

Wood Stone



FIRE DECK 8645 CE

Stone Hearth Deck Oven



Job Name	
Model	WS-FD-8645-CE
Item#	
Fuel Type	Gas-Fired or Multi Fuel

Hearth Capacity	
200 mm pizzas	20
250 mm pizzas	14
300 mm pizzas	10
400 mm pizzas	6

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

OPTIONAL ACCESSORIES

- Stainless Steel Storage Boxes
- Stainless Steel Oven Tool Set (with stainless steel hangers)
- Stack-Mounted Exhaust Fan
- Custom Oven-Mounted Exhaust Hood
- Temporary Rigging Casters
- Configured for Wood Burning (Wood burning models must be vented for solid fuel)
- Wood Stone also carries a full line of accessories for stone hearth cooking

The Fire Deck features a standard door opening 1420 mm wide x 250 mm high. The cooking surface is 1475 mm wide, and 965 mm deep, resulting in 1.4 square meters of usable deck space. 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 chef is protected from the heat of the chamber by the ceramic glass door/heat shield. The heat shield glides smoothly and easily using a simple counterweight, and can be safely left in any position. Whether it is open or closed, the operator and the customers can see into the brightly illuminated chamber. The Fire Deck is unique among deck ovens in that the oven operates efficiently with the door open or closed.

The Fire Deck is available in a variety of burner configurations. The standard unit has two manually adjustable walls of radiant flame (one at each end), as well as a thermostatically controlled gas infrared burner beneath the oven deck.

The 545 Kg, monolithic, cast-ceramic floor sits on 100 mm of rigid insulation and is poured to a thickness of 100 mm. The 590 Kg, monolithic dome is also cast to a thickness of 100 mm. The hearth and dome are connected by a carefully tensioned steel exoskeleton, which ensures structural integrity and long life. The oven's ceramic dome is wrapped with at least 50 mm of spun ceramic fiber insulation and enclosed (top and sides) with 16-gauge steel. The body of the oven rests on a 10-gauge steel pan welded to a heavy-duty stand, coated with a durable black finish. The upper face of the oven body is finished in stainless steel.

Stainless steel storage compartments (shown) are optional and can be provided in the support frame. The oven arrives completely assembled and may be accompanied by a set of temporary rigging casters (optional) to aid in moving the oven into place.

The Fire Deck must be vented using an exhaust hood, constructed and installed in accordance with all relevant local and national codes.

NATURAL GAS (METHANE)

┆_{2H(20)} for use in: AT, BG, CZ, DK, EE, FI, GR, HR, HU, IS, IE, IT, LV, LT, NO, PT, RO, SK, SI, ES, SE, CH, TR, and GB

┆_{2E(20/25)} for use in: DE and PL

┆_{2E+(20/25)} for use in: BE and FR

┆_{2L(25)} for use in: NL

┆_{2HS(25)} for use in: HU

PROPANE and PROPANE BLENDS

┆_{3P(37)} for use in: FI, DE, GR, IE, HR, LU, NL, PL, SK, SI, ES, CH, TR and GB

┆_{3P(50)} for use in: CY, CZ, MT and SK

┆_{3+(28-30,37)} for use in: BE, CY, CZ, EE, FR, GR, IE, IT, LT, LU, LV, PT, RO, SK, ES, CH and GB

┆_{3B/P(30)} for use in: BG, CY, CZ, DK, EE, FI, GR, HR, LV, LT, LU, MT, NL, NO, SK, SI, SE and TR

┆_{3B/P(37)} for use in: PL

┆_{3B/P(50)} for use in: AT, DE, HU, SK and CH



An ongoing program of product improvement may require us to change specifications without notice.
Revised August 2009

