



## DECLARATION OF PERFORMANCE

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

### PRODUCT

Type Wood Burning Stove  
Product Name FireBob 90  
Intended use Heating of rooms in residential buildings  
Fuel Wood

### MANUFACTURER

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

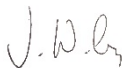
### VERIFICATION

According to AVCP System 3  
European Standard BS EN 13240:2001 + A2:2004 and EN16510-1:2018  
Test Body SGS Nederland B.V.

### 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	10.1kW
Efficiency	80.4%
Emissions: CO (at 13% O <sup>2</sup> )	0.8%
Emissions: CnHm (at 13% O <sup>2</sup> )	84 mg/m <sup>3</sup>
Emissions: NOx (at 13% O <sup>2</sup> )	118 mg/m <sup>3</sup>
Emissions: Dust (at 13% O <sup>2</sup> )	21 mg/m <sup>3</sup>
Flue gas temperature at nominal output	174°C

Signed for on behalf of the manufacturer:

Signed   
James Clegg  
Director

Date: 24/02/2022

Manufacturer: Firemaker LTD, Greylads, Larriston, TD9 0SL, UK  
Standard: EN 13240. Model: FireBob 90. Type: Wood Burning Stove.

DISTANCE TO COMBUSTIBLES BACK	150MM
DISTANCE TO COMBUSTIBLES SIDE	400MM
NOMINAL HEAT OUTPUT	10.1kW
TOTAL EFFICIENCY (NET)	80.4%
CO AT 13% O <sub>2</sub>	0.08%
CnHm	84 mg/m <sup>3</sup>
NO <sub>x</sub>	118 mg/m <sup>3</sup>
DUST	21 mg/m <sup>3</sup>
MEAN FLUE GAS TEMP	174°C

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

**UK  
CAE**  **ECODESIGN COMPLIANT**

## **FireBob 90 Energy Labelling**

### **Energy label:**

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

$$\underline{N_{son} = 80.4\%}$$

$$\underline{BLF = 1.45}$$

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

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

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

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

$$\underline{\text{Result } EEI = 107.6\% = \mathbf{A+}}$$