

DECLARATION OF PERFORMANCE - Regulation (EU) 305/2011



Manufacturer: Arada Ltd

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 :	Hoxton 7
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
Performance Characteristics on Wood Fuel	
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% O ₂) : (%)	0.1
Mean OGC emission (@13% O ₂): (Nmg/m ³)	80
Mean NOx emission (@13% O ₂): (Nmg/m ³)	85
DIN+ particulates (@13% O ₂): (Nmg/m ³)	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
Safety Distances from Combustibles (Standard Flue Connection)	
Side Wall: (mm)	500
Back Wall: (mm)	250
Safety Distances from Combustibles (Twin Wall Flue Connection)	
Side Wall: (mm)	500
Back Wall: (mm)	200

Signed On Behalf Of The Manufacturer:

C. Tribble
01 July 2021