



## DECLARATION OF PERFORMANCE

According to Regulation (UE) 305/2011

- |   |   |
|---|---|
| 1.Unique identification code of the product type  | : OARIAP12  |
| 2.Model and/or batch and/or serial number (art.11-4)  | : <b>ARIANNA 12 PLUS</b>  |
| 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) without hot water production |
| 4.Name or registered trade mark and address of the manufacturer (art. 11-5)   | : CS THERMOS SRL<br>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)  | 2003081/01  |
| 8. Declared performance   |   |

|   |  |
|---|--|
| Harmonized technical specification  | EN 14785:2006  |
| Essential characteristics   | Performance  |
| Reaction to fire  | A1   |
| Distance to combustible materials   | Minimum distance in mm :<br>Rear = 500mm<br>Side = 500mm<br>Front = 1000mm<br>Floor = -- |
| Risk of burning fuel falling out  | Pass   |
| Emission of combustion products (mg/Nm <sup>3</sup> -13% de O <sub>2</sub> )<br>Nominal heat output | CO 108<br>NOx 113,4<br>OGC 5<br>PM 16,8  |
| Surface temperature   | Pass   |
| Electrical safety   | Pass   |
| Cleanability  | Pass   |
| Maximum operating pressure  | NPD  |
| Mechanica resistance (to carry a chimney flue)  | NPD  |
| Thermal output<br>Nominal heat output<br>Reduced nominal heat output                                | 11,97kW<br>4,98kW  |
| Efficiency<br>Nominal heat output<br>Reduced heat output  | 90,87%<br>93,83%   |
| Flue gas temperature<br>Nominal heat output<br>Reduced heat output                                  | 107,9°C<br>73,9°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, 28-09-2020

Signed for and on behalf of the manufacturer:

**Andrea Da Ros**  
Technical Manager