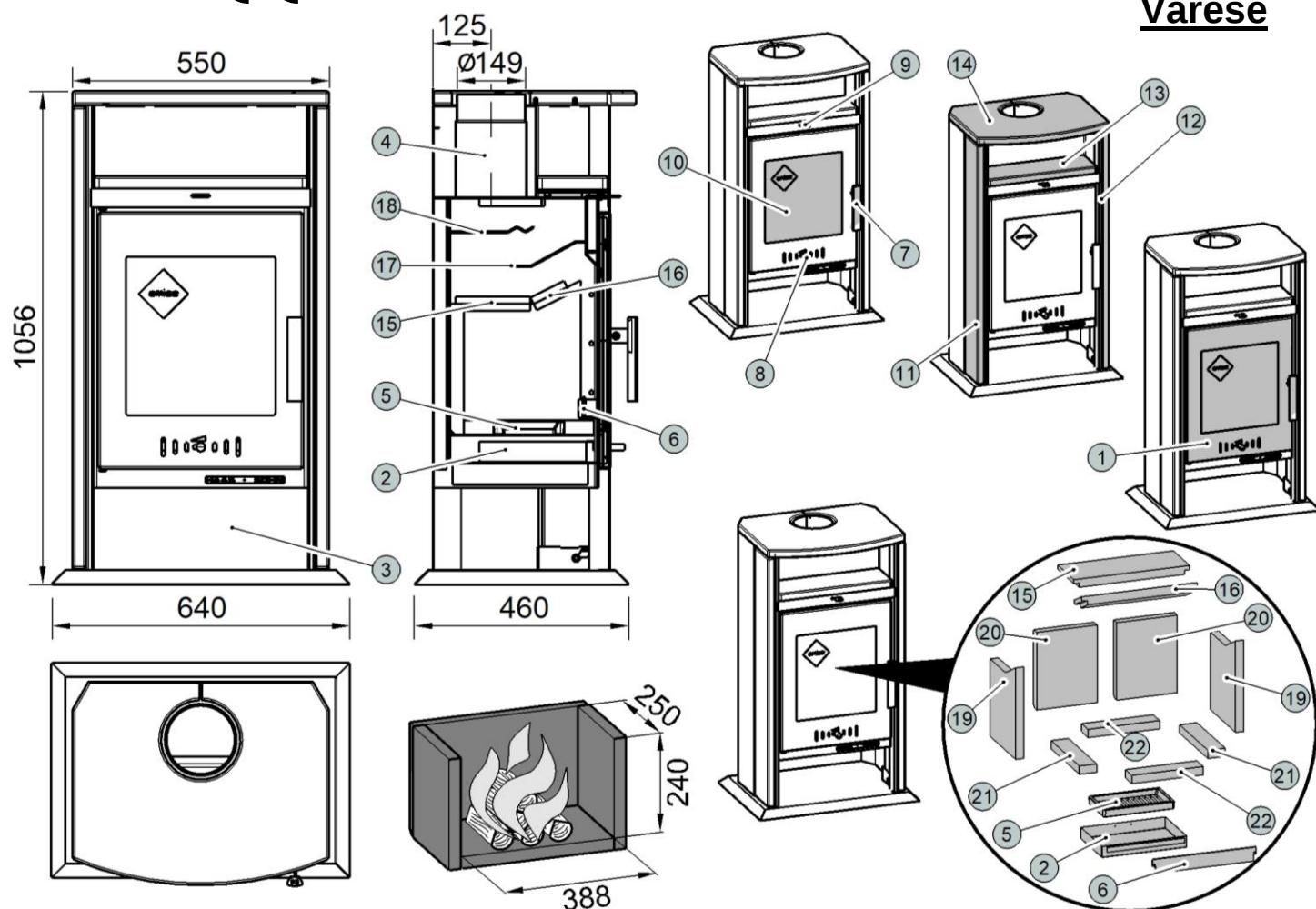




TECHNICAL SHEET of the fireplace stove Varese



Technical description:

