

DECLARATION OF PERFORMANCE

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

1.)	Type	SOL R4	
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.)	Essential characteristics		
	Mechanical strength and stability		
	Carrying capacity	25 kg	
	Fire protection		
	Safety distance to combustible material Minimum distance	d _R = rear	150 mm
		d _S = side	150 mm
		d _C = ceiling	500 mm
		d _P = to adjacent combustible materials (e.g. furniture)	800 mm
		d _F = floor in front	0 mm
		d _L = side radiation area	0 mm
		d _B = bottom	0 mm
		Material type and thickness of the protective insulation material	NPD
	Hygiene, health, and environmental protection		
	Emissions at nominal heat output at 13% O₂		
	Carbon monoxide (CO)	786 mg/Nm ³	
	Nitrogen (NO _x)	124 mg/Nm ³	
	Organic gaseous carbon (OGC)	40 mg/Nm ³	
	Dust (PM)	28 mg/Nm ³	
	Emissions at reduced heat output at 13% O₂		
	Carbon monoxide (CO)	1114 mg/Nm ³	
	Nitrogen (NO _x)	104 mg/Nm ³	
	Organic gaseous carbon (OGC)	65 mg/Nm ³	
	Dust (PM)	22 mg/Nm ³	
	Safety and accessibility during use		
	Data on installation on a chimney at nominal heat output		
	Temperature at the exhaust pipe	297 °C	
	Minimum delivery pressure	12 Pa	
	Exhaust gas mass flow	7,1 g/s	
	Data on installation on a chimney at reduced heat output		
	Temperature at the exhaust pipe	283 °C	
	Minimum delivery pressure	6 Pa	
	Exhaust gas mass flow	3,9 g/s	
	Data on installation on a chimney with regard to fire safety		
Fire safety for installation on the chimney	T400G		
Energy savings and thermal insulation			
Heat output and energy efficiency of the device at nominal heat output			
Space heating capacity	8,0 kW		
Water heating capacity	NPD		
Efficiency	83,4 %		
Heat output and energy efficiency of the device at reduced heat output			
Space heating capacity	4,0 kW		
Water heating capacity	NPD		
Efficiency	83,6 %		
Space heating efficiency			
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	0,003 kW		
Power consumption at reduced heat output	0,003 kW		
Power consumption in standby mode	0,002 kW		
Sustainable use of natural resources			
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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