



26

RIKA Innovative Ofentechnik GmbH
AT-4563 Micheldorf, Müllerviertel 20

regarding EN 16510-2-6:2022 under regulation (EU) 305/2011

DoP: 1506-CPR-07.2013

Notified Body: 1746

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

Name: IMPOSA R3 6 kW

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_F = from the front to flammable materials	800 mm
	d_L = from the front to flammable materials in the lower front radiation area	0 mm
	d_B = 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	1159 mg/Nm ³
NOX	101 mg/Nm ³
OGC	79 mg/Nm ³
PM	26 mg/Nm ³

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

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	226,0 °C
Minimum conveying pressure	12 Pa
Flue gas mass flow	7 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	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	6,0 kw
Efficiency	81,1 %

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	0,003 kw
Power consumption at partial load heat output	0,003 kw
Power consumption in standby mode	0,002 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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