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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: 0041-CPR-07.2013

Notified Body: 1746

Intended use: Space heating in residential buildings without possible supply of hot water

Name: SUMO (RAO / MA)

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	100 mm
	d_S = from the sides to flammable materials	100 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	31 mg/Nm³
	NOX	123 mg/Nm³
	OGC	2 mg/Nm³
	PM	13 mg/Nm³
Emissions at reduced heat output (based on 13% O_2)	CO	188 mg/Nm³
	NOX	57 mg/Nm³
	OGC	5 mg/Nm³
	PM	26 mg/Nm³
SAFETY AND ACCESSIBILITY DURING USE		
Data for installation on a chimney at nominal heat output	Temperature at the flue gas connection	171,0 °C
	Minimum conveying pressure	12 Pa
	Flue gas mass flow	5,7 g/S
Data for installation on a chimney at reduced heat output	Temperature at the flue gas connection	68,0 °C
	Minimum conveying pressure	10 Pa
	Flue gas mass flow	2 g/S
Data for installation on a chimney regarding fire safety	Class	T200G
ENERGY SAVINGS AND THERMAL INSULATION		
Heat output and energy efficiency of the appliance at nominal heat output	Room heat output	9,0 kw
	Efficiency	90,8 %
Heat output and energy efficiency of the appliance at reduced heat output	Room heat output	2,7 kw
	Efficiency	96,3 %
Space heating efficiency	Annual space heating efficiency at nominal heat output	80 %
	Energy Efficiency Index (EEI)	121
	Energy efficiency class	A+
	Power consumption at nominal heat output	0,015 kw
	Power consumption at partial load heat output	0,014 kw
	Power consumption in standby mode	0,004 kw

Please read manufacturer´s operating instructions carefully before installing

RIKA®

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Signed on behalf of the manufacturer

Andreas Bloderer / product manager

Name and function

Micheldorf, 31.10.2025

Place and date of issue