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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: 28-CPR-07.2013
Notified Body: 1746
Intended use: Space heating in residential buildings without possible supply of hot water
Name: ALPHA 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	200 mm
	d_S = from the sides to flammable materials	200 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	978 mg/Nm ³
	NOX	86 mg/Nm ³
	OGC	55 mg/Nm ³
	PM	30 mg/Nm ³
Emissions at reduced heat output (based on 13% O ₂)	CO	- mg/Nm ³
	NOX	- mg/Nm ³
	OGC	- mg/Nm ³
	PM	- mg/Nm ³

SAFETY AND ACCESSIBILITY DURING USE

Data for installation on a chimney at nominal heat output	Temperature at the flue gas connection	240,0 °C
	Minimum conveying pressure	12 Pa
	Flue gas mass flow	6,3 g/S
Data for installation on a chimney at reduced heat output	Temperature at the flue gas connection	- °C
	Minimum conveying pressure	- Pa
	Flue gas mass flow	- g/S
Data for installation on a chimney regarding fire safety	Class	-

ENERGY SAVINGS AND THERMAL INSULATION

Heat output and energy efficiency of the appliance at nominal heat output	Room heat output	7,0 kw
	Efficiency	80,9 %
Heat output and energy efficiency of the appliance at reduced heat output	Room heat output	- kw
	Efficiency	- %
Space heating efficiency	Annual space heating efficiency at nominal heat output	71 %
	Energy Efficiency Index (EEI)	107
	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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