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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:

6060-CPR-07.2013

Notified Body:

1746

Intended use:

Space heating in residential buildings without possible supply of hot water

Name:

PARO / PARO MA (EN16510-2-6)

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% O₂)

CO	29 mg/Nm ³
NOX	92 mg/Nm ³
OGC	1 mg/Nm ³
PM	8 mg/Nm ³

Emissions at reduced heat output
(based on 13% O₂)

CO	143 mg/Nm ³
NOX	94 mg/Nm ³
OGC	3 mg/Nm ³
PM	30 mg/Nm ³

SAFETY AND ACCESSIBILITY DURING USE

Data for installation on a chimney
at nominal heat output

Temperature at the flue gas connection	166,0 °C
Minimum conveying pressure	12 Pa
Flue gas mass flow	5,8 g/S

Data for installation on a chimney
at reduced heat output

Temperature at the flue gas connection	122,0 °C
Minimum conveying pressure	10 Pa
Flue gas mass flow	1,8 g/S

Data for installation on a chimney regarding fire safety

Class	T400G
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ENERGY SAVINGS AND THERMAL INSULATION

Heat output and energy efficiency of the appliance
at nominal heat output

Room heat output	8,0 kw
Efficiency	90 %

Heat output and energy efficiency of the appliance
at reduced heat output

Room heat output	2,5 kw
Efficiency	94,4 %

Space heating efficiency

Annual space heating efficiency at nominal heat output	80 %
Energy Efficiency Index (EEI)	120
Energy efficiency class	A+
Power consumption at nominal heat output	0,014 kw
Power consumption at partial load heat output	0,011 kw
Power consumption in standby mode	0,004 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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