

## DECLARATION OF PERFORMANCE

According to Regulation (EU) No 305/2011

No. 0128

- 1 Unique identification code for the product type : Automatically stoked residential space heater for wood pellets EN 14785:2006
- 2 Model and/or batch no. and/or series no (Art. 11.4) : **HYDRA 24 / HYDRA 24 PLUS**
- 3 Intended use or uses of the product in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer : Residential space heating appliance fired with wood pellets
- 4 Name or registered trade mark and contact adress of the manufacturer (Art. 11.5) : BOYSIS MAKINE TAAHHUT SANAYI ve TICARET A.S.  
Şerifali Mahallesi Hüsrev Sokak No.2 Erişkenler Plaza Kat 3, 34775, İstanbul/TURKIYE
- 5 Name and address of the agent (Art 12.2) : N.A.
- 6 System(s) of assessment and verification for constancy of performance of the product (Annex V) : System 3
- 7 Certificate of Conformity released by In accordance with EU regulations And harmonised standards With certificate/report number : "SZU Engineering Test Institute"  
Hudcova 424/56 b, 621 00 Brno  
EN 14785:2006  
30-15989/2/T
- 8 In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: : N.A.
- 9 Declared performance

Harmonised technical specification	EN 14785:2006
Essential characteristics	Performance
Fire Safety	Pass
Release of harmful exhaust gases and falling out of fuel	Pass
Distance to combustible materials	Minimum distances in (mm); Rear = 150 Sides = 200 Floor = 0 (if supplied supporter feet installed) Front = 800 Ceiling= ---
Emission of combustion products (at 13% O <sub>2</sub> )	Nominal heat output: CO [0,008%] [83 mg/m <sup>3</sup> ] Reduced heat output: CO [158 mg/m <sup>3</sup> ]
Surface temperature	Pass
Risk assessment	Pass
Cleanability	Pass
Maximum water operating pressure	---
Mechanical resistance (to carry a chimney/flue)	NPD
Flue gas temperature at nominal heat output	T [132 °C]
Nominal heat output	24,7 kW
Room heating output	.....
Water heating output	21,3 kW
Efficiency	Nominal heat output $\eta$ [90,8%] Reduced heat output $\eta$ [92,1%]

- 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:

Murat Gedik [Sales Consultant]  
Bursa, 2nd October, 2023

