



## DECLARATION OF PERFORMANCE

According to Regulation (UE) 305/2011

- 1.Unique identification code of the product type : OLYE23  
2.Model and/or batch and/or serial number (art.11-4) : **LYRA ECO 23**  
3.Intended uses of the product in accordance with the applicable harmonized technical specification,as foreseen by the manufacturer : Residential space heating appliance fired by solid fuel (wood pellets) with hot water production  
4.Name or registered trade mark and address of the manufacturer (art. 11-5) : CS THERMOS SRL  
Via Padania,35 - 31020 San Vendemiano (TV) - Italia  
5.Where applicable, name and address of the agent (art. 12-2) : --  
6.Assessment and verification system for constancy of performance (annex 5) : System 3  
7.Notified Laboratory : KIWA CERMET ITALIA SpA (NB 0476)  
Test report number (based on System 3) 2003676/C-526  
8. Declared performance

Harmonized technical specification	EN 303-5:2012
Essential characteristics	Performance
Reaction to fire	A1
Distance to combustible materials	Minimum distance in mm : Rear = 500mm Side = 500mm Front = 1000mm Floor = --
Risk of burning fuel falling out	Pass
Emission of combustion products (mg/Nm <sup>3</sup> -10% de O <sub>2</sub> ) Nominal heat output	CO 86 NOx 159 OGC 1,9 PM 7,7
Surface temperature	Pass
Electrical safety	Pass
Cleanability	Pass
Maximum operating pressure	3bar
Mechanica resistance (to carry a chimney flue)	NPD
Thermal output Nominal heat output Water heating output	20,81kW 20,81kW
Efficiency Nominal heat output Reduced heat output	93,80% 90,15%
Flue gas temperature Nominal heat output	109,5°C

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

This declaration of performance is issued under the sole responsibility of the manufacturer in point 4.

San Vendemiano, 23-07-2019

Signed for and on behalf of the manufacturer:

**Andrea Da Ros**  
Technical Manager