

EU Declaration of Conformity (DoC)

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THIS DECLARATION OF CONFORMITY IS ISSUED UNDER OUR SOLE RESPONSIBILITY FOR THE FOLLOWING PRODUCT:

Trade name	Viking 40
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IDENTIFICATION OF PRODUCT



THE OBJECT OF THE DECLARATION DESCRIBED ABOVE IS IN CONFORMITY WITH THE RELEVANT UNION HARMONIZATION LEGISLATION (DIRECTIVE/S AND REGULATION/S)

EU 2015/1185	EU 305/2011
EU 2015/1186	EU 574/2014
EU 2017/ 1369	DIN EN 12815:2001/AC:2006
EU 2009/125	DIN EN 12815:2001/A1:2004/AC:2007

TECHNICAL DOCUMENTATION

Indirect heating functionality	No
Direct heat output	6,0 kW
Energy Efficiency Index	106
Test report	RRF-1514 3712-1;NB 1625

FUEL	PREFERRED FUEL	OTHER SUITABLE FUEL	η_s (%)	EMISSIONS AT NOMINAL HEAT OUTPUT			
				PM	OGC	CO	NO _x
				mg/ Nm ³ (13% O ₂)			
Wood logs with moisture content $\leq 25\%$	YES	NO	70	22	53	1000	133
Compressed wood with moisture content <12%	NO	NO					
Other woody biomass	NO	NO					
Non-wood biomass	NO	NO					
Anthracite and dry steam coal	NO	NO					
Hard coke	NO	NO					
Low temperature coke	NO	NO					
Bituminous coal	NO	NO					
Lignite briquettes	NO	NO					
Peat briquettes	NO	NO					
Blended fossil fuel briquettes	NO	NO					
Other fossil fuel	NO	NO					
Blended biomass and fossil fuel briquettes	NO	NO					

CHARACTERISTICS WHEN OPERATING WITH THE PREFERRED FUEL

ITEM	SYMBOL	VALUE	UNIT	TYPE OF HEAT OUTPUT/ROOM TEMPERATURE CONTROL
HEAT OUTPUT				Single stage heat output, no room temperature control
Nominal heat output	P_{nom}	6,0 kW	kW	Two or more manual stages, no room temperature control
USEFUL EFFICIENCY, BASED ON NET CALORIFIC VALUE (NCV)				With mechanic thermostat room temperature control
Useful efficiency at nominal heat output	$\eta_{th,nom}$	80	%	With electronic room temperature control
AUXILIARY ELECTRICITY CONSUMPTION				With electronic room temperature control plus day timer
At nominal heat output	$e_{l,max}$	-	kW	With electronic room temperature control plus week timer
At minimum heat output	$e_{l,min}$	-	kW	OTHER CONTROL OPTIONS
In standby mode	$e_{l,SB}$	-	kW	Room temperature control, with presence detection
				Room temperature control, with open window detection
				With distance control option
Specific precautions for assembly, installation, or maintenance.	Fire protection and safety distances to combustible building materials must be observed under all circumstances. A sufficient supply of combustion air must always be guaranteed. Air suction systems can interfere with the combustion air supply.			

The undersigned is responsible for the manufacture and conformity with the declared performance.

Mikael Andersson, Product manager, Josef Davidssons Efr AB – Reftele, 2022-05-19