CE

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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:	ECO II

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_P = from the front to flammable materials	800 mm
	d_F = 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	786 mg/Nm³
	NOX	124 mg/Nm³
	OGC	40 mg/Nm³
	PM	28 mg/Nm³
Emissions at reduced heat output (based on 13% O_2)	CO	1114 mg/Nm³
	NOX	104 mg/Nm³
	OGC	65 mg/Nm³
	PM	22 mg/Nm³

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	- 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

RIKA®
Innovative Ofentechnik GmbH
A-4563 Micheldorf, Müllerviertel 20
Tel.: +43 (0)7582/686-14, Fax DW: -43
www.rika.at

Micheldorf, 20.03.2026

Place and date of issue