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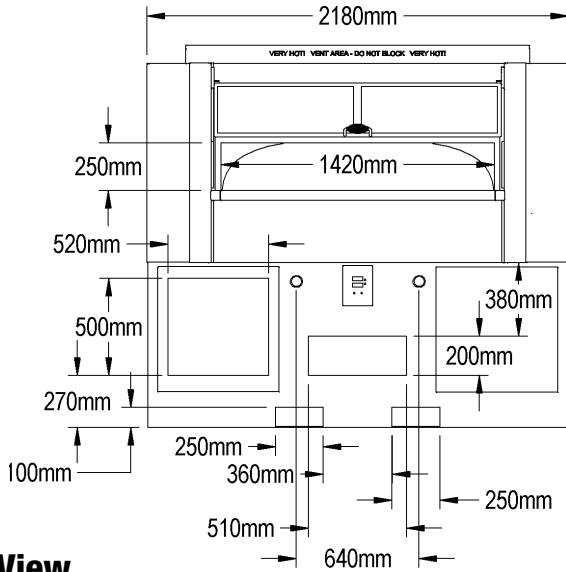
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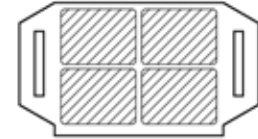
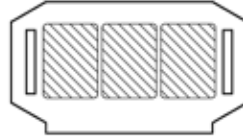
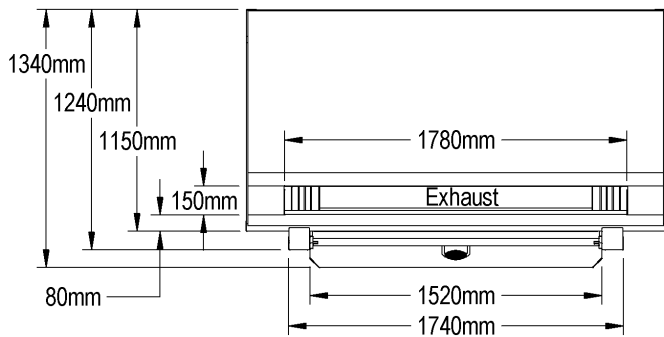
Model

WS-FD-8645-CE

Front View

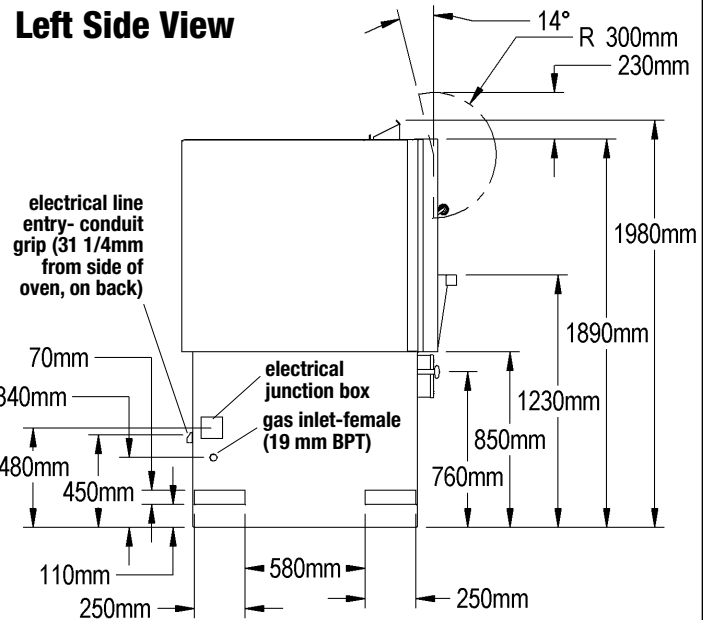


Top View



Graphic representations of oven interior showing possible arrangements of 3 and 4 full-sized sheet pans and possible locations of Radiant Flame Burners

Left Side View



UTILITIES REQUIRED

230 VAC / .4 2AMP electrical connection
The oven's gas inlet is 19 mm B.P.T. Female

INSTALLATION CLEARANCE

This appliance should be installed with at least 25 mm side and rear clearance to combustible building materials.

VENTING INFORMATION

Must be installed under an exhaust hood constructed and installed in accordance with NFPA and all relevant local and national codes.

Declared Input (kW)

Model	I _{2H} , I _{2L} and I _{2E}	I _{3P} , I ₃₊ and I _{3(B/P)}
WS-FD-8645-RFG-LR-IR-CE	69.68 kW	62.36 kW
WS-FD-8645-RFG-(L or R)-IR-CE	44.85 kW	37.92 kW
WS-FD-8645-RFG-LR-CE	49.66 kW	48.88 kW

EN 437 Gas Group	I _{2H}	I _{2E} and I _{2L}	I ₃₊	I _{3B/P(30)}	I _{B/P(50)}	I _{3P}
Inlet Pressure (mbar)	20	25	28-30/37/50	30	50	30/37/50

Unit Shipping Weight: 2,050 Kg



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