



RIKA Innovative Ofentechnik GmbH
AT-4563 Micheldorf, Müllerviertel GmbH
19
69-CPR-07.2013

EN14785:2006		
Notified Body:	1746	
Intended use:	Space heating in residential buildings without possible supply of hot water	
Name:	SONO / SONO RAO / SONO MA	
Description:	space heating appliances fired by wood pellets - system 3	
Height	1051 mm	
Width	694 mm	
Depth	AH: 390 RAO: 470 mm	
Fire safety	pass	
Safety distance to combustible material	rear	100 mm
	sides	100 mm
	top	500 mm
	front	800 mm
	floor	12 mm
Emission of combustion products	pass	
CO-Emission at nominal heat output	< 0,02 %	
CO-Emission at nominal heat output	< 0,25 g/Nm ³	
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	142,5 °C	
Flue gas temperature outlet at nominal heat output	171 °C	
Thermal output	pass	
Nominal- / part load heat output	7 kW	2,5 kW
Nominal- / part load space heat output	7 kW	2,5 kW
Nominal- / part load water heat get output folder path	not applicable	not applicable
Efficiency	pass	
Nominal- / part load Efficiency	92,5 %	94,2 %
recommended fuel type	wood pellets (ISO 17225-2)	
Suitability for installation to a shared flue system	yes	
Emission (addition)		
CO wood pellets	g/Nm ³	< 0,25
PM wood pellets	g/Nm ³	< 0,02
OGC wood pellets	g/Nm ³	< 0,06
NO _x wood pellets	g/Nm ³	< 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 _x wood pellets	mg/MJ	< 100
Pleas read manufacturer's operating instructions carefully before installing and using the appliance!		



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Signed on behalf of the manufacturer

Andreas Bloderer / product manager

Name and function

Micheldorf, 09.12.2021

Place and date of issue