN® PRIDE BBQ SMOKERS

Model: MLR-850 (120v model)

Gas-Fired Wood-Burning Rotisserie Smoker

Approximate Smoker Capacities

(Capacities will vary based on physical shape, weight, and method of loading for each product specified.)

Pork Butts (8-10 lbs.) each……..72 pieces

Baby Back Ribs (3 lbs.) each……..80 pieces

Whole Chickens (3-4 lbs.) each……..96 pieces

Beef Briskets (12-15 lbs.) each……..24 pieces



(4) 5-tier, 3-1/2” spacing, hanger assemblies
55 ft^2 cooking surface



Standard Features:

- 304 stainless steel construction; interior and exterior.
- High temperature blanket insulated cabinet.
- Adjustable 8” tall steel pipe legs.
- Front or rear flue configuration.
- Low velocity convection fan with 10” fan blade (spare blade included).
- Control with on/off switch, a digital thermostat (140° to 325°F), rotisserie advance button, and a pneumatic rotisserie advance foot switch.
- Interior light.
- Firebox for 1-3 logs (1.5 ft^3).
- 2” grease drain with ball valve.
- (20) 18” x 22” nickel chrome plated product racks (see illustration above).

Optional Features:

- Mirror image (left side - firebox; right side - gear motor, burner and utility connections).
- Control with a digital cook and hold thermostat ((140° to 325°F), allows for selection of cook temperature, cook time, and hold temperature), and a pneumatic rotisserie advance foot switch.
- Glass product display doors and manual light switch.
- Stainless steel product racks.
- Smoke extractor damper (typically utilized in through the wall direct venting applications). **– OR—**
- VSP eyebrow ventilation hood system.
- Working height locking casters.
- Product shelf mounted below the control panel.
- Lockable control panel cover.
- Additional optional accessories are available.

C ETL LISTED US — Intertek — ANSI Z83.11b-2025 CSA 1.8b-2025

ETL SANITATION LISTED — Intertek — ANSI/NSF STD 4

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REVISED: October 2026 Revision 2

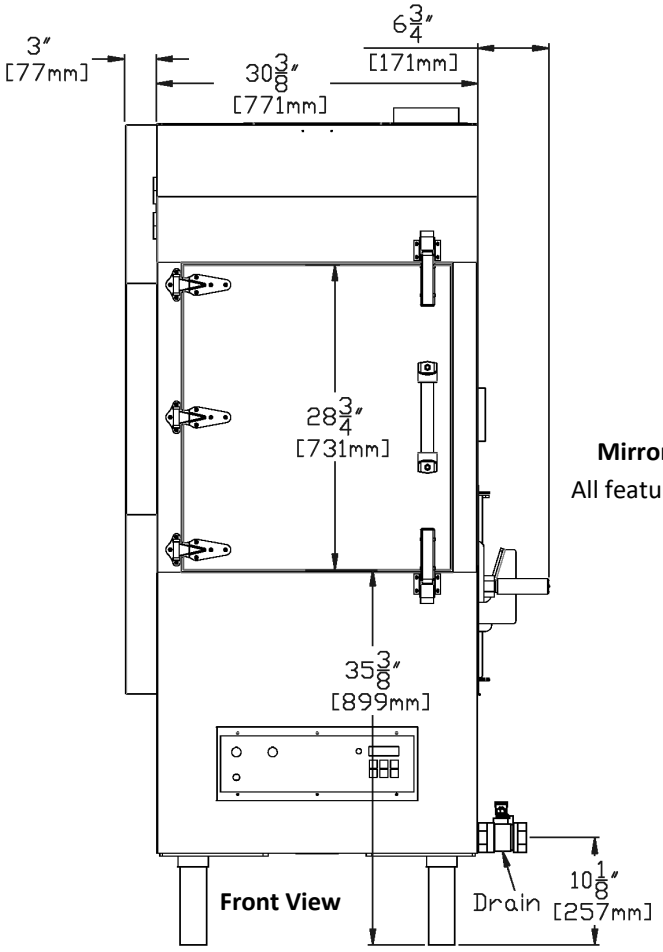
An ongoing program of product improvement may require us to change specifications without notice.

