

## DECLARATION OF PERFORMANCE

according to Regulation (EU) 305/2011  
16-CPR-07.2013

1.)	Type	SOL	
2.)	Use of the construction product	room heater in residential buildings	
3.)	Manufacturers	RIKA Innovative Ofentechnik GmbH Müllerviertel 20 A-4563 Micheldorf	
4.)	Authorised representative	Andreas Bloderer	
5.)	Systems of assessment and verification of constancy of performance of the construction product	System 3	
6.)	The notified testing laboratory has carried out the initial test according to system 3. Notified body no.	1746	
	Test report no.	PL-25026-37-P	
7.)	Harmonized technical specification	EN 16510-2-1:2022	
8.)	<b>Essential characteristics</b>		
	<b>Mechanical strength and stability</b>		
	Carrying capacity	25 kg	
	<b>Fire protection</b>		
	Safety distance to combustible material Minimum distance	d <sub>R</sub> = rear	150 mm
		d <sub>S</sub> = side	150 mm
		d <sub>C</sub> = ceiling	500 mm
		d <sub>P</sub> = to adjacent combustible materials (e.g. furniture)	800 mm
		d <sub>F</sub> = floor in front	0 mm
		d <sub>L</sub> = side radiation area	0 mm
		d <sub>B</sub> = bottom	0 mm
		Material type and thickness of the protective insulation material	NPD
	<b>Hygiene, health, and environmental protection</b>		
	<b>Emissions at nominal heat output at 13% O<sub>2</sub></b>		
	Carbon monoxide (CO)	786 mg/Nm <sup>3</sup>	
	Nitrogen (NO <sub>x</sub> )	124 mg/Nm <sup>3</sup>	
	Organic gaseous carbon (OGC)	40 mg/Nm <sup>3</sup>	
	Dust (PM)	28 mg/Nm <sup>3</sup>	
	<b>Emissions at reduced heat output at 13% O<sub>2</sub></b>		
	Carbon monoxide (CO)	1114 mg/Nm <sup>3</sup>	
	Nitrogen (NO <sub>x</sub> )	104 mg/Nm <sup>3</sup>	
	Organic gaseous carbon (OGC)	65 mg/Nm <sup>3</sup>	
	Dust (PM)	22 mg/Nm <sup>3</sup>	
	<b>Safety and accessibility during use</b>		
	<b>Data on installation on a chimney at nominal heat output</b>		
	Temperature at the exhaust pipe	297 °C	
	Minimum delivery pressure	12 Pa	
	Exhaust gas mass flow	7,1 g/s	
	<b>Data on installation on a chimney at reduced heat output</b>		
	Temperature at the exhaust pipe	283 °C	
	Minimum delivery pressure	6 Pa	
	Exhaust gas mass flow	3,9 g/s	
<b>Data on installation on a chimney with regard to fire safety</b>			
Fire safety for installation on the chimney	T400G		
<b>Energy savings and thermal insulation</b>			
<b>Heat output and energy efficiency of the device at nominal heat output</b>			
Space heating capacity	8,0 kW		
Water heating capacity	NPD		
Efficiency	83,4 %		
<b>Heat output and energy efficiency of the device at reduced heat output</b>			
Space heating capacity	4,0 kW		
Water heating capacity	NPD		
Efficiency	83,6 %		
<b>Space heating efficiency</b>			
Annual space heating efficiency at nominal heat output	73 %		
Energy efficiency	Energy-Efficiency-Index (EEI)	111	
	Energy-Efficiency-Class	A+	
Power consumption at nominal heat output	- kW		
Power consumption at reduced heat output	- kW		
Power consumption in standby mode	- kW		
<b>Sustainable use of natural resources</b>			
Ecological sustainability	NPD		
9.)	The performance of the above product corresponds to the declared performance/performances. The above-mentioned manufacturer is solely responsible for preparing the declaration of performance in accordance with Regulation (EU) No. 305/2011.		

Signed on behalf of the manufacturer

Andreas Bloderer / product management  
Micheldorf, 20.03.2026



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