

1. Installation Conditions and Relevant Building Regulations

The stove must be installed in accordance with the instructions and requirements stipulated by the respective national and European standards and local regulations.

In Germany, the stove must be registered with the local master chimney sweep for inspection prior to initial operation.

2. Safety and 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. 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 (see Fig. 3).

Children should never be left unattended near the burning stove.

In accordance with the German Combustion Ordinance Draft, flammable flooring materials (wood, laminate, carpeting, etc.) must be protected with a floor plate made of non-combustible material (tiles, safety glass, slate or sheet steel). If a floor plate is required, its size must match the rotating range of the stove.

 **Never turn stove when lighting fire!**

Modifying or making changes to the stove is not permitted. Only original replacement parts from Hase Kaminofenbau GmbH may be used.

When using a floor plate, the safety distances stipulated by DIN 18891 apply.

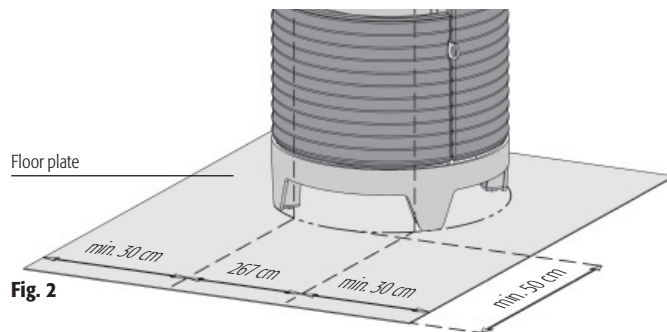


Fig. 2

Distances to Heat-sensitive and Combustible Materials

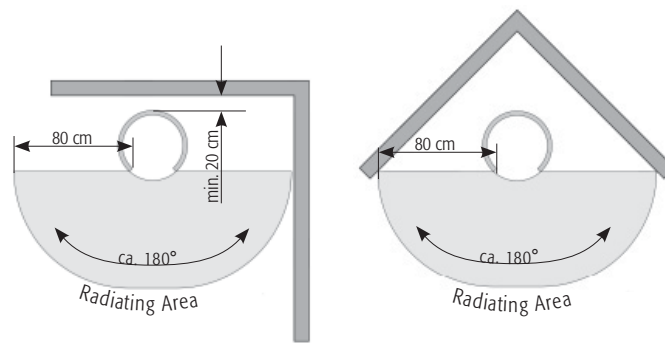


Fig. 3 Layout for Wall Location

Layout for Corner Location

The **Lisboa**, 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 and has to be connected to its own separate chimney.

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

Combustion Values	Wood	Briquette	
Nominal Thermal Output	7	7	kW
Waste Gas Mass Flow Rate	7,1	7,1	g/s
Waste Gas Outlet Temp.	322	322	°C
Min. Supply Pressure at Nominal Thermal Output	9	9	Pa
CO content at 13% O ₂	1138	1875	mg/m ³
Efficiency	86	86	%
Particulate	50	54	mg/m ³

Depending on the insulation of the building, the nominal thermal output of **7 kW** indicated on **25 - 95 m²** (subject to change).

Dimensions:	Height	Width	Depth
Stove	137,5 cm	45 cm	45 cm
Fire box	42 cm	21 cm	30 cm

Weight:	155 kg
Fire Box Opening:	928 cm ²
Flue pipe diameter:	15 cm

Stove's angle of rotation: 360° · Ex-works setting: 45° Can be stopped in place and locked right/left in 15° gradients. Observe safety distances to combustible or flammable materials!

