BRUNNER

# Declaration of Performance according to Regulation (EU) 305/2011

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|---|---|---|
| Product | | HKD 2.2 XL SK/h |
| Intended use | | Space heating in buildings |
| Manufacturer | | Ulrich Brunner GmbH |
| Adress of the manufacturer | | Zellhuber Ring 17-18<br>84307 Eggenfelden |
| System for assessment and verification of constancy of performance of the construction product. | | System 3 |
| The notified testing laboratory has carried out initial testing according to system 3 | | |
| Notified laboratory | | 1015 |
| Test report | | 1015-AoP-30-17898/TZ |
| Harmonized technical specification | | EN 16510-2-2:2022 |
| **Essential characteristic** | | |
| **Safety in case of fire** | | |
| Protection of combustible materials | Minimum distances to combustible materials | |
| | bottom | $d_B$ = 60 mm |
| | floor in front | $d_F$ = 600 mm |
| | ceiling | $d_C$ = 500 mm |
| | rear | $d_R$ = 60 mm |
| | side | $d_S$ = 60 mm |
| | side radiation area | $d_L$ = 500 mm |
| | adjacent combustible materials (e.g. furniture) | $d_P$ = 1000 mm |
| | material type and thickness of protective insualtion material | = Rockwool 100 mm (r+s); Rockwool 100 mm (c) |
| **Hygiene, health and the environment** | | |
| At nominal heat output at 13% $O_2$ | Carbon monoxide emission (CO) | = 1250 mg/m3 |
| | Nitrogen oxides emissions ($NO_X$) | = 200 mg/m3 |
| | Emission of organic gaseous carbon (OGC) | = 120 mg/m3 |
| | Particulate matter emissions (PM) | = 40 mg/m3 |
| At part load heat output at 13% $O_2$ | Carbon monoxide emission (CO) | NPD |
| | Nitrogen oxides emissions ($NO_X$) | NPD |
| | Emission of organic gaseous carbon (OGC) | NPD |
| | Particulate matter emissions (PM) | NPD |
| **Safety and accessibility in use** | | |

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| Data for installation to a chimney at nominal heat output | Flue gas outlet temperature | 130 °C |
| | Minimum flue draught | 14 Pa |
| | Flue gas mass flow | 13,1 g/s |
| Data for installation to a chimney at part load heat output | Flue gas outlet temperature | NPD |
| | Minimum flue draught | NPD |
| | Flue gas mass flow | NPD |
| Data for installation to a chimney regarding fire safety | Fire safety of installation to the chimney | T400 G |
| **Energy economy and heat retention** | | |
| Appliance's thermal output and energy efficiency at nominal heat ouput | Space heat output | 13,2 kW |
| | Water heat output | 10,6 kW |
| | Efficiency | 88,6 % |
| Appliance's thermal output and energy efficiency at part load heat ouput | Space heat output | NPD |
| | Water heat output | NPD |
| | Efficiency | NPD |
| Space heating efficiency | Seasonal space heating efficiency | 78,6 % |
| | Energy efficiency index (EEI) | 119 |
| | Energy efficiency classification | A+ |
| | Electric power consumption at nominal heat output | NPD |
| | Electric power consumption at part load heat output | NPD |
| | Standby mode power consumption | NPD |
| **Sustainable use of natural ressources** | | |
| | Environmental sustainability | NPD |


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The performance of the product corresponds to the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer in accordance with Regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer:



Eggenfelden, 10.07.2026

Hubertus Brunner, CEO

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