



## Product technical sheet (en)

Fireplace Stoves

### **ARKTIS 4655-4-II**



# Technical parameters

## Power output

Rated output (kW)	5
Controlled power (kW)	2,5 - 7

## Dimensions

Height (1) x Width (2) x Depth (3) (mm)	985 x 523 x 384
Maximum log length (mm)	280

## Weights depending on lining

Stone (kg)	110
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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)	275

## Parameters

Fuel: wood / wooden briquettes / brown coal briquettes [W / WB / BCB]	
Consumption of acceptable fuel at nominal capacity (kg/hour) [W / WB / BCB]	1,7 / 1,7 / 1,4
Heated volume (m <sup>3</sup> )	50 - 140
Energy power efficiency (%) [W / WB / BCB]	81 / 81 / 81
Minimum chimney draft (Pa)	12
Flue gases temperature (°C) [W / WB / BCB]	216 / 216 / 219
Weight flow of flue gases (g/s) [W / WB / BCB]	5,8 / 5,8 / 6,5
CO concentration at 13% O <sub>2</sub> (mg/Nm <sup>3</sup> ) [W / WB / BCB]	1250 / 1250 / 771
NOx concentration at 13% O <sub>2</sub> (mg/Nm <sup>3</sup> ) [W / WB / BCB]	117 / 117 / 143
OGC concentration at 13% O <sub>2</sub> (mg/Nm <sup>3</sup> ) [W / WB / BCB]	48 / 48 / 13
Dust concentration at 13% O <sub>2</sub> (mg/Nm <sup>3</sup> ) [W / WB / BCB]	20 / 20 / 26
Continuous operation for 24 hours	yes
Multiple loading door closing	yes

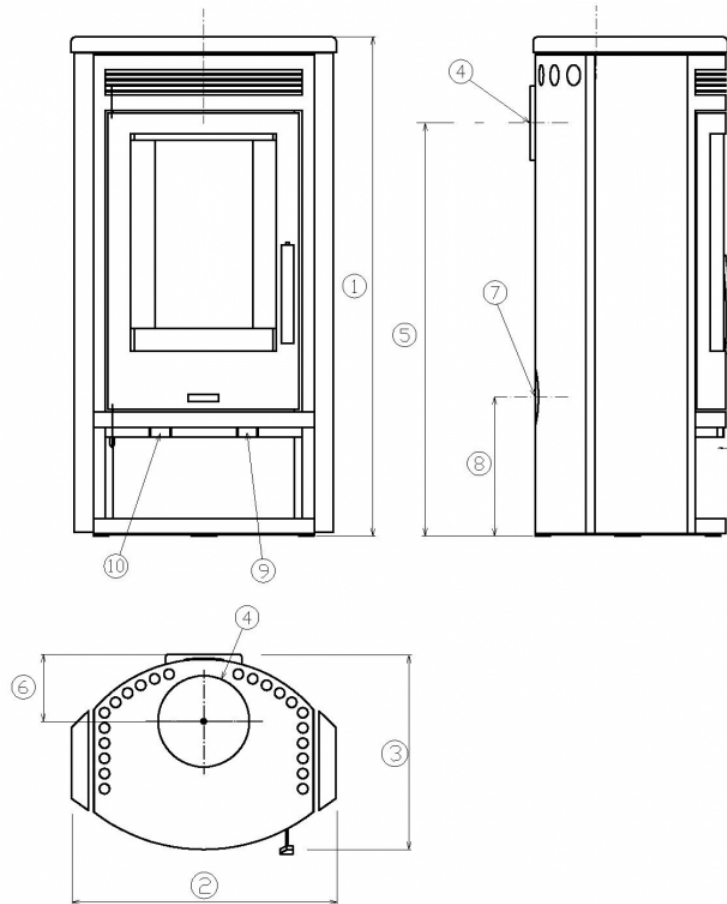
## Smoke duct

Smoke duct connection (4)	top/rear
Smoke duct diameter (mm)	Ø 150
Rear smoke duct axis height (5) (mm)	815
Distance of upper smoke duct axis (6) (mm)	125

## Tests

EN 13240:2001/A2:2004/AC:2007	yes
DIN+	yes
BvG §15a	yes
I. BImSchV Stufe 1	yes
I. BImSchV Stufe 2	yes

## Dimensional sketch



## Additional information

1	height	985 mm
2	width	523 mm
3	depth	384 mm
4	smoke duct	Ø 150 mm
5	rear smoke duct axis height	815 mm
6	distance of upper smoke duct axis	125 mm
7	central air supply	Ø 100 mm
8	central air supply axis height	275 mm
9	primary air supply control - rear open	
10	secondary air supply control - rear open	

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