



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 PM wood pellets OGC wood pellets NO _x wood pellets	g/Nm ³	< 0,25
	g/Nm ³	< 0,02
	g/Nm ³	< 0,06
	g/Nm ³	< 0,20
Emission (requirements according AT 15A)		
CO wood pellets PM wood pellets OGC wood pellets NO _x wood pellets	mg/MJ	< 500
	mg/MJ	< 25
	mg/MJ	< 30
	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