

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 or combustible 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.

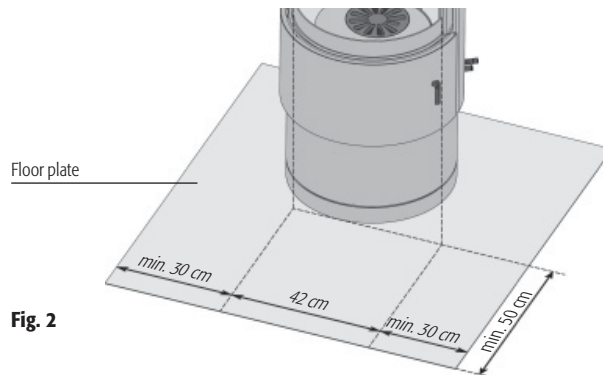


Fig. 2

Distances to Heat-sensitive and Combustible Materials

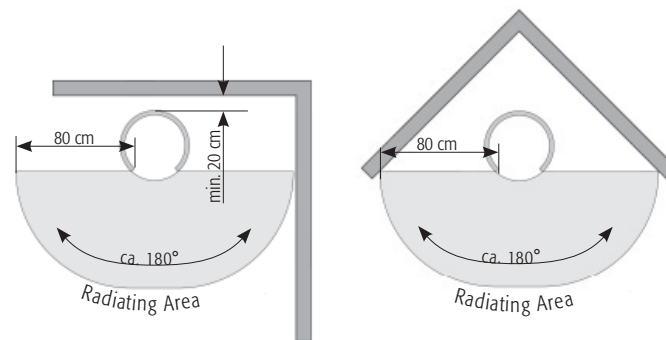


Fig. 3 Layout for Wall Location

Layout for Corner Location

The **Toronto**, 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	
Nominal Thermal Output	8	kW
Waste Gas Mass Flow Rate	6,9	g/s
Waste Gas Outlet Temp.	335	°C
Min. Supply Pressure at Nominal Thermal Output	12	Pa
CO content at 13% O ₂	1075	mg/m ³
Efficiency	82	%
Particulate	20	mg/m ³

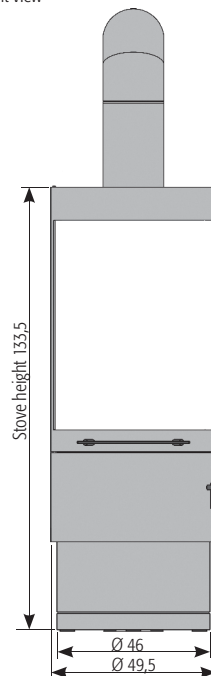
Depending on the insulation of the building, the nominal thermal output of **8 kW** indicated on **30 - 115 m²** (subject to change)

Dimensions:	Height	Width	Depth
Stove	133,5 cm	49,5 cm	56,5 cm
Fire box	55 cm	40 cm	35 cm

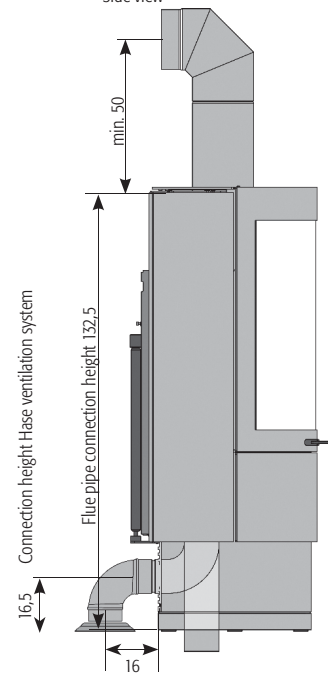
Weight:	205	kg
Fire Box Opening:	1050	cm ²
Flue pipe diameter:	18	cm
Pipe diameter of Hase ventilation system*:	10	cm

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

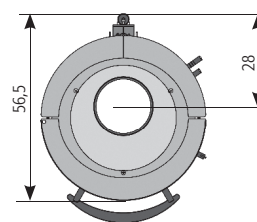
Front view



Side view



Top view



Dimensions in cm