

5. DECLARATION OF PERFORMANCE



DECLARATION OF PERFORMANCE

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

1. Unique identification code of the product type

ESSE IH-ECO

2. Product description

Ironheart

3. Intended use of the product

Residential cookers fired by solid fuel

4. Manufacturer

ESSE Engineering Ltd, Ouzledale Foundry, Long Ing, Barnoldswick, Lancashire, UK, BB18 6BJ

5. Authorised representative

n/a

6. System of assessment

System 3

7. Notified laboratory

The notified laboratory SGS Nederland BV, laboratory No. 0608 preformed the determination of the product type on the basis of type testing under system 3 and issued test report Ref. EZKA/2020-01/00032-1

8. Declared performance

	Wood	Ancit
• Harmonised technical specification	EN 12815:2001 +A1:2004	n/a
• Essential characteristics	Performance	n/a
• Fire safety	-	-
- Reaction to fire	A1	n/a
- Distance to combustible materials	Rear: 400mm Sides: 500mm	n/a
- Risk of burning fuel escaping	Pass	n/a
• Emission of combustible product (CO)	0.07%	n/a
• Surface Temperature	Pass	n/a
• Electrical Safety	n/a	n/a
• Cleanability	Pass	n/a
• Maximum operating pressure	n/a	n/a
• Flue gas temperature at nominal heat output	215°C	n/a
• Mechanical resistance (to carry a chimney / flue)	Pass	n/a
• Thermal properties	-	-
- Nominal heat output	7.6 kW	n/a
- Room heating output	7.6 kW	n/a
- Water heating output	n/a	n/a
• Efficiency	80.6%	n/a

9. Conformity

The performance of the product identified in points 1 and 2 is in conformity with the declared performance given in point 8

Signed for on behalf of the manufacturer

Signed M. Ashby

Date 09/06/20

Martin Ashby
Managing Director

R1 06/20

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