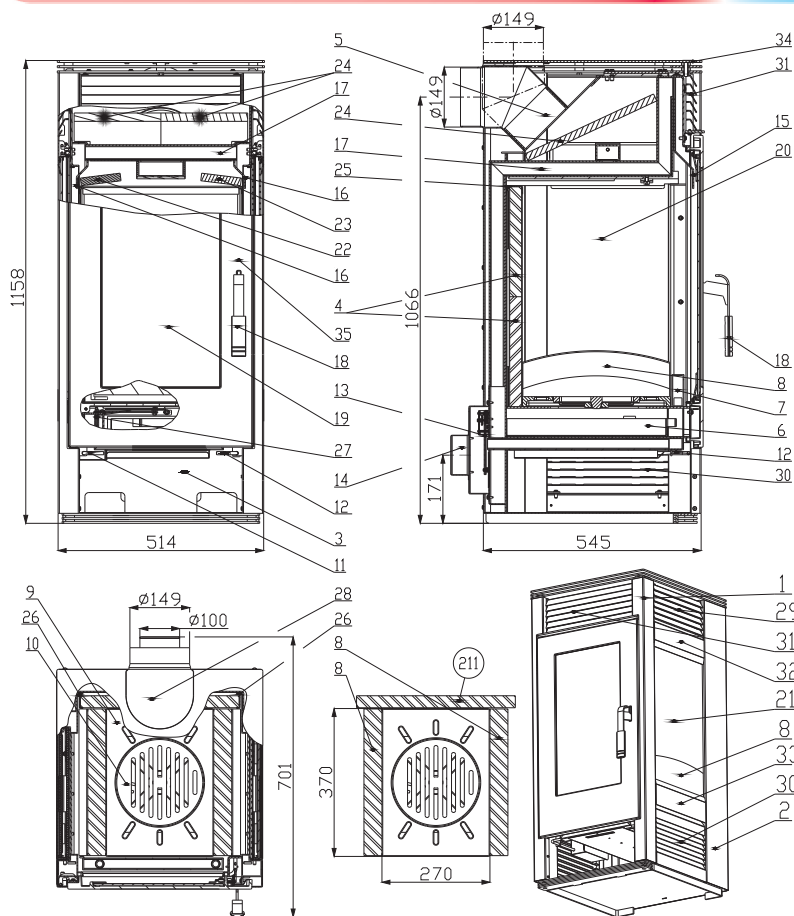


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TECHNICAL SHEET of the fireplace stove Juva

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
211	397x275x30		

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	2,5 kg/h	0,8 kg/h	shut	shut	automatic control			
Ecological briquettes	1,2 kg/h	0,4 kg/h	open 100%	open 33%	automatic control			

TECHNICAL DESCRIPTION:

Position	Name	Position	Name	Position	Name
1	Front foot	15	Front intake of secondary air	29	Upper lateral shutter
2	Rear foot	16	Lateral intake of secondary air	30	Lower lateral shutter
3	Fuel bunker	17	Distribution of secondary air	31	Front shutter
4	Vermiculite lining	18	Lever lock of the fire-box door	32	Upper cover of the shutter
5	Smoke flue neck with knee piece	19	Refractory glass	33	Lower cover of the shutter
6	Ash pan	20	Lateral (inside) refractory glass	34	Lid
7	Protection	21	Lateral (external) hardened glass	35	Fire-box door
8	Lateral protection (fire-clay)	22	L.H. lower lip - loose (vermiculite)		
9	Cast-iron grate	23	R.H. lower lip - loose (vermiculite)		
10	Revolving section of the cast-iron grate	24	Upper lip 2x - loose (vermiculite)		
11	Control drawbar of the revolving grate	25	Holder of rear lip		
12	Controller of primary air	26	Holder of the vermiculite		
13	Automatic air control (flap)	27	Spring of door shutting	Sealing cord of the door 12 mm	
14	External intake of air (dia. 100)	28	Blind flange	Sealing cord of the glass 10x4 mm	

TECHNICAL DATA:

	Wood	Ecological briquettes		
Achieved heat output (100%)	8,6 kW	9,1 kW	Height	1158 mm
Nominal heat output	8 kW	8 kW	Width	514 mm
Reduced heat output (33%)	2,8 kW	3 kW	Depth	545 mm
Maximum stoking amount of the fuel	2,5 kg/h	1,2 kg/h	Diameter of the smoke flue	150 mm
Average temperature of combustion products behind the smoke flue neck	243 °C	248 °C	Weight	154 kg
Maximum mass flow of dry combustion products	6,1 g/s	9,2 g/s	Min. chimney stack draught in the smoke flue neck	12 Pa
Energy efficiency	81,4 %	79,7 %	Heating capacity (middle heat losses) at 9,1 kW	cca. 160 m ³
Average concentration of CO ₂	10,5	7,2	Range of outputs	2,8 - 9,1 kW
Concentration of CO in combustion products at 13% O ₂	0,07	0,05		

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

