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RIKA Innovative Ofentechnik GmbH  
AT-4563 Micheldorf, Müllerviertel 20

regarding EN 16510-2-6:2022 under regulation (EU) 305/2011

**DoP:** 95-CPR-07.2013  
**Notified Body:** 1746  
**Intended use:** Space heating in residential buildings without possible supply of hot water  
**Name:** REVO III (RAO/PGI/MA)

**IMPORTANT ASPECTS****MECHANICAL STRENGTH AND STABILITY**

Carrying capacity 25 kg

**FIRE SAFETY**

|   |   |        |
|---|---|--------|
| Safety distance to combustible material | $d_R$ = from the back to combustible materials                                    | 100 mm |
|   | $d_S$ = from the sides to flammable materials                                     | 100 mm |
|   | $d_C$ = from the top to flammable materials in the ceiling                        | 800 mm |
|   | $d_F$ = from the front to flammable materials                                     | 800 mm |
|   | $d_L$ = from the front to flammable materials in the lower front radiation area   | 0 mm   |
|   | $d_L$ = from the front to flammable materials in the lateral front radiation area | 0 mm   |
|   | $d_B$ = below the floor (without feet) to combustible materials                   | 0 mm   |

**HYGIENE, HEALTH AND ENVIRONMENTAL PROTECTION**

|  |     |                        |
|--|-----|------------------------|
| Emissions at nominal heat output<br>(based on 13% O <sub>2</sub> ) | CO  | 72 mg/Nm <sup>3</sup>  |
|  | NOX | 102 mg/Nm <sup>3</sup> |
|  | OGC | 1 mg/Nm <sup>3</sup>   |
|  | PM  | 16 mg/Nm <sup>3</sup>  |
| Emissions at reduced heat output<br>(based on 13% O <sub>2</sub> ) | CO  | 417 mg/Nm <sup>3</sup> |
|  | NOX | 88 mg/Nm <sup>3</sup>  |
|  | OGC | 17 mg/Nm <sup>3</sup>  |
|  | PM  | 27 mg/Nm <sup>3</sup>  |

**SAFETY AND ACCESSIBILITY DURING USE**

|  |  |          |
|--|--|----------|
| Data for installation on a chimney<br>at nominal heat output | Temperature at the flue gas connection | 205,0 °C |
|  | Minimum conveying pressure             | 12 Pa    |
|  | Flue gas mass flow                     | 6 g/S    |
| Data for installation on a chimney<br>at reduced heat output | Temperature at the flue gas connection | 90,0 °C  |
|  | Minimum conveying pressure             | 10 Pa    |
|  | Flue gas mass flow                     | 4 g/S    |
| Data for installation on a chimney regarding fire safety     | Class                                  | T200G    |

**ENERGY SAVINGS AND THERMAL INSULATION**

|  |  |          |
|--|--|----------|
| Heat output and energy efficiency of the appliance<br>at nominal heat output | Room heat output                                       | 9 kw     |
|  | Efficiency   | 90,9 %   |
| Heat output and energy efficiency of the appliance<br>at reduced heat output | Room heat output                                       | 2,5 kw   |
|  | Efficiency   | 91,7 %   |
| Space heating efficiency   | Annual space heating efficiency at nominal heat output | 81 %     |
|  | Energy Efficiency Index (EEI)                          | 121      |
|  | Energy efficiency class                                | A+       |
|  | Power consumption at nominal heat output               | 0,013 kw |
|  | Power consumption at partial load heat output          | 0,009 kw |
|  | Power consumption in standby mode                      | 0,003 kw |

Please read manufacturer's operating instructions carefully before installing



Signed on behalf of the manufacturer

Andreas Bloderer / product manager

Name and function

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