



DECLARATION OF PERFORMANCE

Manufacturer: Arada Ltd

Address: The Fireworks, Weycroft Avenue, Axminster, Devon, United Kingdom, EX13 5HU

Range Designation: Holborn S3 Balanced Flue

Intended Use: Domestic room heating appliance

Independent Performance and Safety tested CE: Intertek Itallia SpA, Notified Body No: 2575

Independent Performance and Safety tested UKCA: Intertek Testing & Certification Ltd, Notified Body No: 0359

Constancy of Performance System: Gas Appliance Regulation (EU) 2016/426

Model	HOLBORN NG BF	HOLBORN LPG BF
Internal Product Code :	HOLGAS-M-NG-BF	HOLGAS-M-LPG-BF
Intertek Test Report Number :	104891764LHD-001	104891764LHD-001
Harmonised EN European Standard (hEN):	BS EN613:2021*	BS EN613:2021*
Intertek Surveillance Certificate - UKCA:	UK-LHD-00000055	UK-LHD-00000055
Intertek Surveillance Certificate - CE:	ITS-2575-SRV-2233654**	ITS-2575-SRV-2233654**
Performance Characteristics On Designated Fuel		
Gas Type	G20 (Natural Gas)	G31 (Propane) & G30 (Butane)
Supply Pressure (Measured At Test Elbow): (mbar)	20	37 / 30
Nominal Heat Input(Qn) Gross At Maximum Rate: (kW)	5	5.5 / 5.5
Gas Consumption At Maximum Rate: (m3/h)	0.471	0.196/0.164
Nominal Heat Input(Qn) Gross At Minimum Rate: (kW)	3	2.7/2.7
Gas Consumption At Minimum Rate: (m3/h)	0.278	0.074/0.093
Efficiency Class 1	1	1
NOX: (mg/kWH)	76	81
Energy Efficiency At Maximum Rate: (Nett %)	C	C
Flue System Types:	C11 / C31 / C91	C11 / C31 / C91
Safety Distances (standard flue connection)		
Combustible Material Minimum Distance Side Wall: (mm)	300	300
Combustible Material Minimum Distance Rear Wall: (mm)	300	300
Combustible Material Minimum Distance Top Shelf: (mm)	280	280
Non Combustible Material Minimum Distance Side Wall: (mm)	50	50
Non Combustible Material Minimum Distance Rear Wall: (mm)	50	50
Non Combustible Material Minimum Distance Top Shelf: (mm)	50	50
Surface Temperature	PASS	PASS
Electrical Safety	PASS	PASS
Cleanability (Sooting)	PASS	PASS
Ignition Cross Lighting	PASS	PASS

NOTE: * Originally tested on BS EN613:2001 +A1:2008, now superceded by EN613:2021

NOTE: **CE valid upto 01/11/2022

Signed

Charlie Tribble
R&D Manager
Nov-22



DECLARATION OF PERFORMANCE

Manufacturer: Arada Ltd

Address: The Fireworks, Weycroft Avenue, Axminster, Devon, United Kingdom, EX13 5HU

Range Designation: Holborn Conventional Flue

Intended Use: Domestic room heating appliance

Independent Performance and Safety tested CE: Intertek Itallia SpA, Notified Body No: 2575

Independent Performance and Safety tested UKCA: Intertek Testing & Certification Ltd, Notified Body No: 0359

Constancy of Performance System: Gas Appliance Regulation (EU) 2016/426

Model	HOLBORN NG LOG	HOLBORN LPG LOG
Internal Product Code :	HOLGAS-M-LOG-NG	HOLGAS-M-LOG-LPG
Intertek Test Report Number :	103998742LHD-001	103998742LHD-001
Harmonised EN European Standard (hEN):	BS EN613:2021*	BS EN613:2021*
Intertek Surveillance Certificate - UKCA:	UK-LHD-00000055	UK-LHD-00000055
Intertek Surveillance Certificate - CE:	ITS-2575-SRV-2233654**	ITS-2575-SRV-2233654**
Performance Characteristics On Designated Fuel		
Gas Type	G20 (Natural Gas)	G31 (Propane) & G30 (Butane)
Supply Pressure (Measured At Test Elbow): (mbar)	20	37 / 29
Nominal Heat Input(Qn) Gross At Maximum Rate: (kW)	5	4.4/4.5
Gas Consumption At Maximum Rate: (m3/h)	0.47	0.157/0.121
Nominal Heat Input(Qn) Gross At Minimum Rate: (kW)	2.3	1.8/2.7
Gas Consumption At Minimum Rate: (m3/h)	0.23	0.061/0.074
Efficiency Class 1	1	1
NOX: (mg/kWH)	95	97/98
Energy Efficiency At Maximum Rate: (Nett %)	B	C
Safety Distances (standard flue connection)		
Combustible Material Minimum Distance Side Wall: (mm)	300	300
Combustible Material Minimum Distance Rear Wall: (mm)	300	300
Combustible Material Minimum Distance Top Shelf: (mm)	300	300
Non Combustible Material Minimum Distance Side Wall: (mm)	100	100
Non Combustible Material Minimum Distance Rear Wall: (mm)	50	50
Non Combustible Material Minimum Distance Top Shelf: (mm)	100	100
Surface Temperature	PASS	PASS
Electrical Safety	PASS	PASS
Cleanability (Sooting)	PASS	PASS
Ignition Cross Lighting	PASS	PASS

NOTE: *Originally tested on BS EN613:2001+A1:2008, now superseded by EN613:2021

NOTE: **CE Valid upto 01/11/2022

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