

DECLARATION OF PERFORMANCE	
Nr: <b>ZUZIA ECO</b>	
ISSUE: 1/2018/EN	DATE OF ISSUE: 02.01.2018

1. Unique identification code of the product-type: <b>ZUZIA/ECO</b>		
2. Intended use or uses: <b>Central heating by radiation and convection</b>		
3. Manufacturer: <b>Kratki.pl Marek Bal</b> <b>Wsola ul. Gombrowicza 4, 26-660 Jedlińsk, Poland</b>		
4. The system of assessment and verification of constancy of performance: <b>System 3</b>		
5. Name and identification number of the notified body: <b>INSTYTUT ENERGETYKI (NB 1452), 01-330 WARSZAWA, ul. Mory 8, Poland</b> , has carried out initial type testing in accordance with System 3		
6. Declared performance in accordance with the harmonised standard: <b>EN 13229:2001 + EN 13229:2001/A1:2003 + EN 13229:2001/A2:2004 + EN 13229:2001/AC:2006 + EN 13229:2001/A2:2004/AC:2007</b> <i>„Inset appliances including open fires fired by solid fuel. Requirements and test methods”</i>		
Basic characteristics	Properties of performance	Harmonised technical specification
Fire safety	NPD	EN 13229:2001 EN 13229:2001/A1:2003 EN 13229:2001/A2:2004 EN 13229:2001/AC:2006 EN 13229:2001/A2:2004/AC:2007
Emission CO (13% O <sub>2</sub> )	0,09 %	
Dust Emission	16 mg/m <sup>3</sup>	
The temperature of outer surfaces	Meet requirements	
Electric safety	NPD	
Maximum working pressure	NPD	
Mechanical resistance (exhaust pipes and flue)	Flue: meet requirements $\varnothing_z = 197 \text{ mm}$ ; $L = 47 \text{ mm}$ ; Exhaust pipes: meet requirements $\geq 30 \text{ mm}$	
Power rating	12 kW	
Range of power rating	4 – 15,5 kW	
Heat output for heating	12 kW	
The average power from the water	Not applicable	
Efficiency	81 %	
Temperature of fumes	240 °C	
Parts of the fireplace does not contain asbestos. For the production hasn't been used cadmium and any heavy metals		

Performance characteristics of the product identified above are consistent with the set of declared performance properties. The Declaration of Performance has been issued in compliance with the Regulation (UE) 305/2011 in sole responsibility of the manufacturer definite above



mgr Bartosz Piechnik  
  
 Kierownik  
 Działu Badawczo Rozwojowego

Wsola, 02.01.2018  
 (Place and date)

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 Signature (On the behalf of the producer)