

ECODESIGN TEST CERTIFICATE

Extract of report no.: 300-ELAB-2149

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

P nr. 1000860133

Product: Biofuel boiler



**DANISH
TECHNOLOGICAL
INSTITUTE**

Teknologiparken
Kongsvang Allé 29
DK-8000 Aarhus C
Phone +45 72 20 10 00
Fax +45 72 20 10 19
Info@teknologisk.dk

Model: CN120

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	124	
CO at 10% O ₂	mg/m _n ³	5,6	
OGC at 10% O ₂	mg/m _n ³	< 6	
Dust at 10% O ₂	mg/m _n ³	32	
NO _x at 10% O ₂	mg/m _n ³	208	
Efficiency	%	90.1	
Minimum heat output	kW	34	
CO at 10% O ₂	mg/m _n ³	127	
OGC at 10% O ₂	mg/m _n ³	< 6	
Dust at 10% O ₂	mg/m _n ³	37	
NO _x at 10% O ₂	mg/m _n ³	182	
Efficiency	%	90.5	
Seasonal emissions			
CO at 10% O ₂	mg/m _n ³	109	500
OGC at 10% O ₂	mg/m _n ³	< 6	20
Dust at 10% O ₂	mg/m _n ³	36	40
NO _x at 10% O ₂	mg/m _n ³	186	200
Seasonal space heating energy efficiency			
η _s	%	80	77
η _{son}	%	83.6	
F1	%	3.0	
F2	%	0.8	

Aarhus, 30. November 2021

Anders Pødenphant
B. Sc.