Pos.	Name	Article No.	Pos.	Name	Article No.
1	Fire-box door	0427515276300	14	Upper lining	0427515176130
2	Ash pan	0433017005600	15	Lower lip - loose (420x160x25)	0430815015023
3	Fuel container	-	16	Lower lip - loose (420x80x25)	0427415015010
4	Smoke flue neck	-	17	Middle lip - fixed	-
5	Cast-iron grate	0020100130005	18	Upper lip - fixed	-
6	Protection	0427415242500	19	Fireclay brick (330x250x30)	0050102000005
7	Lever lock of the fire-box door	0427515275350	20	Fireclay brick (280x220x30)	0050101660005
8	Primary air controller	0427515015002	21	Fireclay brick (280x64x30)	0050101640005
9	Secondary air controller	0432415106301	22	Fireclay brick (260x64x30)	0050101630005
10	Refractory glass (370x340)	0427015105301	Door sealing cord 12 mm (2220 mm)		0041012120005
11	Lateral lining	0427515176120	Glass sealing cord 10x4 mm (1320 mm)		0040210040005
12	Lateral lining	0427515176120	Glass holder sealing rope 8x2 mm (100 mm)		0040208020005
13	Oven lining	0427515176110			

Suitable fuel:

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

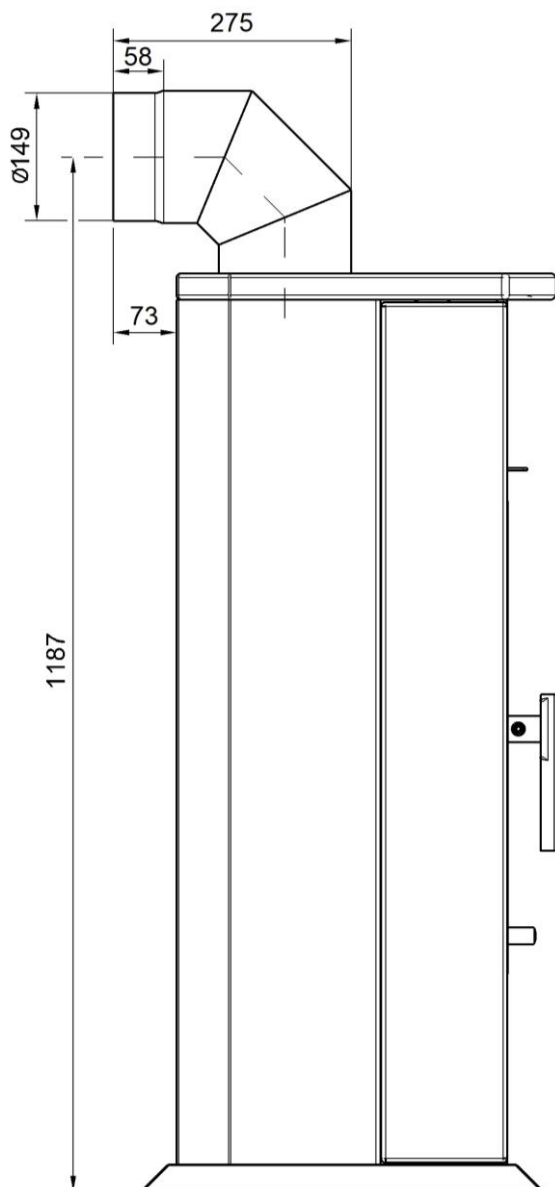
Proper operation:

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.

INSTRUCTIONS FOR THE CONTROL OF COMBUSTION PROCESS:

Fuel	Output of the heating device								
	100%	33%	70%	100%	33%	70%	100%	33%	70%
	Amount of fuel			Primary air			Secondary air		
Wood	2,2 kg/h	0,7 kg/h	-	Closed			Open 100%	Open 33%	

TECHNICAL DATA:		Wood				
Achieved heat output (100%)	7,4 kW				Height	1056 mm
Nominal heat output	7 kW				Width	640 mm
Reduced heat output (33%)	2,4 kW				Depth	460 mm
Reduced heat output (70%)	-				Smoke flue diameter	150 mm
Max. stoking amount of the fuel	2,2 kg/hr				Weight	126 kg
Avg. temperature of combustion products behind the smoke flue neck	290 °C				Min. chimney stack draught in the smoke flue neck	10 Pa
Maximum, mass flow of dry combustion products	6,8 g/s				Heating capacity at 7,5 kW	Cca 140 m ³
Energy efficiency	80,7%				Range of outputs	2,4 – 7,5 kW
Average concentration of CO ₂	9,3%				CE	
Concentration of CO in combustion products at 13% O ₂	0,1%					



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