

BEECH OVENS

WORLD LEADER IN SPECTACULAR COOKING EQUIPMENT



36 Gladys Street, Stones Corner,
Queensland, Australia, 4120

Tel: (617) 3397 0277

Fax: (617) 3397 0030

e-Mail: sales@beechovens.com.au

Web: www.beechovens.com

ABN 14 115 371 741

PRODUCT



MANUFACTURER

BEECH OVENS

MODEL NUMBER

RND0900

PRODUCT DESCRIPTION

Round Stone Hearth Oven – Wood/Gas fired.

Ext Diameter:

Ø1250mm.

Int Diameter:

900mm.

Height:

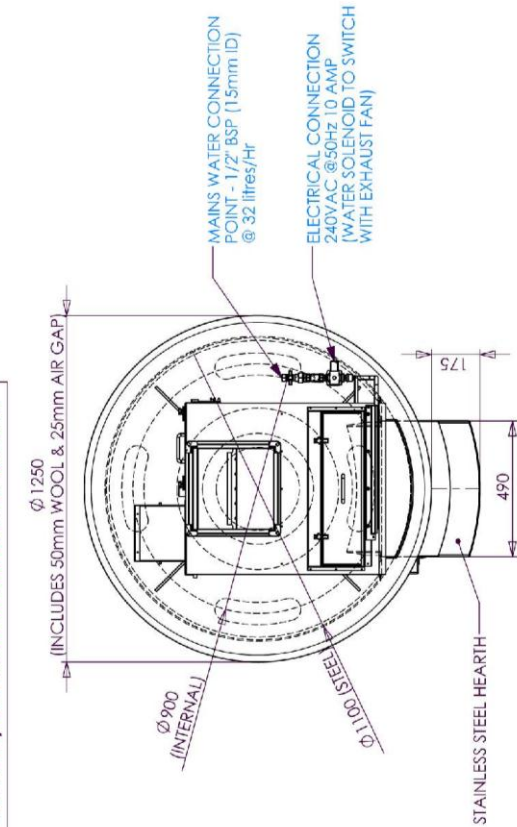
1730mm.

MANUFACTURED IN AUSTRALIA

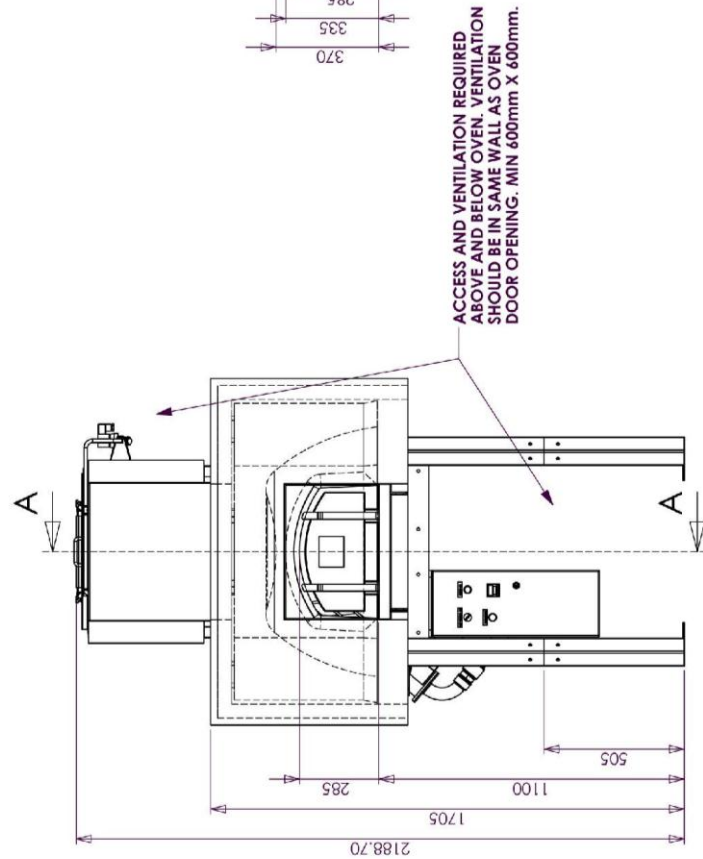
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SPECIFICATIONS

