

Technical Specifications MBS GRAND 90

The **MBS GRAND 90** appliance has been designed for solid fuel combustion in periodic feed rates and it is intended for cooking and baking in households and/or for heating the space in which it is situated, according to the ČSN EN 12815:2002 Standard as amended A1:2005. The appliance can be connected to a chimney from the back, both sides or from the top by means of a hole in the Hob-Top (Drawing 1). It is available in either left or right versions. The appliance is suitable for short operational periods, so it is not possible to set the permanent-heat process with a shortest interval of fuel supply of 10 hours.

Appliance Characteristics

	MBS GRAND 90	
	wooden briquettes	wood
Nominal Heat Output – NHO and heat flow into the area	7 kW	8,5 kW
Efficiency at NHO	80,6 %	75 %
Average temperature of flue-gas at NHO	190 °C	215 %
Mass flow rate of flue-gas at NHO	9 g/s	13 g/s
Approx. Concentration of CO at HNO (O ₂ = 13%)	0,05 %	0,08 %
Minimum chimney draught	12 Pa	
Height of the worktop	850 mm	33.5" H
Width of the appliance	924 mm	36.4" W
Depth of the appliance	600 mm	23.6" D
Diameter of the exhaust flue	120 mm	5" D
Height to the centre of the exhaust flue	735 ±0,5 mm	
Area of the cooking range	0,37 m ²	
Average ecological wooden briquettes consumption	2 kg/h	
Weight	175 kg	

Dimensions of the Fire Box

Width x Height x Depth	190 x 220 x 450 mm	7.5" x 8.7" x 17.7"
Fire grate, Width x Depth	140 x 300 mm	
Stokehole, Width x Height	197 x 200 mm	

Dimensions of the Baking Oven

Width x Height x Depth	302 x 250 x 433 mm	11.9" x 9.8" x 17.1"
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Accessories

Pan	1 pc.
Baking oven grate	1 pc.
Poker	1 pc.
Glove	1 pc.