



DECLARATION OF PERFORMANCE

Manufacturer: Arada Ltd

Range Designation: I Series Free Standing Stoves

Intended Use: Domestic heating appliance

Independent Performance and Safety tested by: Kiwa Gastec, Notified Body No: 0558

Constancy of Performance System: ISO9001

Model	I600SLF-L-G2	I600SLF-M-G2
Approximate Output Range: (kW)	2 - 9	2 - 9
Harmonised EN European Standard (hEN):	BS EN 13240:2001 + Amd 2:2004	BS EN 13240:2001 + Amd 2:2004
Additional Characteristics Test Standard:		
Additional Particulate Emission Test Standard:	PD6434	PD6434
Test Report reference:	60603	60603
Performance Characteristics on Wood Fuel		
Total Efficiency: (%)	75.9	75.9
Declared nominal output: (kW)	4.9	4.9
Tested nominal Output: (kW)	4.9	4.9
Flue gas mass flow: (g/s)	4.9	4.9
Mean CO emission (@13% O ₂): (%)	0.28	0.28
Mean OGC emission (@13% O ₂): (Nmg/m ³)		
Mean NOx emission (@13% O ₂): (Nmg/m ³)		
DIN+ particulates (@13% O ₂): (Nmg/m ³)		
PD6434 Particulate Emissions High output: (gh-1)	2.2	2.2
PD6434 Particulate Emissions Low output: (gh-1)	2.3	2.3
Mean Flue Temperature: (Deg C)	275	275
Underhearth Temperature: (Deg C)	36.2	36.2
Approximate Max Log Length: (mm)	480	480
Performance Characteristics on Ancit Briquetted Smokeless Fuel		
Total Efficiency: (%):		
Declared nominal output: (kW)		
Tested nominal output: (kW)		
Flue gas mass flow: (g/s)		
Mean CO emission (@13% O ₂): (%)		
Mean OGC emission (@13% O ₂): (Nmg/m ³)		
Mean NOx emission (@13% O ₂): (Nmg/m ³)		
DIN+ particulates (@13% O ₂): (Nmg/m ³)		
Mean Flue Temperature: (Deg C)		
Underhearth Temperature: (Deg C)		
Safety Distances from Combustibles (standard flue connection)		
Side Wall: (mm)	200	200
Rear Wall: (mm)	350	350
Safety Distances from Combustibles (twin wall flue connection)		
Side Wall: (mm)		
Rear Wall: (mm)		

Signed

Chris Linwood
 Technical Director
 Jan-19