

# DECLARATION OF PERFORMANCE

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

1.)	Type	TRIO RIKAir		
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.	0051		
	Test report no.	n.A.		
7.)	Harmonized technical specification	EN 16510-2-1:2022		
8.)	<b>Essential characteristics</b>			
	<b>Mechanical strength and stability</b>			
	Carrying capacity	0 kg		
	<b>Fire protection</b>			
	Safety distance to combustible material Minimum distance	d <sub>R</sub> = rear	100 mm	
		d <sub>S</sub> = side	100 mm	
		d <sub>C</sub> = ceiling	750 mm	
		d <sub>P</sub> = floor in front	800 mm	
		d <sub>F</sub> = side	200 mm	
		d <sub>L</sub> = side radiation area	200 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)	<=1250 mg/Nm <sup>3</sup>		
	Nitrogen (NO <sub>x</sub> )	<=200 mg/Nm <sup>3</sup>		
	Organic gaseous carbon (OGC)	<=120 mg/Nm <sup>3</sup>		
	Dust (PM)	<=40 mg/Nm <sup>3</sup>		
	<b>Emissions at reduced heat output at 13% O<sub>2</sub></b>			
	Carbon monoxide (CO)	<=1250 mg/Nm <sup>3</sup>		
	Nitrogen (NO <sub>x</sub> )	<=200 mg/Nm <sup>3</sup>		
	Organic gaseous carbon (OGC)	<=120 mg/Nm <sup>3</sup>		
	Dust (PM)	<=40 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	~ 220 °C		
	Minimum delivery pressure	12 Pa		
Exhaust gas mass flow	~7,3 g/s			
<b>Data on installation on a chimney at reduced heat output</b>				
Temperature at the exhaust pipe	~ 200 °C			
Minimum delivery pressure	12 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	>=80 %			
<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	>=80 %			
<b>Space heating efficiency</b>				
Annual space heating efficiency at nominal heat output	>=70 %			
Energy efficiency	Energy-Efficiency-Index (EEI)	>=107 - <130		
	Energy-Efficiency-Class	A+		
Power consumption at nominal heat output	0,006 kW			
Power consumption at reduced heat output	0,006 kW			
Power consumption in standby mode	0,003 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, 01.09.2025



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