

Wood Stone



Gas oven shown with optional stainless steel mantle.

MT. RAINIER 7'

Stone Hearth Oven



Job Name	
Model	WS-MS-7-RFG-IR-W
Item#	
Fuel Type	Dual Burner, Gas-Fired / Wood Optional

The Mt. Rainier Dual Burner, Gas-Fired / Wood Optional oven features a standard door opening 42 inches wide x 12 inches high. The inside diameter of the oven floor is 74 inches, resulting in a 31-square-foot cooking surface. The oven is approved for installation with 1-inch side clearance to combustible building materials.

The dense, high temperature ceramic formulation of which the hearth and dome are cast creates a "deep heat sink" within the chamber of the oven. The oven is primarily heated by an easily adjustable (123,000-BTU max.) wall of radiant flame located at the rear of the cooking chamber. A 97,000-BTU thermostatically controlled infrared burner mounted under the floor ensures constant deck temperatures. The combined effect of these heat sources makes the Mt. Rainier a very powerful and responsive stone hearth oven. The user also has the option of building a small wood fire on either side of the cooking chamber for additional ambience and flavor.

The 2,000-pound, monolithic, 4-inch thick, cast-ceramic floor sits on 4 inches of rigid insulation. The 1,800-pound, monolithic dome is also cast to a thickness of at least 4 inches. The hearth and dome are connected and supported by a carefully tensioned steel exoskeleton, which ensures structural integrity and long life. The body of the oven rests on a 12-gauge steel pan bolted to a heavy-duty, 3-inch angle iron stand. The oven is wrapped with at least 2 inches of spun ceramic fiber insulation and enclosed (top and sides) with 16-gauge galvanized steel. The oven arrives completely assembled and ready to set in place.

The oven can be manufactured to burn either propane or natural gas; this must be specified at the time of order.

The oven vents through a flue collar located above the doorway. The Mt. Rainier can be direct connected to a power-ventilated, grease-rated chimney or can be vented with a Listed Type 1 exhaust hood, or one constructed in accordance with NFPA 96 and all relevant local and national codes.

The oven must be vented as a solid fuel appliance in accordance with all relevant local and national codes and in a manner acceptable to the authority having jurisdiction. Ovens ordered without a hood will have a round flue adapter installed to facilitate direct connection to a round duct. A flue adapter is necessary only when the oven will be direct connected. Models that utilize wood as a fuel source must be vented as a solid fuel appliance.

Hearth Capacity

8" pizzas	36-40
10" pizzas	22-26
12" pizzas	16-20
16" pizzas	8-10

Assuming 5-minute cook times, the approximate maximum hourly production capacity can be calculated by multiplying the above numbers by 12.

OPTIONAL ACCESSORIES

- Doorway or Service Panel Extensions
- Stainless Steel or Black Granite Mantles
- Decorative Oven-Mounted Wood box
- Stainless Steel Oven Tools
- Custom Finishes
- Exhaust Fan
- Exhaust Hood
- Custom Wood Burning Tools
- Multiple Opening Option



An ongoing program of product improvement may require us to change specifications without notice.
Revised July 2010

