

ECODESIGN TEST CERTIFICATE

Extract of report no.: 300-ELAB-2306

Manufacturer: KS Bioenergi ApS
Fladmose Stræde 1, 5900 Rudkøbing
CVR nr. 36979992 P nr. 1020620427

Product: Biofuel boiler



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Model: Roteq 12

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	11.2	
CO at 10% O ₂	mg/m _n ³	388	
OGC at 10% O ₂	mg/m _n ³	6	
Dust at 10% O ₂	mg/m _n ³	23	
NO _x at 10% O ₂	mg/m _n ³	182	
Efficiency	%	95.6	
Minimum heat output	kW	3.3	
CO at 10% O ₂	mg/m _n ³	447	
OGC at 10% O ₂	mg/m _n ³	15	
Dust at 10% O ₂	mg/m _n ³	25	
NO _x at 10% O ₂	mg/m _n ³	163	
Efficiency	%	96.1	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	438	500
OGC at 10% O ₂	mg/m _n ³	14	20
Dust at 10% O ₂	mg/m _n ³	24	40
NO _x at 10% O ₂	mg/m _n ³	166	200
Seasonal space heating energy efficiency			
η _s	%	85	75
η _{son}	%	88.8	
F1	%	3.0	
F2	%	1.1	

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

Aarhus, 15. September 2021

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