HWAM intelligent heat

HWAM 4510
HWAM 4520
HWAM 4530
HWAM 4540
HWAM 4550
HWAM 4560

AUTOPILOT™

UK Declaration of Performance. 2

www.hwam.com/dop/EN16510/4500_UK / 10.11.2025

Declaration of Performance

UK

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

No.: 451W-AUT-01-V02 Date: 10-11-2025

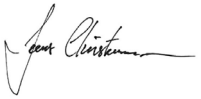
EN 16510-1:2022, Annex A

NO.	Information according to (EU) 305/2011	Registration by the manufacturer		
1	Unique identification code of the product type	HWAM 4510 wall mount		
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 4661-2 1625-AoP-CPR-1021 25 1862.4		
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 - uninsulated flue gas pipe.		
		Bottom (dB)	290	mm
		Floor in front (dF)	0	mm
		Ceiling (dC)	600	mm
		Rear (dR)	100	mm
		Side (dSs)	590	mm
		Side radiation area (dS)	590	mm
		Corner, 45° (dSc)	330	mm
		Mantel piece	NDP	mm
		Distance to eg. Furnuture (dP)	1200	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	312	°C
		Minimum flue draught	12	Pa
		Flue gas mass flow	4,1	g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney	T400G	

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	4,9	kW
		Efficiency	82	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	109	
		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



Declaration of Performance

UK

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

No.: 452W-AUT-01-V02 Date: 10-11-2025

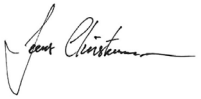
EN 16510-1:2022, Annex A

NO.	Information according to (EU) 305/2011	Registration by the manufacturer		
1	Unique identification code of the product type	HWAM 4520 wall mount		
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 4661-2 1625-AoP-CPR-1021 25 1862.1		
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 - uninsulated flue gas pipe.		
		Bottom (dB)	290	mm
		Floor in front (dF)	0	mm
		Ceiling (dC)	600	mm
		Rear (dR)	100	mm
		Side (dSs)	350	mm
		Side radiation area (dS)	350	mm
		Corner, 45° (dSc)	70	mm
		Mantel piece	NDP	mm
		Distance to eg. Furnuture (dP)	1100	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	312	°C
		Minimum flue draught	12	Pa
		Flue gas mass flow	4,1	g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney	T400G	

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	4,9	kW
		Efficiency	82	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	109	
		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



Declaration of Performance

UK

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

No.: 451L-AUT-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 4510 mini plinth, HWAM 4510 low base		
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 4661-2 1625-AoP-CPR-1021 25 1862.5		
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 - uninsulated flue gas pipe.		
		Bottom (dB)	0	mm
		Floor in front (dF)	480	mm
		Ceiling (dC)	600	mm
		Rear (dR)	100	mm
		Side (dSs)	590	mm
		Side radiation area (dS)	590	mm
		Corner, 45° (dSc)	330	mm
		Mantel piece	NDP	mm
		Distance to eg. Furnuture (dP)	1200	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	312	°C
		Minimum flue draught	12	Pa
		Flue gas mass flow	4,1	g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney	T400G	

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	4,9	kW
		Efficiency	82	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	109	
		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

Declaration of Performance

UK

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

No.: 452L-AUT-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 4520 mini plinth, HWAM 4520 low base		
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 4661-2 1625-AoP-CPR-1021 25 1862.2		
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 - uninsulated flue gas pipe.		
		Bottom (dB)	0	mm
		Floor in front (dF)	480	mm
		Ceiling (dC)	600	mm
		Rear (dR)	100	mm
		Side (dSs)	350	mm
		Side radiation area (dS)	350	mm
		Corner, 45° (dSc)	70	mm
		Mantel piece	NDP	mm
		Distance to eg. Furnuture (dP)	1100	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	312	°C
		Minimum flue draught	12	Pa
		Flue gas mass flow	4,1	g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney	T400G	

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	4,9	kW
		Efficiency	82	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	109	
		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

Declaration of Performance

UK

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

No.: 451H-AUT-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 4510 high base		
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 4661-2 1625-AoP-CPR-1021 25 1862.6		
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 - uninsulated flue gas pipe.		
		Bottom (dB)	0	mm
		Floor in front (dF)	0	mm
		Ceiling (dC)	600	mm
		Rear (dR)	100	mm
		Side (dSs)	590	mm
		Side radiation area (dS)	590	mm
		Corner, 45° (dSc)	330	mm
		Mantel piece	NDP	mm
		Distance to eg. Furnuture (dP)	1200	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	312	°C
		Minimum flue draught	12	Pa
		Flue gas mass flow	4,1	g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney	T400G	

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	4,9	kW
		Efficiency	82	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	109	
		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

Declaration of Performance

UK

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

No.: 452H-AUT-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 4520 high base		
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 4661-2 1625-AoP-CPR-1021 25 1862.3		
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 - uninsulated flue gas pipe.		
		Bottom (dB)	0	mm
		Floor in front (dF)	0	mm
		Ceiling (dC)	600	mm
		Rear (dR)	100	mm
		Side (dSs)	350	mm
		Side radiation area (dS)	350	mm
		Corner, 45° (dSc)	70	mm
		Mantel piece	NDP	mm
		Distance to eg. Furnuture (dP)	1100	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	312	°C
		Minimum flue draught	12	Pa
		Flue gas mass flow	4,1	g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney	T400G	

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	4,9	kW
		Efficiency	82	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	109	
		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

Declaration of Performance

UK

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

No.: 4535-AUT-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 4530, HWAM 4550		
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 16 4220 1625-AoP-CPR-1021 25 1864.2		
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 - uninsulated flue gas pipe.		
		Bottom (dB)	0	mm
		Floor in front (dF)	0	mm
		Ceiling (dC)	750	mm
		Rear (dR)	100	mm
		Side (dSs)	590	mm
		Side radiation area (dS)	590	mm
		Corner, 45° (dSc)	330	mm
		Mantel piece	NDP	mm
		Distance to eg. Furnuture (dP)	1200	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	312	°C
		Minimum flue draught	12	Pa
		Flue gas mass flow	4,1	g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney	T400G	

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	4,9	kW
		Efficiency	82	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	109	
		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

Declaration of Performance

UK

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

No.: 4546S-AUT-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 4540, HWAM 4540 stone, HWAM 4560, HWAM 4560 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 16 4220 1625-AoP-CPR-1021 25 1864.1		
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 - uninsulated flue gas pipe.		
		Bottom (dB)	0	mm
		Floor in front (dF)	0	mm
		Ceiling (dC)	750	mm
		Rear (dR)	100	mm
		Side (dSs)	400	mm
		Side radiation area (dS)	400	mm
		Corner, 45° (dSc)	70	mm
		Mantel piece	NDP	mm
		Distance to eg. Furnuture (dP)	1100	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	312	°C
		Minimum flue draught	12	Pa
		Flue gas mass flow	4,1	g/s
	Data for installation on a chimney with regarding fire safety on safety test heat output	Fire safety for installation to the chimney	T400G	

8	**Energy economy and heat retention**			
	Appliance's thermal output and energy efficiency at nominal heat output	Space heat output	4,9	kW
		Efficiency	82	%
	Space heating efficiency	Seasonal space heating efficiency at nominal heat output	>65	%
		Energy Efficiency		
		Energy Efficiency Index (EEI)	109	
		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

www.hwam.com