Serial Number: R8500067 to Current

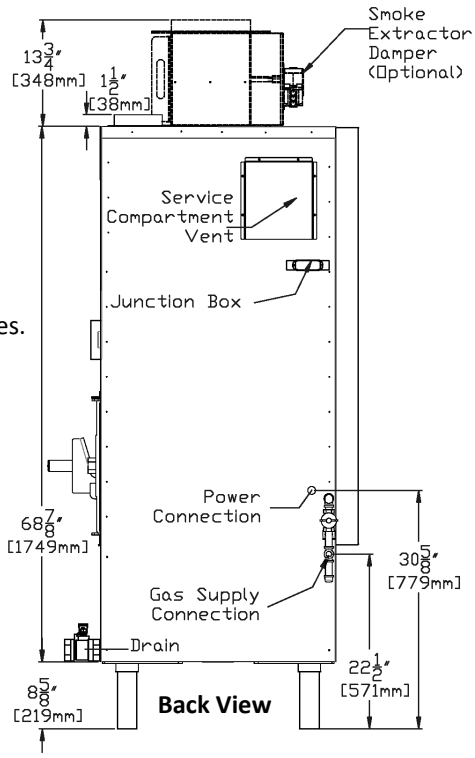
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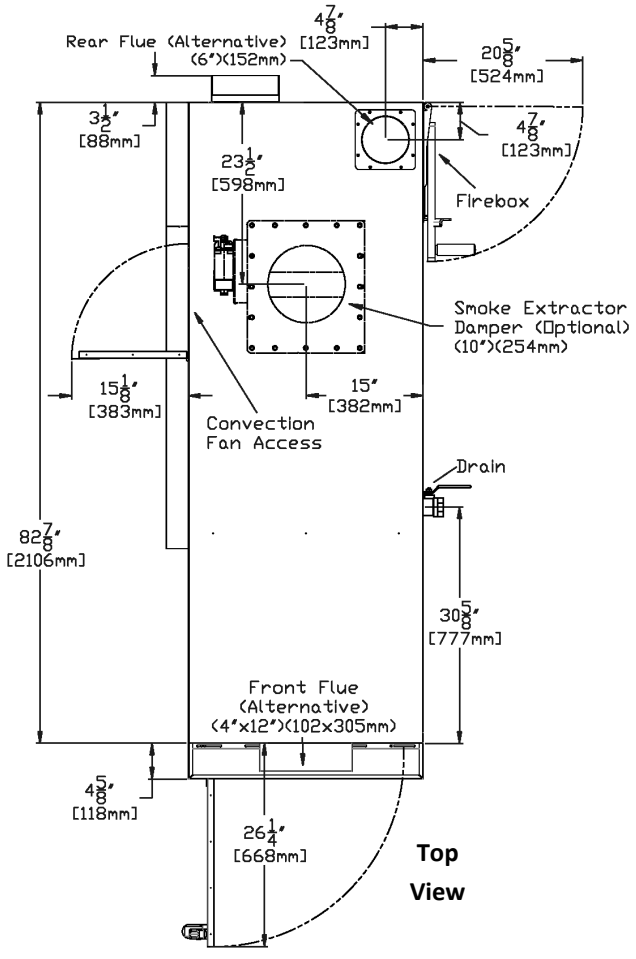
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Mirror Image Unit -
All features switch sides.



Leg locations (center to center) -
23-1/2“W x 76-1/4“D (597 x 1937mm)



REQUIREMENTS

GAS

1/2 inch gas inlet (NPT)

125,000 BTU (37 KW) - Natural (NG)

Supply line pressure - 4.5” W.C. min - 10.0” W.C. max (11.2 - 26.5 mbar)

OR

125,000 BTU (37KW) - Propane (LP)

Supply line pressure - 11.0” W.C. min - 13.0” W.C. max (27.4 - 32.4 mbar)

ELECTRICAL

120 volt AC, 60 hertz, 1-phase, 15 amp wiring required, NEMA 5-15P plug

VENTILATION

The smoker must be vented in accordance with the Owner’s Manual and the installation must comply with NFPA® 96 and all relevant local and national codes and in a manner acceptable to the authority having jurisdiction.

SMOKER WEIGHT - 1,575 lbs. (714 kg)

SHIPPING (crated) - 1,875 lbs. (850 kg)
110”L x 61”W x 85”H (2794 x 1549 x 2159mm)

Minimum Clearance Requirements from Combustible Material

Back.....18” (457 mm)	Firebox door side.....24” (610mm)
Top.....18” (457mm)	Gear motor side.....18” (457mm)
Front.....48” (1219mm)	

NOTE: If provision is made for service access, gear motor side and back clearance can be reduced to 2” (51mm). Through the wall insulation kit allows for 0” clearance on contact surface with combustibles.