

HWAM 5420  
HWAM 5440  
HWAM 5460



## **Declaration of Performance**

Constructions Products Regulation (CPR) 2011 (retained EU law EUR 305/2011) as amended.  
Nr. 0155 - 01/04/2025

### **1. Unique identification code of the product type:**

HWAM 5420

Roomheater burning solid fuel without hot water supply

BS EN 13240:2001/A2:2004/AC:2007

### **2. Type batch or serial number of construction product:**

HWAM 5420 (Combustion system Autopilot™)

### **3. Intended use of the construction product:**

Roomheater burning solid fuel without hot water supply.

### **4. Name and address of the manufacturer:**

HWAM A/S

Nydamsvej 53

8362 Hørning

Denmark

[www.hwam.com](http://www.hwam.com) / [www.wiking.com](http://www.wiking.com)

### **5. Name and address of the authorized representative:**

Not relevant.

### **6. System of assessment and verification of constancy of performance of the construction product (AVCP):**

System 3.

### **7. Task(s) of notified body/bodies, if relevant:**

Technological Institute, notified body number 1235

performed the determination of the product type on the basis of type testing

BS EN 13240:2001/A2:2004/AC:2007 under system 3

and issued test report no. 300-ELAB-2683-EN.

## 8. Declared performance:

Harmonized technical specification	BS EN 13240:2001/A2:2004
Essential characteristics	Performance
<b>Fire safety</b>	
Reaction to fire	A1
Min. distances to combustible materials, insulated flue gas pipe (mm)	Min. distances to combustible materials, uninsulated flue gas pipe (mm)
Rear: 100	Rear: 175
Sides: 175	Sides: 175
Side, in front of the stove: 400	Side, in front of the stove: 450
Corner 45°: 75	Corner 45°: 100
Front: 1250	Front: 1250
Floor: 250	Floor: 250
Top of stove to ceiling: 730	Top of stove to ceiling: 730
Mantel piece: NPD	Mantel piece: NPD
Risk of burning fuel falling out	Pass
Emission of combustion products	CO: 0.089 % / 1115 mg/m <sup>3</sup> NOx: 83 mg/m <sup>3</sup> OGC: 112 mg/m <sup>3</sup> PM: 35 mg/m <sup>3</sup>
Surface temperature	Pass
Electrical safety	NPD
Cleanability	Pass
Maximum water operating pressure	NPD
Flue gas temperature at nominal heat output	406 °C
Flue gas temperature measured in the outlet socket	340 °C
Mechanical resistance (to carry a chimney/flue)	Pass
<b>Thermal output</b>	
Nominal heat output	6.3 kW
Room heating output	6.3 kW
Water heating output	NPD
Energy efficiency	75 %

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

Hørning, 01/04/2025

Jens Gert Christensen, CTO



## Declaration of Performance

Constructions Products Regulation (CPR) 2011 (retained EU law EUR 305/2011) as amended.  
Nr. 0156 - 01/04/2025

### 1. Unique identification code of the product type:

HWAM 5440, HWAM 5460

Roomheater burning solid fuel without hot water supply

BS EN 13240:2001/A2:2004/AC:2007

### 2. Type batch or serial number of construction product:

HWAM 5440 (Combustion system Autopilot™)

HWAM 5460 (Combustion system Autopilot™)

### 3. Intended use of the construction product:

Roomheater burning solid fuel without hot water supply.

### 4. Name and address of the manufacturer:

HWAM A/S

Nydamsvej 53

8362 Hørning

Denmark

[www.hwam.com](http://www.hwam.com) / [www.wiking.com](http://www.wiking.com)

### 5. Name and address of the authorized representative:

Not relevant.

### 6. System of assessment and verification of constancy of performance of the construction product (AVCP):

System 3.

### 7. Task(s) of notified body/bodies, if relevant:

Technological Institute, notified body number 1235

performed the determination of the product type on the basis of type testing

BS EN 13240:2001/A2:2004/AC:2007 under system 3

and issued test report no. 300-ELAB-2683-EN.

## 8. Declared performance:

Harmonized technical specification	BS EN 13240:2001/A2:2004/AC:2007
Essential characteristics	Performance
<b>Fire safety</b>	
Reaction to fire	A1
Min. distances to combustible materials, insulated flue gas pipe (mm)	Min. distances to combustible materials, uninsulated flue gas pipe (mm)
Rear: 100	Rear: 175
Sides: 175	Sides: 175
Side, in front of the stove: 400	Side, in front of the stove: 400
Corner 45°: 75	Corner 45°: 100
Front: 1250	Front: 1250
Floor: 0	Floor: 0
Top of stove to ceiling: 730	Top of stove to ceiling: 730
Mantel piece: NPD	Mantel piece: NPD
Risk of burning fuel falling out	Pass
Emission of combustion products	CO: 0.089 % / 1115 mg/m <sup>3</sup> NOx: 83 mg/m <sup>3</sup> OGC: 112 mg/m <sup>3</sup> PM: 35 mg/m <sup>3</sup>
Surface temperature	Pass
Electrical safety	NPD
Cleanability	Pass
Maximum water operating pressure	NPD
Flue gas temperature at nominal heat output	406 °C
Flue gas temperature measured in the outlet socket	340 °C
Mechanical resistance (to carry a chimney/flue)	Pass
<b>Thermal output</b>	
Nominal heat output	6.3 kW
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