HWAM 4640 HWAM 4660

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.: 4646-SC-01-V02 Date: 10-11-2025

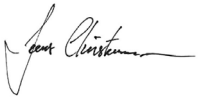
EN 16510-1:2022, Annex A

NO.	Information according to (EU) 305/2011			Registration by the manufacturer		
1	Unique identification code of the product type			HWAM 4640 Smart Control, HWAM 4660 Smart Control		
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.			Rhein-Ruhr Feuerstätten Prüfstelle GmbH Im Lipperfeld 34b 46047 Oberhausen NB 1625 RRF - 40 17 3932 1625-AoP-CPR-1021 25 2115.1		
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)	700	mm	Floor in front (dF)	700	mm
	Ceiling (dC)	750	mm	Ceiling (dC)	750	mm
	Rear (dR)	70	mm	Rear (dR)	200	mm
	Side (dSs)	400	mm	Side (dSs)	350	mm
	Side radiation area (dS)	400	mm	Side radiation area (dS)	350	mm
	Corner, 45° (dSc)	120	mm	Corner, 45° (dSc)	120	mm
	Mantel piece	NDP	mm	Mantel piece	NDP	mm
	Distance to eg. furnuture (dP)	1300	mm	Distance to eg. Furnuture (dP)	1300	mm
	Hygiene, health and environment					
	Emissions at nominal heat output			Carbon monoxide emission (CO)	<1500	mg/m^3
				Nitrogen emission (NOx)	<200	mg/m^3
				Emission of organic gaseous carbon (OGC)	<120	mg/m^3
				Particulate matter emissions (PM)	<40	mg/m^3
	Safety and accessibility in use					
	Data for installation to a chimney at nominal heat output			Flue gas outlet temperature	334	°C
				Minimum flue draught	12	Pa
				Flue gas mass flow	6,6	g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output			Fire safety for installation to the chimney	T600G	

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	8,0	kW
		Efficiency	81	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	107	
		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

Jens Gert Christensen, CTO



Declaration of Performance

UK

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

No.: 4646S-SC-01-V02 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 4640 Smart Control stone, HWAM 4640 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.	Rhein-Ruhr Feuerstätten Prüfstelle GmbH Im Lipperfeld 34b 46047 Oberhausen NB 1625 RRF - 40 17 3932 1625-AoP-CPR-1021 25 2115.1
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)	700	mm	Floor in front (dF)	700	mm
Ceiling (dC)	750	mm	Ceiling (dC)	750	mm
Rear (dR)	70	mm	Rear (dR)	200	mm
Side (dSs)	450	mm	Side (dSs)	450	mm
Side radiation area (dS)	450	mm	Side radiation area (dS)	450	mm
Corner, 45° (dSc)	150	mm	Corner, 45° (dSc)	150	mm
Mantel piece	NDP	mm	Mantel piece	NDP	mm
Distance to eg. furnuture (dP)	1400	mm	Distance to eg. Furnuture (dP)	1400	mm

Hygiene, health and environment

Emissions at nominal heat output	Carbon monoxide emission (CO)	<1500 mg/m^3
	Nitrogen emission (NOx)	<200 mg/m^3
	Emission of organic gaseous carbon (OGC)	<120 mg/m^3
	Particulate matter emissions (PM)	<40 mg/m^3

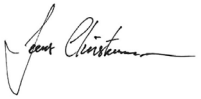
Safety and accessibility in use

Data for installation to a chimney at nominal heat output	Flue gas outlet temperature	334 °C
	Minimum flue draught	12 Pa
	Flue gas mass flow	6,6 g/s
Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney	T600G

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	8,0	kW
		Efficiency	81	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	107	
		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

Jens Gert Christensen, CTO



www.hwam.com