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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:** 84-CPR-07.2013  
**Notified Body:** 1746  
**Intended use:** Space heating in residential buildings without possible supply of hot water  
**Name:** NEX IT

**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                                       | 200 mm |
|                                         | $d_S$ = from the sides to flammable materials                                        | 200 mm |
|                                         | $d_C$ = from the top to flammable materials in the ceiling                           | 750 mm |
|                                         | $d_F$ = from the front to flammable materials                                        | 800 mm |
|                                         | $d_{F-}$ = 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  | 563 mg/Nm <sup>3</sup> |
|                                                                    | NOX | 95 mg/Nm <sup>3</sup>  |
|                                                                    | OGC | 23 mg/Nm <sup>3</sup>  |
|                                                                    | PM  | 14 mg/Nm <sup>3</sup>  |
| Emissions at reduced heat output<br>(based on 13% O <sub>2</sub> ) | CO  | - mg/Nm <sup>3</sup>   |
|                                                                    | NOX | - mg/Nm <sup>3</sup>   |
|                                                                    | OGC | - mg/Nm <sup>3</sup>   |
|                                                                    | PM  | - 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 | 267,0 °C |
|                                                              | Minimum conveying pressure             | 12 Pa    |
|                                                              | Flue gas mass flow                     | 5,9 g/S  |
| Data for installation on a chimney<br>at reduced heat output | Temperature at the flue gas connection | - °C     |
|                                                              | Minimum conveying pressure             | Pa       |
|                                                              | Flue gas mass flow                     | - g/S    |
| Data for installation on a chimney regarding fire safety     | Class                                  | T400G    |

**ENERGY SAVINGS AND THERMAL INSULATION**

|                                                                              |                                                        |        |
|------------------------------------------------------------------------------|--------------------------------------------------------|--------|
| Heat output and energy efficiency of the appliance<br>at nominal heat output | Room heat output                                       | 7,5 kw |
|                                                                              | Efficiency                                             | 86,9 % |
| Heat output and energy efficiency of the appliance<br>at reduced heat output | Room heat output                                       | - kw   |
|                                                                              | Efficiency                                             | - %    |
| Space heating efficiency                                                     | Annual space heating efficiency at nominal heat output | 77 %   |
|                                                                              | Energy Efficiency Index (EEI)                          | 116    |
|                                                                              | Energy efficiency class                                | A+     |
|                                                                              | Power consumption at nominal heat output               | - kw   |
|                                                                              | Power consumption at partial load heat output          | - kw   |
|                                                                              | Power consumption in standby mode                      | - 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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Micheldorf, 26.06.2026

Place and date of issue