

HAKA 89/45

Technical data

Version 2019/08

	operation when directly connected to chimney		operation when connected accumulation mass	
	cupola	hot air exchanger	cupola	adaptor
Energy label	A	A	A	A
Operating data				
Nominal heat power	9 kW	12 kW	---	---
Efficiency	> 80 %	> 80 %	---	---
Consumption of wood	2,5 kg/h	3,6 kg/h	5,5 kg	5,5 kg
Total heat output of the burning chamber	---	---	22 kW	22 kW
Mass flow of flue gas	8 g/s	10 g/s	20 g/s	20 g/s
Required chimney pressure	12 Pa	12 Pa	12 Pa	15 Pa
Required amount of combustion air	20 m ³ /h	40 m ³ /h	60 m ³ /h	60 m ³ /h
Average flue gas temperature				
on the output	270 °C	334 °C	396 °C	410 °C
past 3,6 m of ceramic accumulation system KMS 300 ¹	---	---	190 °C	---
past accumulation rings (5x acc. ring Ø440mm)	---	---	---	240 °C
Heat distribution				
fireplace insert	62–81 %	62–81 %	45 %	40 %
door glass (single / double)	38 / 19 %	38 / 19 %	38 / 19 %	38 / 19 %
adjoining accumulation mass	---	---	17–36 %	22–41 %

