



TECHNICAL SHEET
of the fireplace stove
Grand mini
smoke flue upper 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		

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**DIMENSIONED DIAGRAM OF THE FIREPLACE STOVE WITH INSTALLATION OF
KNEE-PIECE FOR EXHAUST OF COMBUSTION PRODUCTS, DELIVERED AS
OPTIONAL ACCESSORY**

