

ECODESIGN TEST CERTIFICATE

Extract of report no.: 300-ELAB-2430

Manufacturer: NIBE-BIAWAR sp. z o.o
Al. Jana Pawla II 57, 15-703 Bialystok
VAT nr. PL5420200292

Product: Biofuel boiler



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Model: Pellux Compact boiler & PBMAX 12.1 burner
Pellux Compact Touch boiler & PBMAX 12.1 burner
Pellux Compact 12 boiler & PBMAX 12.1 burner
Pellux Compact 12 Touch boiler & PBMAX 12.1 burner
Metrocompact 12 boiler & PBMAX 12.1 burner

Procedure: Testing according to EN 303-5:2012

Requirements: Commission regulation (EU) No. 2015/1189, Annex II, Article 1

Stoking princ.: Automatic **Fuel:** Biomass

Testing has been carried out with wood pellets (C1) with the following results:

TEST RESULTS

Measurement	Unit	Result	Limits
Nominal heat output	kW	13,2	
CO at 10% O ₂	mg/m _n ³	115	
OGC at 10% O ₂	mg/m _n ³	< 6	
Dust at 10% O ₂	mg/m _n ³	33	
NO _x at 10% O ₂	mg/m _n ³	194	
Efficiency	%	93,4	
Minimum heat output	kW	3,5	
CO at 10% O ₂	mg/m _n ³	402	
OGC at 10% O ₂	mg/m _n ³	18	
Dust at 10% O ₂	mg/m _n ³	31	
NO _x at 10% O ₂	mg/m _n ³	157	
Efficiency	%	89,1	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	359	500
OGC at 10% O ₂	mg/m _n ³	16	20
Dust at 10% O ₂	mg/m _n ³	31	40
NO _x at 10% O ₂	mg/m _n ³	163	200
Seasonal space heating energy efficiency			
η _s	%	78,4	75
η _{son}	%	83,1	
F1	%	3,0	
F2	%	1,7	

Please note that the stated values are an extract from the test report. For further information please refer to the test report.

Aarhus, 7. October 2019

Torben Nørgaard Jensen
B. Sc.

This certificate has been conducted and calculated on the basis of an accredited test report performed by the test institute under the accreditation of DANAK member of EA and ILAC.