



RIKA Innovative Ofentechnik GmbH  
AT-4563 Micheldorf, Müllerviertel GmbH  
15  
0041-CPR-07.2013

<b>EN14785:2006</b>		
<b>Notified Body:</b>	1746	
<b>Intended use:</b>	Space heating in residential buildings without possible supply of hot water	
<b>Name:</b>	SUMO / SUMO RAO / SUMO MA	
<b>Description:</b>	space heating appliances fired by wood pellets - system 3	
<b>Height</b>	1148 mm	
<b>Width</b>	520 mm	
<b>Depth</b>	585 mm	
<b>Fire safety</b>	pass	
Safety distance to combustible material	rear	100 mm
	sides	100 mm
	top	500 mm
	front	800 mm
	floor	12 mm
<b>Emission of combustion products</b>	pass	
CO-Emission at nominal heat output	< 0,02 %	
CO-Emission at nominal heat output	< 0,25 g/Nm <sup>3</sup>	
<b>Release of dangerous substances</b>	NPD	
<b>Surface temperature</b>	pass	
<b>Electrical safety</b>	pass	
<b>Cleanability</b>	pass	
<b>Durability</b>	pass	
<b>Mechanical resistance (to carry chimney)</b>	NPD	
<b>Maximum operating pressure</b>	not applicable	
<b>Flue gas temperature at the measuring section at nominal heat output</b>	168,9 °C	
<b>Flue gas temperature outlet at nominal heat output</b>	202,7 °C	
<b>Thermal output</b>	pass	
Nominal- / part load heat output	9 kW	2,7 kW
Nominal- / part load space heat output	9 kW	2,7 kW
Nominal- / part load water heat get output folder path	not applicable	not applicable
<b>Efficiency</b>	pass	
Nominal- / part load Efficiency	90,8 %	96,3 %
<b>recommended fuel type</b>	wood pellets (ISO 17225-2)	
<b>Suitability for installation to a shared flue system</b>	yes	
Emission (addition)		
CO wood pellets	g/Nm <sup>3</sup>	< 0,25
PM wood pellets	g/Nm <sup>3</sup>	< 0,02
OGC wood pellets	g/Nm <sup>3</sup>	< 0,06
NO <sub>x</sub> wood pellets	g/Nm <sup>3</sup>	< 0,20
Emission (requirements according AT 15A)		
CO wood pellets	mg/MJ	< 500
PM wood pellets	mg/MJ	< 25
OGC wood pellets	mg/MJ	< 30
NO <sub>x</sub> wood pellets	mg/MJ	< 100
<b>Pleas read manufacturer's operating instructions carefully before installing and using the appliance!</b>		



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Signed on behalf of the manufacturer

Andreas Bloderer / product manager

Name and function

Micheldorf, 14.12.2021

Place and date of issue