

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

No. 92



1. Identification code of Product type: FESFBSE
2. Type: **FERN BOILER STOVE**
3. Intended use: Space Heating in residential buildings with supply of hot water.
4. Manufacturer: Waterford Stanley  
Manufacturer address: Unit 401-403, IDA Industrial Estate, Cork Road, Waterford, Ireland
6. System 3 assessment and verification of constancy of performance.
7. Product certified by:  
SGS Notified body no 1639 assessed the product against  
BS EN13240:2001 |+ A2:2004  
Performed under system 3 and issued test report no EZKA/2023-07/00002-3

9. Declared Performance

| Harmonized technical specification               | BSEN13240:2001  + A2:2004 | Performance (Mineral smokeless fuel) |
|--|---------------------------|--------------------------------------|
| Essential characteristics                        |                           |                                      |
| Fire safety                                      |                           |                                      |
| Reaction to fire A1                              |                           | A1                                   |
| Distance to combustible materials                | Minimum distances, in mm  | Sides 100<br>Rear 250                |
| Risk of burning fuel falling out                 |                           | Pass                                 |
| Surface temperature                              |                           | Pass                                 |
| Electrical safety                                |                           | Pass                                 |
| Cleanability                                     |                           | Pass                                 |
| Maximum operating pressure                       | Bar                       | 2.5                                  |
| Flue gas temperature at nominal heat output      | °C                        |                                      |
| Mechanical resistance (to carry a chimney/ flue) |                           | Pass                                 |
| Thermal output                                   |                           |                                      |
| Nominal heat output                              | kW                        | 12.6                                 |
| Room heating output                              | kW                        | 3.9                                  |
| Water heating output                             | kW                        | 8.7                                  |
| Energy efficiency, $\eta$                        | %                         | 75                                   |
| Emissions  |                           |                                      |
| CO   | % @13% O2                 | 0.07                                 |
| Nox  | mg/m3 @13% O2             | 113                                  |
| OGC  | mg/m3 @13% O2             | 8                                    |
| PM   | mg/m3 @13% O2             | 15                                   |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point no. 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:

Waterford Stanley. 22/02/2024

Noel Hannan - R&D Manager