Purpose	Wood/Gas Fired stone hearth oven for cooking Pizza and other dishes.
Construction	High grade castable ceramic encased in 5mm steel housing supplied in 2 major sections with removable legs. 50mm insulation covers oven body, 25mm air gap between insulation and non-combustible façade material. 75mm stone hearth floor above 25mm insulating board and 5mm plate.
Firing Type	Wood, Gas or Gas Back-up (<i>Wood and Gas</i>)
Gas	Gas Back-up - 80Mj NAT / 60Mj LPG (<i>Tube Burner</i>) Full Gas – 70Mj Nat / 60Mj LPG (<i>Display Burner</i>)
Exhaust Requirements	Under Canopy/Hood OR Beech Spray Filter (<i>Wet Scrubber</i>) OR Flue Transition.
MEP Ratings	Gas Connection – 19mm (3/4") line. Electrical – 220-240VAC @ 50Hz 1 Phase 10 AMP Spray Filter Water Inlet– 15mm @ 30 L/Hr. Spray Filter Water Outlet – 40mm Copper Drain – To drain via tundish visible to operator. Spray Filter Water Solenoid – 220-240VAC @ 50Hz 1 Phase 10AMP (<i>Linked to exhaust fan – Fan ON = Solenoid ON</i>) Spray Filter Exhaust Ratings – 300mm x 300mm connection, 130Pa Static Pressure, 700l/sec Spray Filter Cool air Make-up unit – Ensure a fresh air supply is available. No connection required.
Capacity	Cooks approximately 25 x 300mm pizzas per hour.
Accessories	Pizza Tools (<i>Pizza Peel, Spigot Brush, Brass Floor Brush, Bubble Hook, SS Rake and Shovel</i>) Stainless Steel Hearth (<i>Optional – shown in image</i>) Spray Filter (<i>Optional – shown in image</i>)
Safety	Oven and associated systems are CE and UL compliant. UL Tested to Subject 2162 (<i>Wood/Gas Fired</i>). Complies to USA "ANSI-NSF standard 4" Exterior temperatures below 50°C. Compliant Gas systems with flame failure device.
Special Requirements	Façade and Oven surround to be made of non-combustible material. Tube Burner Vent to be connected via ventilation panel in front façade panel below oven door (<i>See Installation and Operation Manual for details</i>) Access and ventilation panel to both above and below oven - minimum 600mm x 600mm Metal infill required between oven spigot and façade to prevent hot air and flames entering the façade cavity.



NOTES:
CONNECTION TO APPROVED FLUE/DUCTING REQUIRED (CHECK LOCAL CODES AND REGULATIONS)
SERVICES REQUIRED - SEE BLUE TEXT
THE OVEN IS DELIVERED IN TWO (2) MAIN SECTIONS:
UPPER SECTION - Approx 720kg
BASE SECTION - Approx 270kg
LEGS ATTACHED - Approx 8kg EACH
TOTAL WEIGHT = Approx 1050KG
FOR INSTALLATION INSTRUCTIONS SEE INSTALLATION AND OPERATION MANUAL



EXHAUST REQUIREMENTS
300mm X 300mm FLUE CONNECTION
@ 700 litres/sec (2520m³/Hr)
@ 130Pa STATIC PRESSURE

527.41

COOL AIR MAKE-UP
(ENSURE A FRESH AIR
SOURCE IS AVAILABLE)

40mm COPPER DRAIN
TO KITCHEN WASTE
VIA TUNDRISH

TUBE BURNER

ACCESS AND VENTILATION REQUIRED
ABOVE AND BELOW OVEN. VENTILATION
SHOULD BE IN SAME WALL AS OVEN
DOOR OPENING. MIN 600mm X 600mm.

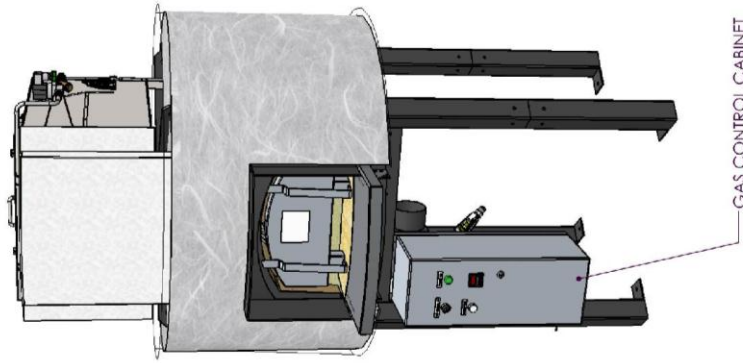
CONNECT TO TUBE BURNER VENT AT FRONT FACADE
(FITTINGS SUPPLIED BY BEECH) - SEE INSTALLATION AND
OPERATION MANUAL FOR DETAILS

OUTGOING GAS CONNECTION POINT
(TO BURNER)

ELECTRICAL CONNECTION POINT
(240VAC @ 50 Hz 10AMP 1 PHASE)

INCOMING 19mm (3/4") GAS LINE CONNECTION POINT
80MJ / 75825 BTU (NAT)
60MJ / 56869 BTU (LPG) FOR GAS BACK-UP

SECTION A-A



Drawn	S Trood	Checked	Scale	1:18	Date	1/04/2011
ROUND OVEN Ø900mm INTERNAL GBL - (GAS BACK-UP LEFT) SF_SH						A3 NTS - SITE MEASURE
BEECH OVENS Australia (617) 3397 0277						RND0900-2013 - DETAILS
REV.	0	ISSUED FOR CONSTRUCTION	DESCRIPTION OF CHANGES	DATE	CHANGED BY	
LAST EDITED: Friday, 1 April 2011 2:50:58 PM						©Copyright 2006 Beech Ovens Pty Ltd. All rights reserved.