BRUNNER

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

Product		BKO 42-42
Intended use		Space heating in buildings
Manufacturer		Ulrich Brunner GmbH
Adress 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-30-17963/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 = 0 mm
	floor in front	d_F = 400 mm
	ceiling	d_C = 600 mm
	rear	d_R = 50 mm
	side	d_S = 50 mm
	side radiation area	d_L = 600 mm
	adjacent combustible materials (e.g. furniture)	d_P = 1200 mm
	material type and thickness of protective insualtion material	NPD
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		

© 2026 Brunner GmbH

Data for installation to a chimney at nominal heat output	Flue gas outlet temperature	212 °C
	Minimum flue draught	12 Pa
	Flue gas mass flow	6,1 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	7,0 kW
	Water heat output	NPD
	Efficiency	87,2 %
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	77,2 %
	Energy efficiency index (EEI)	116
	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

© 2026 Brunner GmbH

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

© 2026 Brunner GmbH