

## DECLARATION OF PERFORMANCE

according to Regulation (EU) 305/2011

6906-CPR-07.2013

1.)	Type	SONO / SONO RAO / SONO MA 6 kW		
2.)	Use of the construction product	room heater burning wood pellets without water supply		
3.)	Trade mark	RIKA Innovative Ofentechnik GmbH		
		Müllerviertel 20		
		4563 Micheldorf		
		Austria		
4.)	Authorised representative	Andreas Bloderer		
5.)	Systems of assessment and verification of constancy of performance of the construction product as set out in Annex V System 3			
6.)	The notified testing laboratory has carried out the initial test according to system 3			
	Notified body	Technische Universität Wien, Getreidemarkt 9/166, 1060 Wien, Austria		
	Notified body no.	1746		
	Test report no.	PL-19070-2-P		
	Date of the report	02.09.2019		
7.)	Harmonized technical specification	EN14785:2006		
8.)	<b>Essential characteristics</b>	<b>Performance</b>		
	<b>Fire safety</b>	<b>pass</b>		
	Reaction to fire	A1 to EN 13510-1		
	Safety distance to combustible material	Minimum distances in mm rear = 100 sides = 100 ceiling = 500 front = 800 floor = 12		
	Risk of burning fuel falling out	pass		
	Cleanability	pass		
	Emission of combustion products	pass		
	For nominal heat output	CO (13% O <sub>2</sub> )	< 0,02 % / < 0,25 g/Nm <sup>3</sup>	
	Flue gas temperature at nominal heat output in the measuring section	128,8 °C		
	Flue gas temperature at nominal heat output at the nozzle	155 °C		
	Surface temperature	pass		
	Electrical safety	pass		
	Release of hazardous substances	NPD		
	Max. operation pressure	n.A.		
	Mechanical resistance (to carry a chimney/flue)	NPD		
	<b>Thermal output/Energy efficiency</b>	<b>pass</b>		
	Nominal heat output	6 kW		
	Part-load heat output	2,5 kW		
	Nominal room heating output	6 kW		
	Part-load room heating output	2,5 kW		
	Nominal water heating output	n.A.		
Part-load water heating output	n.A.			
Efficiency $\eta$	Nominal heat output	93%		
	Part-load heat output	94,2 %		
Durability	NPD			
9.)	The performance of the product according to points 1 and 2 corresponds to the declared performance according to point 8. The sole responsibility for drawing up this declaration of performance in accordance with Regulation (EU) No 305/2011 lies with the manufacturer referred to in point 3.			

Signed for and on behalf of the manufacturer by:  
Andreas Bloderer / product management  
Micheldorf, 03.05.2022

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