



26

RIKA Innovative Ofentechnik GmbH  
AT-4563 Micheldorf, Müllerviertel 20

regarding EN 16510-2-6:2022 under regulation (EU) 305/2011

**DoP:** 16-CPR-07.2013  
**Notified Body:** 1746  
**Intended use:** Space heating in residential buildings without possible supply of hot water  
**Name:** SOL R4

**IMPORTANT ASPECTS****MECHANICAL STRENGTH AND STABILITY**

Carrying capacity 25 kg

**FIRE SAFETY**

Safety distance to combustible material	$d_R$ = from the back to combustible materials	150 mm
	$d_S$ = from the sides to flammable materials	150 mm
	$d_C$ = from the top to flammable materials in the ceiling	500 mm
	$d_F$ = from the front to flammable materials	800 mm
	$d_L$ = from the front to flammable materials in the lower front radiation area	0 mm
	$d_L$ = from the front to flammable materials in the lateral front radiation area	0 mm
	$d_B$ = below the floor (without feet) to combustible materials	0 mm

**HYGIENE, HEALTH AND ENVIRONMENTAL PROTECTION**

Emissions at nominal heat output (based on 13% O <sub>2</sub> )	CO	786 mg/Nm <sup>3</sup>
	NOX	124 mg/Nm <sup>3</sup>
	OGC	40 mg/Nm <sup>3</sup>
	PM	28 mg/Nm <sup>3</sup>
Emissions at reduced heat output (based on 13% O <sub>2</sub> )	CO	1114 mg/Nm <sup>3</sup>
	NOX	104 mg/Nm <sup>3</sup>
	OGC	65 mg/Nm <sup>3</sup>
	PM	22 mg/Nm <sup>3</sup>

**SAFETY AND ACCESSIBILITY DURING USE**

Data for installation on a chimney at nominal heat output	Temperature at the flue gas connection	297,0 °C
	Minimum conveying pressure	12 Pa
	Flue gas mass flow	7,1 g/S
Data for installation on a chimney at reduced heat output	Temperature at the flue gas connection	283,0 °C
	Minimum conveying pressure	6 Pa
	Flue gas mass flow	3,9 g/S
Data for installation on a chimney regarding fire safety	Class	T400G

**ENERGY SAVINGS AND THERMAL INSULATION**

Heat output and energy efficiency of the appliance at nominal heat output	Room heat output	8,0 kw
	Efficiency	83,4 %
Heat output and energy efficiency of the appliance at reduced heat output	Room heat output	4,0 kw
	Efficiency	83,6 %
Space heating efficiency	Annual space heating efficiency at nominal heat output	73 %
	Energy Efficiency Index (EEI)	111
	Energy efficiency class	A+
	Power consumption at nominal heat output	0,003 kw
	Power consumption at partial load heat output	0,003 kw
	Power consumption in standby mode	0,002 kw

Please read manufacturer's operating instructions carefully before installing



Signed on behalf of the manufacturer

Andreas Bloderer / product manager

Name and function

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