

DECLARATION OF PERFORMANCE - CPR 2011 (retained EU law EUR 305/2011) as amended



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

Range Designation: Holborn

Intended Use: Free Standing Domestic Heating Appliance

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

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

Constancy of Performance System AVCP: System 3

Model	Holborn 5	Holborn 5 Widescreen	Holborn 7
Approximate Output Range: (kW)	1.5 - 7	1.5 - 7	1.5 - 10
Harmonised EN European Standard (hEN):	EN13240: 2001 Amd 2:2004	EN13240: 2001 Amd 2:2004	EN13240: 2001 Amd 2:2004
Additional Characteristics Test Standard:	DIN +	DIN +	DIN +
Additional Particulate Emission Test Standard:	PD6434	PD6434	PD6434
Test Report reference:	61133	61136-1	61136-2
Performance Characteristics on Wood Fuel			
Total Efficiency: (%)	79.8	81.3	78.2
Declared nominal output: (kW)	4.9	4.9	7
Tested nominal Output: (kW)	4.9	4.9	7.1
Flue gas mass flow: (g/s)	4.7	4.1	5.6
Mean CO emission (@13% O ₂): (%)	0.11	0.1	0.09
Mean OGC emission (@13% O ₂): (Nmg/m ³)	86	68	72
Mean NO _x emission (@13% O ₂): (Nmg/m ³)	95	82	102
DIN+ particulates (@13% O ₂): (Nmg/m ³)	27	22	38
PD6434 Particulate Emissions High output: (gh-1)	2.7	2.1	4.9
PD6434 Particulate Emissions Low output: (gh-1)	2	1.1	2.8
Mean Flue Temperature: (Deg C)	255	257	310
Underhearth Temperature: (Deg C)	51.2	46.4	95
Approximate Max Log Length: (mm)	300	375	375
Performance Characteristics on Maxibrite Briquetted Smokeless Fuel			
Total Efficiency: (%):	82.3	79.3	81.2
Declared nominal output: (kW)	4.9	4.9	7
Tested nominal output: (kW)	4.9	4.9	7.1
Flue gas mass flow: (g/s)	3.5	4.2	5.6
Mean CO emission (@13% O ₂): (%)	0.1	0.09	0.11
Mean OGC emission (@13% O ₂): (Nmg/m ³)	26	19	39
Mean NO _x emission (@13% O ₂): (Nmg/m ³)	94	102	116
DIN+ particulates (@13% O ₂): (Nmg/m ³)	10	9	10
Mean Flue Temperature: (Deg C)	254	281	271
Underhearth Temperature: (Deg C)	51.2	46.4	95
Safet Distances From Combustibles (standard flue connection)			
Side Wall: (mm)	550	450	600
Rear Wall: (mm)	700	650	650
Safety Distances From Combustibles (Schiedel Twin wall Insulated Flue)			
Side Wall: (mm)	500	250	500
Rear Wall: (mm)	75	50	100

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 the Regulation (EU) No. 305/2011 as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above.

Signed On Behalf Of Manufacturer:

ARADA
DEVON

J. Stantiford

18 February 2025