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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:** | 92-CPR-07.2013 |
| **Notified Body:** | 0051 |
| **Intended use:** | Space heating in residential buildings without possible supply of hot water |
| **Name:** | TRIO RIKAair |

**IMPORTANT ASPECTS**

**MECHANICAL STRENGTH AND STABILITY**

| | |
|---|---|
| Carrying capacity | 0 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 | 750 mm |
| | $d_P$ = from the front to flammable materials | 800 mm |
| | $d_F$ = from the front to flammable materials in the lower front radiation area | 200 mm |
| | $d_L$ = from the front to flammable materials in the lateral front radiation area | 200 mm |
| | $d_B$ = below the floor (without feet) to combustible materials | 0 mm |

**HYGIENE, HEALTH AND ENVIRONMENTAL PROTECTION**

| | | |
|---|---|---|
| Emissions at nominal heat output (based on 13% $O_2$) | CO | <=1250 mg/Nm³ |
| | NOX | <=200 mg/Nm³ |
| | OGC | <=120 mg/Nm³ |
| | PM | <=40 mg/Nm³ |
| Emissions at reduced heat output (based on 13% $O_2$) | CO | <=1250 mg/Nm³ |
| | NOX | <=200 mg/Nm³ |
| | OGC | <=120 mg/Nm³ |
| | PM | <=40 mg/Nm³ |

**SAFETY AND ACCESSIBILITY DURING USE**

| | | |
|---|---|---|
| Data for installation on a chimney at nominal heat output | Temperature at the flue gas connection | ~ 200 °C |
| | Minimum conveying pressure | 12 Pa |
| | Flue gas mass flow | ~7,3 g/S |
| Data for installation on a chimney at reduced heat output | Temperature at the flue gas connection | ~ 200 °C |
| | Minimum conveying pressure | 12 Pa |
| | Flue gas mass flow | ~7,3 Pa |
| Data for installation on a chimney regarding fire safety | Class | T 400G |

**ENERGY SAVINGS AND THERMAL INSULATION**

| | | |
|---|---|---|
| Heat output and energy efficiency of the appliance at nominal heat output | Room heat output | 8,0 kw |
| | Efficiency | >=80 % |
| Heat output and energy efficiency of the appliance at reduced heat output | Room heat output | 4,0 kw |
| | Efficiency | >=80 % |
| Space heating efficiency | Annual space heating efficiency at nominal heat output | >=70 % |
| | Energy Efficiency Index (EEI) | >=107 - <130 |
| | Energy efficiency class | A+ |
| | Power consumption at nominal heat output | 0,003 kw |
| | Power consumption at partial load heat output | 0,006 kw |
| | Power consumption in standby mode | 0,006 kw |

**Please read manufacturer´s operating instructions carefully before installing**

RIKA®

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Signed on behalf of the manufacturer

Andreas Bloderer / product manager

Name and function

Micheldorf, 25.08.2025

Place and date of issue