

ECODESIGN TEST CERTIFICATE

Extract of report no.: 300-ELAB-2282

Manufacturer: CN MASKINFABRIK A/S
Skovløkkevej 4, 6510 Gram
CVR nr. 15101733

P nr. 1000860133

Product: Biofuel boiler



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Model: CN40

Procedure: Testing according to EN 303-5:2012

Requirements:

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	46	
CO at 10% O ₂	mg/m _n ³	80	
OGC at 10% O ₂	mg/m _n ³	< 6	
Dust at 10% O ₂	mg/m _n ³	39	
NO _x at 10% O ₂	mg/m _n ³	183	
Efficiency	%	92.2	
Minimum heat output	kW	12.1	
CO at 10% O ₂	mg/m _n ³	79	
OGC at 10% O ₂	mg/m _n ³	< 6	
Dust at 10% O ₂	mg/m _n ³	29	
NO _x at 10% O ₂	mg/m _n ³	125	
Efficiency	%	88.4	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	79	500
OGC at 10% O ₂	mg/m _n ³	< 6	20
Dust at 10% O ₂	mg/m _n ³	30	40
NO _x at 10% O ₂	mg/m _n ³	134	200
Seasonal space heating energy efficiency			
η _s	%	78	77
η _{son}	%	82.4	
F1	%	3.0	
F2	%	1.3	

Aarhus, 30. November 2021

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