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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: 0045-CPR-07.2013
Notified Body: 1746
Intended use: Space heating in residential buildings without possible supply of hot water
Name: CORSO

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 | 500 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

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|--|-----|------------------------|
| Emissions at nominal heat output (based on 13% O ₂) | CO | 85 mg/Nm ³ |
| | NOX | 136 mg/Nm ³ |
| | OGC | 5 mg/Nm ³ |
| | PM | 14 mg/Nm ³ |
| Emissions at reduced heat output (based on 13% O ₂) | CO | 222 mg/Nm ³ |
| | NOX | 122 mg/Nm ³ |
| | OGC | 4 mg/Nm ³ |
| | PM | 22 mg/Nm ³ |

SAFETY AND ACCESSIBILITY DURING USE

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| Data for installation on a chimney at nominal heat output | Temperature at the flue gas connection | 182,0 °C |
| | Minimum conveying pressure | 12 Pa |
| | Flue gas mass flow | 5,4 g/s |
| Data for installation on a chimney at reduced heat output | Temperature at the flue gas connection | 112,0 °C |
| | Minimum conveying pressure | 10 Pa |
| | Flue gas mass flow | 2,1 g/s |
| Data for installation on a chimney regarding fire safety | Class | T200G |

ENERGY SAVINGS AND THERMAL INSULATION

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|--|--|----------|
| Heat output and energy efficiency of the appliance at nominal heat output | Room heat output | 8,0 kw |
| | Efficiency | 90,7 % |
| Heat output and energy efficiency of the appliance at reduced heat output | Room heat output | 2,5 kw |
| | Efficiency | 93,8 % |
| Space heating efficiency | Annual space heating efficiency at nominal heat output | 80 % |
| | Energy Efficiency Index (EEI) | 121 |
| | Energy efficiency class | A+ |
| | Power consumption at nominal heat output | 0,015 kw |
| | Power consumption at partial load heat output | 0,014 kw |
| | Power consumption in standby mode | 0,004 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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