

DECLARATION OF PERFORMANCE
(In accordance with Annex III of Regulation (EU) 305/2011)

No. 22

1. Identification code of Product type: GRSFHB

2. Type: **GRAINNE BOILER STOVE**

3. Intended use of the construction product

Space Heating in residential buildings with supply of hot water.

4. Name, contact address of the manufacturer

Manufactured at, Unit 401-403, IDA Industrial Estate, Cork Road, Waterford, Ireland.

By Waterford Stanley part of the AGA RANGEMASTER group.

5 Not applicable

6. System 3 assessment and verification of constancy of performance.

7.

Product certified by:

Kiwa Gastec Notified body no 0558 assessed the product against

BS EN 13240:2001 + A2:2004

Performed under system 3 and issued test report no 6312-2

9. Declared Performance

| Harmonized technical specification | EN13240:2001+A2:2004 | EN13240:2001+A2:2004 |
|---|--|--|
| Essential characteristics | Performance (wood) | Performance (coal) |
| Fire safety | | |
| Reaction to fire A1 | A1 | A1 |
| Distance to combustible materials | Minimum distances, in mm rear 150 sides 150 ceiling - | Minimum distances, in mm rear 150 sides 150 ceiling - |
| Risk of burning fuel falling out | Pass | Pass |
| Emission of combustion products | CO [.81 %] | CO [.56 %] |
| Surface temperature | Pass | Pass |
| Electrical safety | Pass | Pass |
| Cleanability Pass | Pass | Pass |
| Maximum operating pressure | 2 bar | 2 bar |
| Flue gas temperature at nominal heat output | T [262 °C] | T [220 °C] |
| Mechanical resistance (to carry a chimney/flue) | Pass | Pass |
| Thermal output | | |
| Nominal heat output | 8.0 kW | 7.9 kW |
| Room heating output | 3.2 kW | 3.4 kW |
| Water heating output | 4.2kW | 4.5kW |
| Energy efficiency | η [76.9 %] | η [78.2 %] |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4. Signed for and on behalf of the manufacturer by:

Michael Stack – Technical Director

.....
(name and function)

Waterford Stanley 14th August 2013

.....
(place and date of issue)

Michael Stack
.....
(signature)