

3. Safety Distances

At the front and sides of the stove, no flammable, combustible or heat-sensitive materials (e.g. furniture, wood or plastic panelling, curtains, etc.) are to be located within a distance of 80 cm in the heat radiating area of the fire box window. (fig. 1).

In regards to flammable materials beyond the heat radiating area, a safety distance of 20 cm at the sides of and behind the stove has to be adhered to (fig.1).

WARNING!
Flammable flooring materials (e.g., wood, laminate, carpeting,) must be protected with a floorplate made of non-combustible material (e.g., tiles, safety glass, slate, or sheet steel).

The size of the floorplate must be larger than the base of the stove by at least 50 cm in front and at least 16 cm at the sides of the stove (fig. 2).

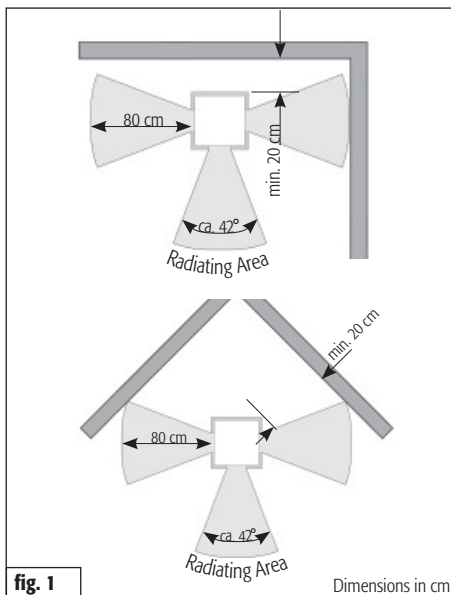


fig. 1

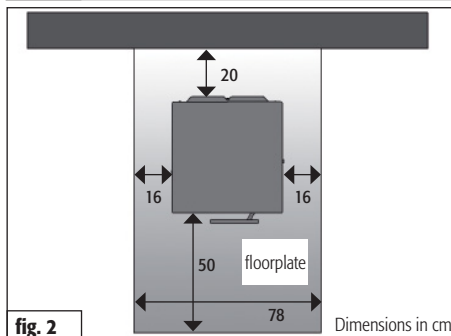


fig. 2

4. Fuel Load Sizes and Thermal Output

The thermal output depends on the amount of fuel you put in the stove. When adding more fuel, please do not exceed the maximum fuel load size of 2,5 kg. Exceeding the maximum fuel load size leads to a danger of overheating, which can result in damage to the stove and the risk of a stove fire.

NOTE!
To attain a thermal output of approx. 9 kWm, burn wood logs that weigh 2.5 kg and are no longer than 30 cm in length for about 55 min.

NOTE!
To attain a thermal output of approx. 4,5 kWm, burn wood logs that weigh 1 kg and are no longer than 25 cm in length for about 40 min.

The Modena is intended for intermittent operation, please only apply one fuel layer at a time.

9. Technical Data

The **Modena**, certified in compliance with **DIN-EN 13240 : 2001 + A2 2004 and Art. 15 a B-VG (Austria)**, can only be operated when the fire box is closed; more than one device can be connected to the chimney.

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The following data applies to the chimney characteristics in accordance with EN 13384-1 / 2:

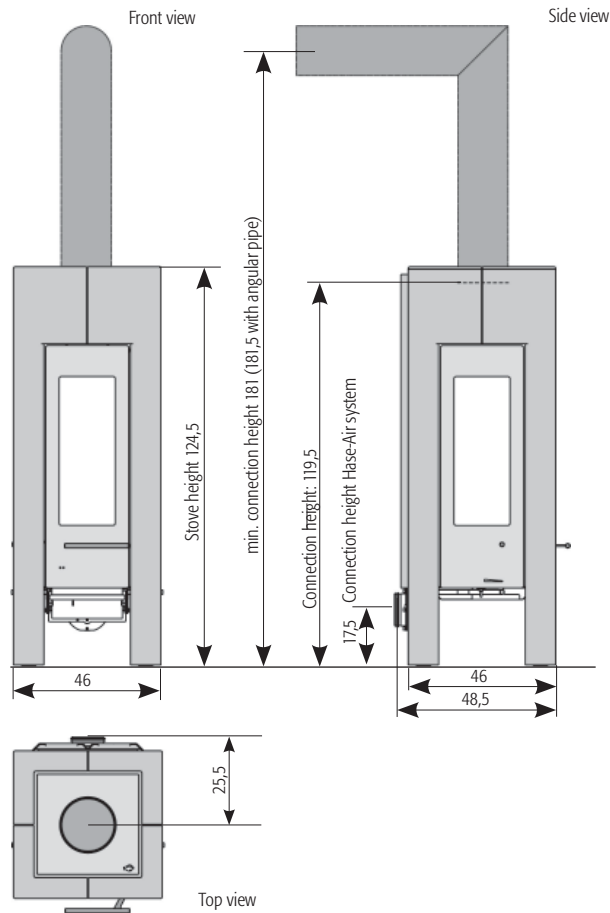
Combustion Values	Wood	
Nominal Thermal Output	8	kW
Waste Gas Mass Flow Rate	8,5	g/s
Waste Gas Outlet Temp.	350	°C
Min. Supply Pressure at Nominal Thermal Output	11	Pa
CO content at 13% O ₂	1125	mg/m ³
Efficiency	79	%
Particulate	62	mg/m ³

Depending on the insulation of the building, the nominal thermal output of **8 kW** indicated on **30 - 115 m²** (subject to change)

Dimensions:	Height	Width	Depth
Stove	124,5 cm	46 cm	48,5 cm
Fire box	51,5 cm	31,5 cm	31,5 cm

Weight:	162 kg
Fire Box Opening:	910 cm ²
Flue pipe diameter:	15 cm
Pipe diameter of Hase ventilation system*	10 cm

* For separate air supply in low-energy houses and insufficient combustion air supply in the room where the stove is installed



Dimensions in cm