

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).

Never use spirits, petrol or other flammable fluids to light the stove. During operation, the external surfaces of the stove become very hot, thus the entire stove poses a burn hazard. To ensure the safe operation of this stove, a glove is included in the scope of delivery.

In case of a chimney fire:

- Ring the emergency telephone number to alert the fire brigade.
- Notify your chimney sweep.
- Never extinguish the fire with water!
- Remove any flammable objects located in the vicinity of the chimney.
- Wait for the fire brigade and chimney sweep to arrive.

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 apply.

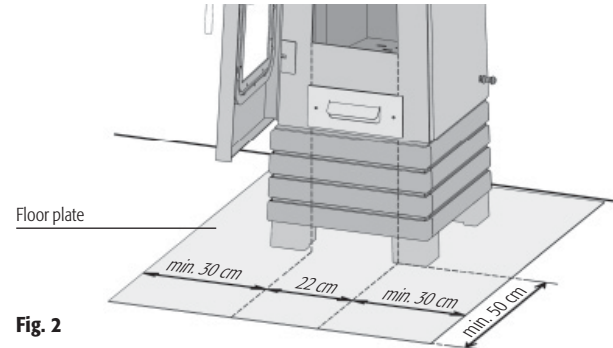


Fig. 2

Distances to Heat-sensitive and Combustible Materials

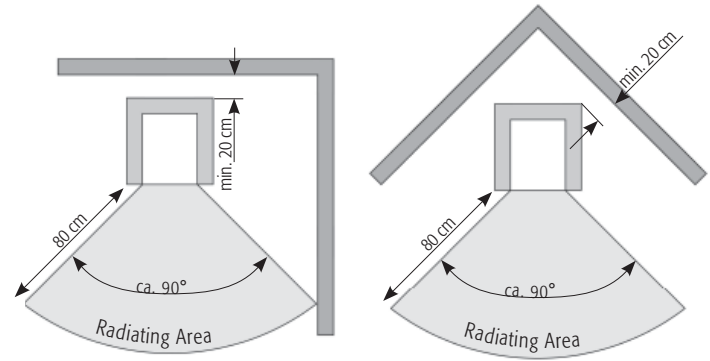


Fig. 3 Layout for Wall Location

Layout for Corner Location

Akaba Standard

The **Akaba**, 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.

VKF-No.: 15107; **Inspection Report No. (A):** FSPS-Wa-1366-A

Akaba direct vent stove

The **Akaba direct vent stove**, certified in compliance with **DIN-EN 13240, DIN 18897-1 and Art. 15 a B-VG (Austria)**, can only be operated when the fire box is closed; needs its own separate chimney.

VKF-No.: 15107; **Inspection Report No. (A):** FSPS-Wa-1366-A

Conforms with the DIBT (Deutschen Institut für Bautechnik/German Institute for Building Technology) approval criteria for direct vent fireplaces for solid fuels.

DIBT approval number: Z-43.12-186 Typ

FC41x und FC51x

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

Combustion Values	Wood	
Nominal Thermal Output	4	kW
Waste Gas Mass Flow Rate	4	g/s
Waste Gas Outlet Temp.	350	°C
Min. Supply Pressure at Nominal Thermal Output	10	Pa
CO content at 13% O2	1221	mg/m ³
Efficiency	82	%
Particulate	34	mg/m ³
Required combustion air volume at a max. supply pressure of 4Pa	11	m ³ /h

Depending on the insulation of the building, the nominal thermal output of **4 kW** indicated on **10 - 50 m²** (subject to change)

Dimensions:

	Height	Width	Depth
Stove	111,5 cm	41 cm	41 cm
Fire box	43 cm	20 cm	26 cm
Weight	118 kg		

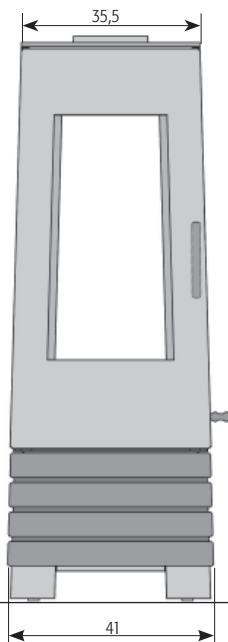
Connections:

Height for top installation	108 cm
Height for the inst. of Hase air system*	37,5 cm

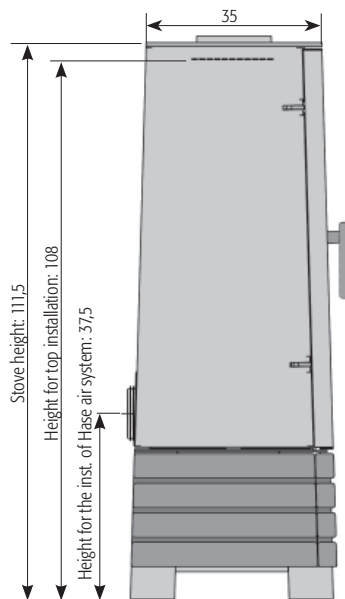
Fire Box Opening	775 cm ²
Flue pipe diameter	15 cm
Pipe diameter of Hase ventilation system*	10 cm

* For separate air supply in low-energy houses and insufficient combustion air supply in the room where the stove is installed (Akaba direct vent stove)

Front view



Side view



Top view

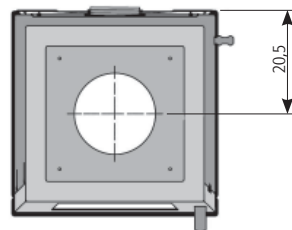


Fig. 6 Dimensions in cm