



RIKA Innovative Ofentechnik GmbH  
AT-4563 Micheldorf, Müllerviertel GmbH

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EN13240:2001/A2:2004/AC:2007

Notified Body: 1746

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

Name: IMPOSA R3

Description: space heating appliances fired by wood logs - system 3

Height	1193 mm	
Width	578 mm	
Depth	516 mm	
Fire safety	pass	
Safety distance to combustible material	rear	200 mm
	sides	200 mm
	top	500 mm
	front	800 mm
	floor	0 mm
Emission of combustion products	pass	
CO-Emission at nominal heat output	< 0,12 %	
CO-Emission at nominal heat output	< 1,25 g/Nm <sup>3</sup>	
Release of dangerous substances	NPD	
Surface temperature	pass	
Electrical safety	pass (*)	
Cleanability	pass	
Durability	pass	
Mechanical resistance (to carry chimney)	NPD	
Maximum operating pressure	not applicable	
Flue gas temperature at the measuring section at nominal heat output	231,9 °C	
Flue gas temperature outlet at nominal heat output	278,3 °C	
Thermal output	pass	
Nominal- / part load heat output	10 kW	5 kW
Nominal- / part load space heat output	10 kW	5 kW
Nominal- / part load water heat get output folder path	not applicable	not applicable
Efficiency	pass	
Nominal- / part load Efficiency	81,9 %	81,7 %
recommended fuel type	wood logs	
Suitability for installation to a shared flue system	yes	
Emission (addition)		
CO wood logs	g/Nm <sup>3</sup>	< 1,25
PM wood logs	g/Nm <sup>3</sup>	< 0,04
OGC wood logs	g/Nm <sup>3</sup>	< 0,12
NO <sub>x</sub> wood logs	g/Nm <sup>3</sup>	< 0,20
Emission (requirements according AT 15A)		
CO wood logs	mg/MJ	< 1100
PM wood logs	mg/MJ	< 35
OGC wood logs	mg/MJ	< 50
NO <sub>x</sub> wood logs	mg/MJ	< 150
<b>Pleas read manufacturer´s operating instructions carefully before installing and using the appliance!</b>		

(\*) only for models with RIKATRONIC



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Signed on behalf of the manufacturer

Andreas Bloderer / product manager

Name and function

Micheldorf, 16.12.2021

Place and date of issue