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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: 92-CPR-07.2013
Notified Body: 0051
Intended use: Space heating in residential buildings without possible supply of hot water
Name: TRIO

IMPORTANT ASPECTS**MECHANICAL STRENGTH AND STABILITY**

Carrying capacity 0 kg

FIRE SAFETY

Safety distance to combustible material	d_R = from the back to combustible materials	100 mm
	d_S = from the sides to flammable materials	100 mm
	d_C = from the top to flammable materials in the ceiling	750 mm
	d_P = from the front to flammable materials	800 mm
	d_L = from the front to flammable materials in the lower front radiation area	200 mm
	d_L = from the front to flammable materials in the lateral front radiation area	200 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	$\leq 1250 \text{ mg/Nm}^3$
	NOX	$\leq 200 \text{ mg/Nm}^3$
	OGC	$\leq 120 \text{ mg/Nm}^3$
	PM	$\leq 40 \text{ mg/Nm}^3$
Emissions at reduced heat output (based on 13% O ₂)	CO	$\leq 1250 \text{ mg/Nm}^3$
	NOX	$\leq 200 \text{ mg/Nm}^3$
	OGC	$\leq 120 \text{ mg/Nm}^3$
	PM	$\leq 40 \text{ mg/Nm}^3$

SAFETY AND ACCESSIBILITY DURING USE

Data for installation on a chimney at nominal heat output	Temperature at the flue gas connection	$\sim 200 \text{ }^\circ\text{C}$
	Minimum conveying pressure	12 Pa
	Flue gas mass flow	$\sim 7,3 \text{ g/s}$
Data for installation on a chimney at reduced heat output	Temperature at the flue gas connection	$\sim 200 \text{ }^\circ\text{C}$
	Minimum conveying pressure	12 Pa
	Flue gas mass flow	$\sim 7,3 \text{ Pa}$
Data for installation on a chimney regarding fire safety	Class	T 400G

ENERGY SAVINGS AND THERMAL INSULATION

Heat output and energy efficiency of the appliance at nominal heat output	Room heat output	8,0 kw
	Efficiency	$\geq 80 \%$
Heat output and energy efficiency of the appliance at reduced heat output	Room heat output	4,0 kw
	Efficiency	$\geq 80 \%$
Space heating efficiency	Annual space heating efficiency at nominal heat output	$\geq 70 \%$
	Energy Efficiency Index (EEI)	$\geq 107 - < 130$
	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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