

**DECLARATION OF PERFORMANCE**
**Nr: MBO PW 15**
**ISSUE: 1/2018/EN**
**DATE OF ISSUE: 28.09.2018**


1. Unique identification code of the product-type: <b>MBO/PW/15</b>		
2. Intended use or uses: <b>Convection and heating of water used by central heating systems and water heating appliances</b>		
3. Manufacturer: <b>Kratki.pl Marek Bal 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, has carried out initial type testing in accordance with System 3</b>		
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	<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>
Emission CO (13% O <sub>2</sub> )	0,10 %	
Dust Emission	7 mg/m <sup>3</sup>	
The temperature of outer surfaces	Meet requirements	
Electric safety	NPD	
Maximum working pressure	2 bar	
Mechanical resistance (exhaust pipes and flue)	Flue: meet requirements Ø <sub>z</sub> = 198 mm; L = 40 mm; Exhaust pipes: meet requirements ≥ 30 mm	
Power rating	15 kW	
Range of power rating	6 - 18 kW	
Heat output for heating	7 kW	
The average power from the water	8 kW	
Efficiency	83 %	
Temperature of fumes	210 °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



Wsola, 28.09.2018  
(Place and date)

mgr Bartosz Piechnik

  
Kierownik  
Działu Badawczo Rozwojowego

.....  
Signature (On the behalf of the producer)