WOOD STONE CORPORATION
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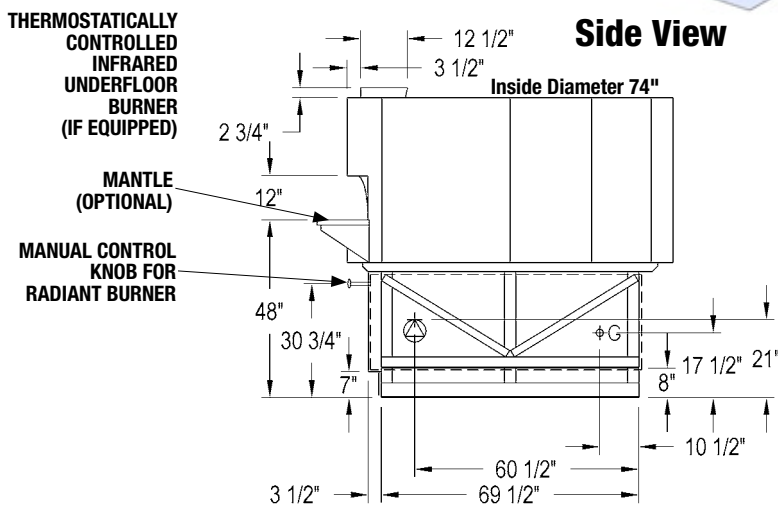
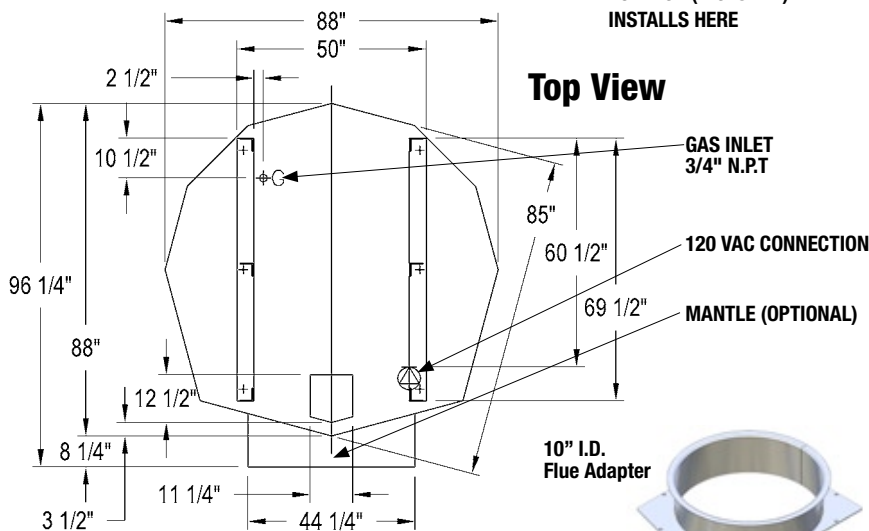
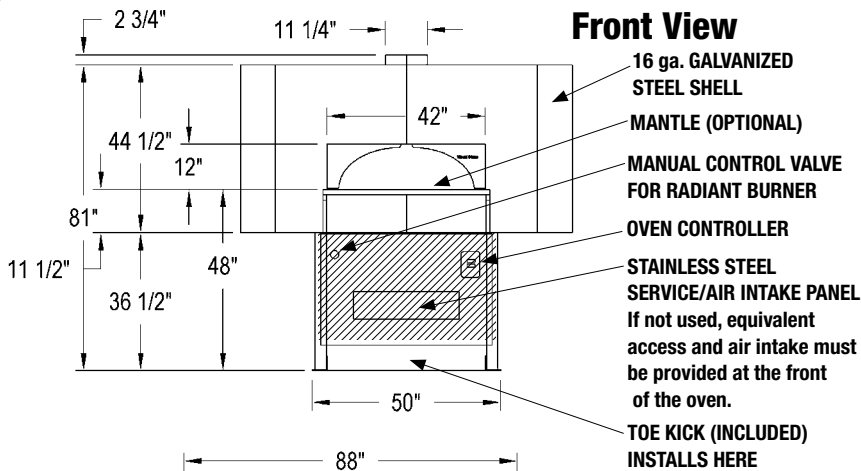


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Model

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UTILITIES REQUIRED

1. 120-VAC/ 1.1-AMP Electrical Supply
2. 220,000-BTU Natural Gas Supply OR 227,000-BTU Propane (LP) Supply

FACADE INFORMATION

1. All facades or enclosures are by others; see installation information for details.
2. Any facade or enclosure below the mantle allow the following:

- a) Unobstructed access 23 inches to each side of centerline for removal of service / intake panel.
- b) Easy access to all controls.
- c) Sufficient combustion air for gas burners; see installation information for details.

VENTING INFORMATION

The oven vents through a flue collar located above the doorway. The Mt. Rainier can be direct connected to a power-ventilated, grease-rated chimney or can be vented with a Listed Type 1 exhaust hood, or one constructed in accordance with NFPA 96 and all relevant local and national codes. The oven must be vented as a solid fuel appliance, in accordance with all relevant local and national codes and in a manner acceptable to the authority having jurisdiction. Ovens ordered without a hood will have a round flue adapter installed to facilitate direct connection to a round duct. A flue adapter is necessary only when the oven will be direct connected. Models that utilize wood as a fuel source must be vented as a solid fuel appliance.

**Unit Shipping Weight:
6,000 lbs.**



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