

# 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	Heimdall 790
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	EN 12815:2001/A1:2004/AC:2007
EU 2015/1186	EU 574/2014	SS-EN 16510-2-3:2022
EU 2017/ 1369	EU 2009/125	

TECHNICAL DOCUMENTATION	
Indirect heating functionality	No
Direct heat output	5,7kW
Energy Efficiency Index	116
Test report	RISE O100115-1200521-3

FUEL	PREFERRED FUEL	OTHER SUITABLE FUEL	$\eta_s$ (%)	EMISSIONS AT NOMINAL HEAT OUTPUT			
				PM	OGC	CO	NO <sub>x</sub>
				mg/ Nm <sup>3</sup> (13% O <sub>2</sub> )			
Wood logs with moisture content $\leq 25\%$	YES	NO	70	33	113	1177	102
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	
<b>HEAT OUTPUT</b>				Single stage heat output, no room temperature control	No
Nominal heat output	$P_{nom}$	5,7 kW	kW	Two or more manual stages, no room temperature control	Yes
<b>USEFUL EFFICIENCY, BASED ON NET CALORIFIC VALUE (NCV)</b>				With mechanic thermostat room temperature control	No
Useful efficiency at nominal heat output	$\eta_{th,nom}$	80	%	With electronic room temperature control	No
<b>AUXILIARY ELECTRICITY CONSUMPTION</b>				With electronic room temperature control plus day timer	No
At nominal heat output	$e_{l,max}$	-	kW	With electronic room temperature control plus week timer	No
At minimum heat output	$e_{l,min}$	-	kW	<b>OTHER CONTROL OPTIONS</b>	
In standby mode	$e_{l,SB}$	-	kW	Room temperature control, with presence detection	No
				Room temperature control, with open window detection	No
				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, 2024-02-01