HWAM 5440 HWAM 5460

UK Declaration of Performance. 2

Declaration of Performance

UK

Construction Products Regulation (CPR) 2011 (retained EU law EUR 305/2011) as ammended.
Nr. 0159 - 01/04/2025

No.: 5446S-SC-01-V01 Date: 10-11-2025

EN 16510-1:2022, Annex A

NO.	Information according to (EU) 305/2011	Registration by the manufacturer
1	Unique identification code of the product type	HWAM 5440 Smart Control, HWAM 5440 Smart Control stone, HWAM 5460 Smart Control, HWAM 5460 Smart Control stone
2	Intended use(s)	Space heating in residential buildings
3	Manufacturer / trade mark	**HWAM A/S** Nydamsvej 53 8362 Hørning Denmark www.hwam.com
4	Authorised representative	Not relevant
5	System(s) of assessment and verification of consistency of performance of the construction product	System 3
6	The notified test laboratory has performed the initial test according to system 3. Notified body(ies) Test report no.	Teknologisk institut Kongsvang 29 DK-8000 Aarhus NB 1235 300-ELAB-2682-EN 1235-CPR-ELAB-2682
7	Harmonised technical specifications	EN 16510-2-1:2022
8	**Essential characteristics**	
	Mechanical resistance and stability	
	Load bearing capacity	122 kg
	Safety in case of fire	
	Protection of combustible materials Minimum disance to combustible materials - insulated flue gas pipe.	**Protection of combustible materials** Minimum disance to combustible materials - uninsulated flue gas pipe.
	Bottom (dB) 0 mm	Bottom (dB) 0 mm
	Floor in front (dF) 0 mm	Floor in front (dF) 0 mm
	Ceiling (dC) 600 mm	Ceiling (dC) 600 mm
	Rear (dR) 100 mm	Rear (dR) 175 mm
	Side (dSs) 125 mm	Side (dSs) 125 mm
	Side radiation area (dS) 400 mm	Side radiation area (dS) 400 mm
	Corner, 45° (dSc) 50 mm	Corner, 45° (dSc) 50 mm
	Mantel piece NDP mm	Mantel piece NDP mm
	Distance to eg. furnuture (dP) 1100 mm	Distance to eg. Furnuture (dP) 1100 mm
	Hygiene, health and environment	
	Emissions at nominal heat output	Carbon monoxide emission (CO) 461 mg/m^3
		Nitrogen emission (NOx) 92 mg/m^3
		Emission of organic gaseous carbon (OGC) 18 mg/m^3
		Particulate matter emissions (PM) 14 mg/m^3
	Safety and accessibility in use	
	Data for installation to a chimney at nominal heat output	Flue gas outlet temperature 350 °C
		Minimum flue draught 12 Pa
		Flue gas mass flow 4,6 g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney T400 G

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	6,1	kW
		Efficiency	82	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	72	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	108	
		Energy efficiency class	A+	
		Electric power consumption at appliance's nominal heat output	0,0102	kW
		Power consumption in standby mode	0,0013	kW
	Sustainable use of natural resources			
	Environmental sustainability		NPD	
9	The performance of the above product corresponds to the declared performance according to number 8. This declaration of performance is issued under the sole responsibility of the manufacturer in accordance with point 3.			

Hørning
10-11-2025

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