HWAM
intelligent heat

HWAM 3420

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.: 342-AUT-01-V01 Date: 10-11-2025

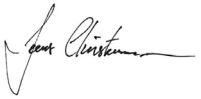
EN 16510-1:2022, Annex A

NO.	Information according to (EU) 305/2011			Registration by the manufacturer		
1	Unique identification code of the product type			HWAM 3420		
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-2597-EN 1235-CPR-ELAB-2597.rev1		
7	Harmonised technical specifications			EN 16510-2-1:2022		
8	**Essential characteristics**					
	Mechanical resistance and stability					
	Load bearing capacity				120	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)	750	mm	Ceiling (dC)	750	mm
	Rear (dR)	115	mm	Rear (dR)	165	mm
	Side (dSs)	220	mm	Side (dSs)	255	mm
	Side radiation area (dS)	450	mm	Side radiation area (dS)	450	mm
	Corner, 45° (dSc)	100	mm	Corner, 45° (dSc)	125	mm
	Mantel piece	450	mm	Mantel piece	450	mm
	Distance to eg. furnuture (dP)	1050	mm	Distance to eg. Furnuture (dP)	1050	mm
	Hygiene, health and environment					
	Emissions at nominal heat output			Carbon monoxide emission (CO)	906	mg/m^3
				Nitrogen emission (NOx)	88	mg/m^3
				Emission of organic gaseous carbon (OGC)	60	mg/m^3
				Particulate matter emissions (PM)	13	mg/m^3
	Safety and accessibility in use					
	Data for installation to a chimney at nominal heat output			Flue gas outlet temperature	288	°C
				Minimum flue draught	12	Pa
				Flue gas mass flow	5,3	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	4,8	kW
		Efficiency	79	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	69	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	105	
		Energy efficiency class	A	
		Electric power consumption at appliance's nominal heat output	NDP	kW
		Power consumption in standby mode	NDP	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

Jens Gert Christensen, CTO



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