



DECLARATION OF PERFORMANCE

(In accordance with Regulation (EU) No. 305/2011)

PRODUCT

Type Wood Burning Stove
Product Name FireBob 100
Intended use Heating of rooms in residential buildings
Fuel Wood

MANUFACTURER

Name Firemaker LTD
Address Greylads, Larriston, Newcastleton, TD9 0SL, UK

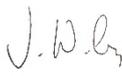
VERIFICATION

According to AVCP System 4
European Standard BS EN 13240:2001 + A2:2004 and EN16510-1:2018
Test Body Manufacturer Tested

DECLARED PERFORMANCE

ESSENTIAL CHARACTERISTICS	PERFORMANCE
Fire Safety	Pass
Fire Classification	A1
Distance to combustibles side	450
Distance to combustibles back	150
Risk of fuel escaping	Pass
Cleanability	Pass
Surface Temperature	Pass
Electrical Safety	n/a
Mechanical Resistance to carry a chimney	pass
Nominal heat output	15kW
Efficiency	77.1%
Emissions: CO (at 13% O ²)	0.078%
Emissions: CnHm (at 13% O ²)	Not Tested
Emissions: NOx (at 13% O ²)	Not Tested
Emissions: Dust (at 13% O ²)	28.2 mg/m ³
Flue gas temperature at nominal output	190°C

Signed for on behalf of the manufacturer:

Signed 
James Clegg
Director

Date: 20/01/2022

Manufacturer: Firemaker LTD, Greylads, Larriston, TD9 0SL, UK
Standard: EN 13240. Model: FireBob 100. Type: Wood Burning Stove.

DISTANCE TO COMBUSTIBLES BACK	150MM
DISTANCE TO COMBUSTIBLES SIDE	400MM
NOMINAL HEAT OUTPUT	15kW
TOTAL EFFICIENCY (NET)	77.1%
CO AT 13% O2	0.078%
CnHm	Not Tested
NOx	Not Tested
DUST	28.2 mg/m ³
MEAN FLUE GAS TEMP	190°C

- Read and follow the operating instructions
- Use only recommended fuels
- Not to be installed in a shared flue
- Capable of intermittent operation

UK CAC E ECODESIGN COMPLIANT

FireBob 100 Energy Labelling

Energy label:

$$EI = (N_{son} \times BLF) - 10\% + F2 + F3 - F4 - F5$$

$$N_{son} = 77.1\%$$

$$BLF = 1.45$$

$$F2 = 1\% \text{ (more than two manual stage control)}$$

$$F3 = 0\% \text{ (no room temperature controls)}$$

$$F4 = 0\% \text{ (no electricity)}$$

$$F5 = 0\% \text{ (no pilot flame)}$$

$$\text{Result } EI = 102.8\% = \mathbf{A}$$