

# ECKA 76/45/57Lh

## Technical data

Version 09/2023

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	operation when directly connected to chimney		operation when connected accumulation mass	
	cupola	hot air exchanger	cupola	adaptor
Energy label	<b>A+</b>	<b>A+</b>	<b>A+</b>	<b>A+</b>
<b>Operating data</b>				
Nominal heat power	8 kW	12 kW	---	---
Efficiency	> 80 %	> 80 %	---	---
Consumption of wood	2,4 kg/h	3,6 kg/h	5,5 kg	5,5 kg
Total heat output of the burning chamber	---	---	22 kW	22 kW
Average heat output / heat accumulation time <sup>5</sup>	---	---	2,2 kW / 8 h	2,2 kW / 8 h
Mass flow of flue gas	8 g/s	11 g/s	15 g/s	15 g/s
Required chimney pressure	12 Pa	12 Pa	12 Pa	15 Pa
Required amount of combustion air	25 m <sup>3</sup> /h	35 m <sup>3</sup> /h	50 m <sup>3</sup> /h	50 m <sup>3</sup> /h
<b>Average flue gas temperature</b>				
on the output	249 °C	280 °C	347 °C	354 °C
behind 3,4 m of ceramic accumulation system KMS 300 <sup>1</sup>	---	---	183 °C	---
behind accumulation rings (5x acc. ring Ø440mm)	---	---	---	210 °C
<b>Heat distribution</b>				
fireplace insert	58-70 %	58-70 %	34 %	32 %
door glass (single / double)	42 / 30 %	42 / 30 %	42 / 30 %	42 / 30 %
additional accumulation mass	---	---	24-36 %	26-38 %



Καύσιμη ύλη:	Ξύλο / Μπρικότα
Ποσοστό Καύσης:	81%
Απόδοση:	6 kW - 16 kW
Διαστάσεις:	Υ 1462 / Π 890 / Β 571
Βάρος:	298 Kg