

Contact details of the manufacturer

|               |  |
|---------------|--|
| Manufacturer: | RIKA Innovative Ofentechnik GmbH               |
| Contact:      | Andreas Bloderer                               |
| Address:      | Müllerviertel 20<br>4563 Micheldorf<br>Austria |

Details of the device

|   |  |
|---|--|
| Model Identifier:                                 | REVO II / REVO II RAO / REVO II PGI                                  |
| Equivalent models:                                | -  |
| Notified body:                                    | Technische Universität Wien, Getreidemarkt 9/166, 1060 Wien, Austria |
| Notified body no.:                                | 1746   |
| Test report no.:                                  | PL-19064-1-P   |
| Applied harmonised standards:                     | EN14785:2006   |
| Other applied standards/technical specifications: | -  |
| Indirect heating functionality:                   | Nein   |
| Direct heat output:                               | 8 kW   |
| Indirect heat output:                             | -  |

Characteristics when operating with the preferred fuel

|  |        |
|--|--------|
| Seasonal space heating energy efficiency $\eta_s$ :            | 82,7 % |
| Seasonal space heating energy efficiency RIKATRONIC $\eta_s$ : | -      |
| Energy Efficiency Index:                                       | 125    |
| Energy Efficiency Index RIKATRONIC:                            | -      |

Special precautions for assembly, installation or maintenance

|   |
|---|
| <p>Fire protection and safety distances such as distances to combustible building materials must be observed!</p> <p>An adequate supply of combustion air for the appliance must be guaranteed at all times. Air-suction systems can interfere with the combustion air supply!</p> <p>The flue gas values of the appliance must be observed for the chimney dimensioning!</p> |
|---|

Characteristics when operating exclusively with the preferred fuel

|  |                 |       |    |
|--|-----------------|-------|----|
| Heat output                              |                 |       |    |
| Nominal heat output                      | $P_{nom}$       | 8     | kW |
| Minimum heat output                      | $P_{min}$       | 2,5   | kW |
| Useful efficiency                        |                 |       |    |
| Useful efficiency at nominal heat output | $\eta_{th,nom}$ | 93,2  | %  |
| Useful efficiency at minimum heat output | $\eta_{th,min}$ | 95,4  | %  |
| Auxiliary electricity consumption        |                 |       |    |
| At nominal heat output                   | $e_{l,max}$     | 0,02  | kW |
| At minimum heat output                   | $e_{l,min}$     | 0,01  | kW |
| In standby mode                          | $e_{l,SB}$      | 0,003 | kW |
| Permanent pilot flame power requirement  |                 |       |    |
| Pilot flame power requirement            | $P_{pilot}$     | n.A.  | kW |

| Type of heat output/room temperature control                  |     |
|---|-----|
| single stage heat output, no room temperature control         | Yes |
| two or more manual stages, no room temperature control (**)   | No  |
| with mechanic thermostat room temperature control (**)        | No  |
| with electronic room temperature control (**)                 | No  |
| with electronic room temperature control plus day timer (**)  | No  |
| with electronic room temperature control plus week timer (**) | No  |
| Room temperature control with presence detection (**)         | No  |
| Room temperature control with open window detection (**)      | No  |
| with remote control options (**)                              | No  |

#### Details of the fuel

| Fuel  | Preferred fuel: | Other suitable fuel: | $\eta_s$ [%] | Space heating emissions at nominal heat output (*) |     |    |                 | Space heating emissions at minimum heat output (*)(**) |     |    |                 |
|---|-----------------|----------------------|--------------|--|-----|----|-----------------|--|-----|----|-----------------|
|   |                 |                      |              | PM   | OGC | CO | NO <sub>x</sub> | PM   | OGC | CO | NO <sub>x</sub> |
|   |                 |                      |              | mg/Nm <sup>3</sup> (13% O <sub>2</sub> )           |     |    |                 | mg/Nm <sup>3</sup> (13% O <sub>2</sub> )               |     |    |                 |
| Wood logs, moisture content ≤ 25 %            | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Wood logs RIKATRONIC, moisture content ≤ 25 % | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Compressed wood, moisture content < 12 %      | Yes             | No                   | 82,7         | 8  | 3   | 84 | 146             | -  | -   | -  | -               |
| Other woody biomass                           | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Non-woody biomass                             | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Anthracite and dry steam coal                 | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Hard coke                                     | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Low temperature coke                          | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Bituminous coal                               | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Lignite briquettes                            | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Peat briquettes                               | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Blended fossil fuel briquettes                | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Other fossil fuel                             | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Blended biomass and fossil fuel briquettes    | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |
| Other blend of biomass and solid fuel         | No              | No                   | -            | -  | -   | -  | -               | -  | -   | -  | -               |

(\*) PM = dust, OGC = gaseous organic compounds, CO = carbon monoxide, NO<sub>x</sub> = nitrous gases

(\*\*) Only required when applying correction factors F(2) or F(3)

Signed for and on behalf of the manufacturer by:  
Andreas Bloderer / product management

Micheldorf, 16.12.2021

**RIKA**<sup>®</sup>

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In case of doubt as well as missing or incorrect translations, the German version is the only valid one.

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