HWAM 3120 HWAM 3130

**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.: 3123-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 3120 Smart Control, HWAM 3130 Smart Control | | |
| 2 | Intended use(s) | | | Space heating in residential buildings | | |
| 3 | Manufacturer / trade mark | | | **HWAM A/S**<br>Nydamsvej 53<br>8362 Hørning<br>Denmark<br>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.<br>Notified body(ies)<br><br>Test report no. | | | Teknologisk institut<br>Kongsvang 29<br>DK-8000 Aarhus<br>NB 1235<br><br>300-ELAB-2602-EN<br>1235-CPR-ELAB-2602.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**<br>Minimum disance to combustible materials<br>- insulated flue gas pipe. | | | **Protection of combustible materials**<br>Minimum disance to combustible materials<br>- 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) | 100 | mm |
| | Side (dSs) | 195 | mm | Side (dSs) | 195 | mm |
| | Side radiation area (dS) | 400 | mm | Side radiation area (dS) | 400 | mm |
| | Corner, 45° (dSc) | 100 | mm | Corner, 45° (dSc) | 100 | mm |
| | Mantel piece | 450 | mm | Mantel piece | 450 | mm |
| | Distance to eg. furnuture (dP) | 1000 | mm | Distance to eg. Furnuture (dP) | 1000 | mm |
| | **Hygiene, health and environment** | | | | | |
| | Emissions at nominal heat output | | | Carbon monoxide emission (CO) | 1050 | $mg/m^3$ |
| | | | | Nitrogen emission (NOx) | 83 | $mg/m^3$ |
| | | | | Emission of organic gaseous carbon (OGC) | 59 | $mg/m^3$ |
| | | | | Particulate matter emissions (PM) | 12 | $mg/m^3$ |
| | **Safety and accessibility in use** | | | | | |
| | Data for installation to a chimney at nominal heat output | | | Flue gas outlet temperature | 323 | °C |
| | | | | Minimum flue draught | 11 | Pa |
| | | | | Flue gas mass flow | 3,8 | 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 | 4,5 | kW |
| | | Efficiency | 81 | % |
| | Space heating efficiency | Seasonal space heating efficiency at nominal heat output | 71 | % |
| | | Energy Efficiency | | |
| | | Energy Efficiency Index (EEI) | 107 | |
| | | Energy efficiency class | A+ | |
| | | Electric power consumption at appliance's nominal heat output | 0,0125 | 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.<br>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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