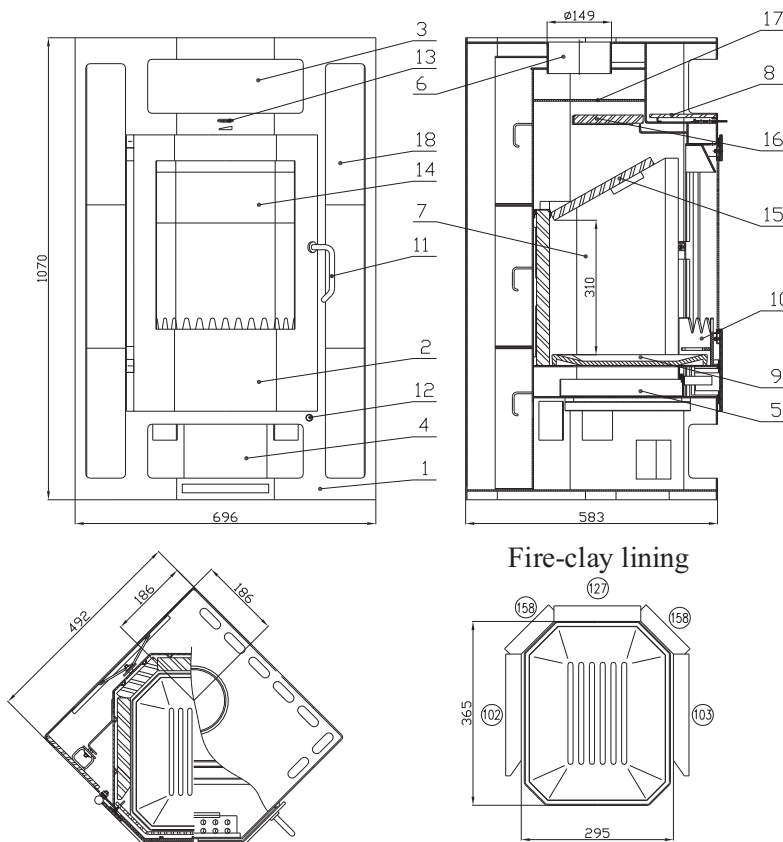


TECHNICAL SHEET
of the fireplace stove
Luž mini



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
102	480x235x30		
103	480x235x30		
127	360x160x30		
158	370x120x30		

INSTRUCTIONS FOR THE CONTROL OF COMBUSTION PROCESS:

Fuel	Output of the heating device		Output of the heating device		Output of the heating device	
	100%	33%	100%	33%	100%	33%
	Amount of fuel		Primary air		Secondary air	
Blockwood	2,8 kg/h	0,9 kg/h	open 100%	open 33%	open 100%	open 33%
Ecological briquettes	2,8 kg/h	0,9 kg/h	open 100%	open 33%	open 100%	open 33%
Coal briquettes	1,7 kg/h	0,6 kg/h	open 100%	open 33%	open 100%	open 33%

TECHNICAL DESCRIPTION:

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

TECHNICAL DATA:

	Wood	Ecological briquettes	Coal briquettes		
Achieved heat output (100%)	8,2 kW	8,2 kW	8,3 kW	Height	1070 mm
Nominal heat output	8 kW	8 kW	8 kW	Width	696 mm
Reduced heat output (33%)	2,7 kW	2,7 kW	2,7 kW	Depth	583 mm
Maximum stoking amount of the fuel	2,8 kg/h	2,8 kg/h	1,7 kg/h	Weight	137 kg
Average temperature of combustion products behind the smoke flue neck	297 °C	297 °C	300 °C	Diameter of the smoke flue	150 mm
Maximum mass flow of dry combustion products	8,1 g/s	8,1 g/s	9,3 g/s	Min. chimney stack draught in the smoke flue neck	11 Pa
Energy efficiency	74,2 %	74,2 %	72,9 %	Heating capacity (middle heat losses) at 8,3 kW	cca. 150 m ³
Average concentration of CO ₂	9	9	7,8	Range of outputs	2,7 - 8,3 kW
Concentration of CO in combustion products	0,3	0,3	0,13		

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

