

**DECLARATION OF
PERFORMANCE**

According to regulation (EU) 305/2011

No 87



- | | |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1. Unique identification code of the product type: | LIR500 |
| 2. Type | Lir Pellet Stove |
| 3. Intended use: | Residential space heating appliance fired by wood pellets without hot water supply. |
| 4. Manufacturer | Waterford Stanley |
| 5. System or systems of assessment and verification of constancy of performance: | System 3 |
| 6. Harmonised standard: | EN 14785:2006 |
| Notified laboratory: | SGS Nederland BV (NB 0608) |
| Report number: | EZKA/2020-04/0000x-xx |
| 7. Declared performance: | |

Essential characteristics	Performance	Harmonised standard
Fire safety		
Reaction to fire:	Pass	EN 14785:2006
Distance to combustible materials:	Front: 80 cm	EN 14785:2006
	Back: 10 cm	
	Sides: 10 cm	
	Ceiling: -	
Risk of burning fuel falling out:	Pass	EN 14785:2006
Surface temperature:	Pass	EN 14785:2006
Emission of combustion products		
Nominal heat output: (at 13% O ₂)	CO: 0,02 vol%	EN 14785:2006
	CO: 226 mg/m ₀₃	
	NO _x : 191 mg/m ₀₃	
	C _x H _y : 11 mg/m ₀₃	
	Dust: 16 mg/m ₀₃	
Reduced heat output: (at 13% O ₂)	CO: 0,06 vol%	EN 14785:2006
	CO: 726 mg/m ₀₃	
	NO _x : 164 mg/m ₀₃	
	C _x H _y : 19 mg/m ₀₃	
	Dust: 26 mg/m ₀₃	
Electrical safety:	Pass	EN 60335-2-102
Cleanability:	Pass	EN 14785:2006
Maximum operating pressure:	- bar	EN 14785:2006
Flue gas temperature:	T [110°C]	EN 14785:2006
Mechanical resistance (to carry a chimney/flue):	N.P.D.	
Thermal performance		
Nominal heat output:	5,0 kW	EN 14785:2006
Room heating output:	5,0 kW	
Water heating output:	-	
Energy efficiency		
Nominal heat output:	η[91,8%]	EN 14785:2006
Reduced heat output:	η[94,8%]	
Durability:	Pass	

The performance of the product identified in points 1 and 2 is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by:

Date, Place

17/01/2023

Signature, Technical Manager

Roel Herrewé