



26

RIKA Innovative Ofentechnik GmbH
AT-4563 Micheldorf, Müllerviertel 20

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

DoP: 46-CPR-07.2013
Notified Body: 1746
Intended use: Space heating in residential buildings without possible supply of hot water
Name: STEP

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 ₂)	CO	605 mg/Nm ³
	NOX	106 mg/Nm ³
	OGC	20 mg/Nm ³
	PM	20 mg/Nm ³
Emissions at reduced heat output (based on 13% O ₂)	CO	317 mg/Nm ³
	NOX	109 mg/Nm ³
	OGC	9 mg/Nm ³
	PM	20 mg/Nm ³

SAFETY AND ACCESSIBILITY DURING USE

Data for installation on a chimney at nominal heat output	Temperature at the flue gas connection	265,0 °C
	Minimum conveying pressure	12 Pa
	Flue gas mass flow	6,9 g/S
Data for installation on a chimney at reduced heat output	Temperature at the flue gas connection	281,0 °C
	Minimum conveying pressure	Pa
	Flue gas mass flow	6,2 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	81,3 %
Heat output and energy efficiency of the appliance at reduced heat output	Room heat output	4,0 kw
	Efficiency	80,5 %
Space heating efficiency	Annual space heating efficiency at nominal heat output	71 %
	Energy Efficiency Index (EEI)	108
	Energy efficiency class	A+
	Power consumption at nominal heat output	- kw
	Power consumption at partial load heat output	- kw
	Power consumption in standby mode	- 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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