

**DECLARATION OF PERFORMANCE - Regulation (EU) 305/2011**



**Manufacturer:** Arada Ltd, The Fireworks, Weycroft Avenue, Axminster,  
Devon, United Kingdom, EX13 5HU

**Range Designation:** Hoxton

**Intended Use:** Free Standing Domestic Heating Appliance

**Independent Performance and Safety tested:** UKCA - Kiwa Gastec, Notified Body No. 0558

CE - Kiwa Cermet Italia S.p.A, Notified Body No. 0476

**Constancy of Performance System AVCP:** System 3

Model	Hoxton
Internal Product Code :	<b>Hoxton 7</b>
Approximate Output Range: (kW)	4.8-8.4
Harmonised EN European Standard (hEN):	BS EN 13240:2001 + A1:2003 + A2:2004+AC2007
Additional Characteristics Test Standard:	DIN+
Additional Particulate Emission Test Standard:	PD6434
Test Report reference:	61276- 5
<b>Performance Characteristics on Wood Fuel</b>	
Total Efficiency: (%)	78.6
Declared nominal output: (kW)	7
Tested nominal Output: (kW)	7.3
Flue gas mass flow: (g/s)	5.6
Mean CO emission (@13% O2) : (%)	0.1
Mean OGC emission (@13% O2): (Nmg/m3)	80
Mean NOx emission (@13% O2): (Nmg/m3)	85
DIN+ particulates (@13% O2): (Nmg/m3)	34
PD6434 Particulate Emissions High output: (gh-1)	2.2
PD6434 Particulate Emissions Low output: (gh-1)	1.4
Mean Flue Temperature: (Deg C)	313
Underhearth Temperature: (Deg C)	32
Approximate Max Log Length: (mm)	250
<b>Safety Distances from Combustibles (Standard Flue Connection)</b>	
Side Wall: (mm)	500
Back Wall: (mm)	250
<b>Safety Distances from Combustibles (Twin Wall Flue Connection)</b>	
Side Wall: (mm)	500
Back Wall: (mm)	200

The performance of the product identified above is in conformity with the set of declared performance.  
This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011 as it has effect in the United Kingdom in respect of Great Britain,  
under sole responsibility of the manufacturer identified above.

**Signed On Behalf Of The Manufacturer:**

J. Stanlifford

18 February 2025