



TECHNICAL SHEET
of the fireplace stove
Grand mini
smoke flue rear outlet

Suitable fuel:

As concerns suitable fuel to be employed, see the chapter 2.2 Fuel in the General Manual of Operation.

Proper operation:

As concerns the proper and safe operation of the fireplace stove, see the chapters 2. Description of the combustion process and 5. Operating instructions in the General Manual of Operation.

Ordering number of the shaped block	Dimension	Ordering number of the shaped block	Dimension
48	300x228x30		
125	300x160x30		

INSTRUCTIONS FOR THE CONTROL OF COMBUSTION PROCESS:

Fuel	Output of the heating device		Output of the heating device		Output of the heating device		Output of the heating device	
	100%	33%	100%	33%	100%	33%	100%	33%
	Amount of fuel		Primary air		Secondary air I		Secondary air II	
Blockwood	2,4 kg/h	0,8 kg/h	open 100%	open 33%	open 100%	open 33%	open 100%	open 33%
Ecological briquettes	2 kg/h	0,7 kg/h	open 100%	open 33%	open 100%	open 33%	open 100%	open 33%

TECHNICAL DESCRIPTION:

Position	Name	Position	Name	Position	Name
1	Stove body	10	Protection	19	Ceramic lateral lining
2	Fire-box door	11	Lever lock of the fire-box door	20	Housing metal I
3	Oven	12	Controller of secondary air I	21	Housing metal II
4	Fuel bunker	13	Controller of secondary air II		
5	Ash pan	14	Controller of primary air		
6	Smoke flue neck	15	Refractory glass		
7	Fire-clay lining	16	Lower lip - loose		
8	Ceramic tiles - oven	17	Middle lip - fixed	Sealing cord of the door 8 mm	
9	Cast-iron grate	18	Upper lip - fixed	Sealing cord of the glass 10x4 mm	

TECHNICAL DATA:

	Wood	Ecological briquettes		
Achieved heat output (100%)	8 kW	8 kW	Height	977 mm
Nominal heat output	8 kW	8 kW	Width	560 mm
Reduced heat output (33%)	2,6 kW	2,6 kW	Depth	405 mm
Maximum stoking amount of the fuel	2,4 kg/h	2 kg/h	Weight	127 kg
Average temperature of combustion products behind the smoke flue neck	278 °C	330 °C	Diameter of the smoke flue	150 mm
Maximum mass flow of dry combustion products	7,3 g/s	7,3 g/s	Min. chimney stack draught in the smoke flue neck	10 Pa
Energy efficiency	75,5 %	79,3%	Heating capacity (middle heat losses) at 8 kW	cca. 150 m ³
Average concentration of CO ₂	9,6	10,7	Range of outputs	2,6 - 8 kW
Concentration of CO in combustion products	0,3	0,2		