

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

Product	HKD 2.2 XL SK/h Tunnel	
Intended use	Space heating in buildings	
Manufacturer	Ulrich Brunner GmbH	
Address of the manufacturer	Zellhuber Ring 17-18 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 insulation 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)	= 1500 mg/m ³
	Nitrogen oxides emissions (NO _x)	= 200 mg/m ³
	Emission of organic gaseous carbon (OGC)	= 120 mg/m ³
	Particulate matter emissions (PM)	= 40 mg/m ³
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		

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 output	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 output	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 resources		
	Environmental sustainability	NPD

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, 03.11.2025

Hubertus Brunner, CEO