

# SMIDSON

Product technical sheet (en)

Fireplace Stoves

**GRÖNLAND 4673-6**



# Technical parameters

## Power output

Rated output (kW)	6
Controlled power (kW)	3 - 8

## Dimensions

Height (1) x Width (2) x Depth (3) (mm)	1025 x 503 x 430
Maximum log length (mm)	340

## Weights depending on lining

Stone (kg)	158
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## Air

Central air supply (7) / diameter (mm)	yes / Ø 100
Secondary air supply / Secondary air control	yes / yes
Primary air control	yes
Tertiary air supply	yes
Air supply automatic control	no
Central air supply axis height (8) (mm)	158

## Parameters

Fuel: wood / brown coal briquettes [W / BCB]	
Consumption of acceptable fuel at nominal capacity (kg/hour) [W / BCB]	2 / 1,6
Heated volume (m <sup>3</sup> )	60 - 160
Energy power efficiency (%) [W / BCB]	83 / 80
Minimum chimney draft (Pa)	12
Flue gases temperature (°C) [W / BCB]	205 / 223
Weight flow of flue gases (g/s) [W / BCB]	-
CO concentration at 13% O <sub>2</sub> (mg/Nm <sup>3</sup> ) [W / BCB]	1188 / 1213
NOx concentration at 13% O <sub>2</sub> (mg/Nm <sup>3</sup> ) [W / BCB]	107 / 149
OGC concentration at 13% O <sub>2</sub> (mg/Nm <sup>3</sup> ) [W / BCB]	68 / 21
Dust concentration at 13% O <sub>2</sub> (mg/Nm <sup>3</sup> ) [W / BCB]	34 / 16
Continuous operation for 24 hours	yes
Multiple loading door closing	no

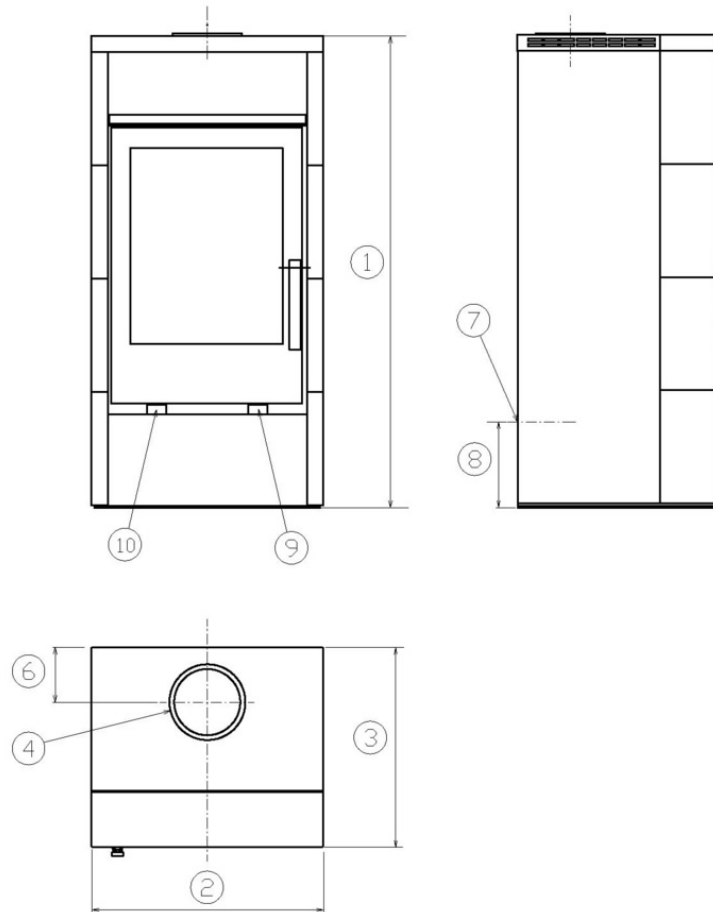
## Smoke duct

Smoke duct connection (4)	top
Smoke duct diameter (mm)	Ø 150
Distance of upper smoke duct axis (6) (mm)	119

## Tests

EN 13240:2001/A2:2004/AC:2007	yes
BvG §15a	yes
I. BImSchV Stufe 2	yes

## Dimensional sketch



## Additional information

1	height	1025 mm
2	width	503 mm
3	depth	430 mm
4	smoke duct	Ø 150 mm
6	distance of upper smoke duct axis	119 mm
7	central air supply	Ø 100 mm
8	central air supply axis height	158 mm
9	primary air supply control - rear open	
10	secondary air supply control - rear open	

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