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|---|----------------------------|--------------------------|
| <div>CE</div>   |                            |                          |
| RIKA Innovative Ofentechnik GmbH<br>AT-4563 Micheldorf, Müllerviertel 20<br>19<br>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 I 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-Emmision at nominal heat output  |                            | < 0,02 %                 |
| CO-Emmision at nominal heat output  |                            | < 0,25 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                                  |                            | 142,5 °C                 |
| Flue gas temperature outlet at nominal heat output  |                            | 171 °C                   |
| Thermal output  |                            | pass                     |
| Nominal- / part load heat output  | 7,0 kW                     | 2,5 kW                   |
| Nominal- / part load space heat output  | 7,0 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<br>PM wood pellets<br>OGC wood pellets<br>NO <sub>x</sub> wood pellets                | g/Nm <sup>3</sup>          | < 0,25                   |
|   | g/Nm <sup>3</sup>          | < 0,02                   |
|   | g/Nm <sup>3</sup>          | < 0,06                   |
|   | g/Nm <sup>3</sup>          | < 0,20                   |
| Pleas read manufacturer’s operating instructions carefully before installing and using the appliance! |                            |                          |

Signed on behalf of the manufacturer

Andreas Bloderer / product manager

Name and function

Micheldorf, 15.11.2022

Place and date of issue



A handwritten signature in black ink, appearing to read "Andreas Bloderer", is written over a horizontal line.