

Test reports



Jydepejs H530

1. Prøvnings- / Skorstensfejerattest DK s. 1
2. Test report for DE/UK s. 2



TEST Reg.nr. 300



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Akkrediteret prøvningsorgan, DANAK-akkreditering nr. 300

Notificeret prøvningsorgan med ID-nr. 1235

Prøvningsattest II

Uddrag af rapport nr. 300-ELAB-1263-EN og 300-ELAB-1263-NS

Emne: Pejseindsats H530

Rekvirent: Jydepejsen A/S

Ahornsvinget 3-7, 7500 Holstebro

CVR nr.: 88387716 P-nr.: 1002792475

Procedure:

X	Prøvning efter DS/EN13240/A2:2004
X	Prøvning efter NS3058-1 & -2 (partikelmåling)
X	Emissionsmåling efter CEN/TS 15883 (støv og OGC)

Prøvningsresultater

Akkrediteret prøvning af brændeovn iht. EN 13240 er foretaget med brænde der påfyres manuelt, og følgende resultater blev opnået:

Nominel ydelse: 8,0 kW
 CO-emission: 0,10 % - henført til 13 % O₂
 Virkningsgrad: 73 %
 Røggastemperatur: 325 °C
 Afstand til bagvæg: - Se vejledning
 Afstand til sidevæg: - Se vejledning

Emissioner iht. NS 3058 og/eller CEN/TS 15883:

Partikler efter NS 3058: 3,00 g/kg (tørstof) middelværdi (krav 2015:5 / 2017:4)
 Partikler efter NS 3058: 4,16 g/kg (tørstof) maksimalt (krav 2015:10 / 2017:8)
 OGC efter CEN/TS 15883: 113 mgC/Nm³ ved 13% O₂ (krav 2015:150 / 2017:120)
 Støv efter CEN/TS 15883: 29 mg/Nm³ ved 13% O₂ (krav 2015:40 / 2017:30)

Bemærk venligst, at de oplyste værdier er et uddrag af prøvningsrapporten.
 For yderligere oplysninger henvises til prøvningsrapporten, se nummer ovenfor.

Aarhus, den 28. maj 2015 Kim Sig Andersen Konsulent	Skorstensfejerpåtegning
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På baggrund af ovennævnte emissioner attesteres det hermed, at fyringsanlægget opfylder emissionskravene i bilag 1 til Bekendtgørelse nr. 46 af 22/01-2015 om regulering af luftforurening fra fyringsanlæg til fast brændsel under 1 MW, for så vidt:

Krav fra 2015 til januar 2017 opfyldt:	X	Krav efter januar 2017 opfyldt:	X
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DANAK

TEST Reg. No. 300

COPY



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TEST REPORT (Translation of original Danish report)

Date: 2008.06.11

Report No.: 300-ELAB-1263-EN

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Initials: JSA/HAC/MART

Order No.: 243493

Number of appendices: 1

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Requested by: Contact person: Claus Ragborg
 Company: Jydepejsen A/S
 Address: Ahornsvinget 3-7, Nr. Felding
 Postcode/town: DK-7500 Holstebro Country: Denmark
 Tel.: +45 9610 1200

Product: Solid fuel stove Type: H530 Insert appliance Test fuel: Firewood
 Manufacturer: Jydepejsen A/S
 Address: Ahornsvinget 3-7, Nr. Felding
 Postcode/town: DK-7500 Holstebro Country: Denmark

Deadlines: Date of receipt: 2008.01.15
 Date of testing: 2008.02.25 – 2008.03.06

Procedure: Testing of solid fuel stove according to DS/EN 13240:2001 and DS/EN 13240:2001/A2:2004. Furthermore, dust measurement according to method DIN+ and measurement of OGC in accordance with SP-metod 1425. The uncertainty of the measurements meets the requirements in DS/EN 13240 paragraph A3.

Result: The stove meets the requirements in paragraphs 4, 5, 6, 7 and 8.

Remarks: See paragraph 2. This is a translation of the Danish test report dated 2008.03.28. In case of doubt, the Danish version of the test report prevails.

Terms: Testing has been carried out on the conditions stated overleaf in compliance with the guidelines laid down for the laboratory by DANAK (Danish Accreditation) and in compliance with DTI's General Terms and Conditions Regarding Commissioned Work Accepted by the Danish Technological Institute (DTI), November 2006. The test results apply to the tested samples only. This test report may be reproduced in extracts only if the laboratory has approved the extract in writing.

Place: Danish Technological Institute, Energy Laboratory

Date: 11/6 2008

Signature: Jes Sig Andersen
 Consultant

Test results

4.1. Nominal test according to A.4.7 with birch wood as test fuel

Parameter	Value			Requirement	Unit
	Charge 1	Charge 2	Charge 3		
Number of pieces of firewood per charge	3	3	3	-	pcs.
Weight per charge	2.57	2.53	2.55	-	kg
Water content	13	13	13	16 ± 4	%
Lower calorific value	15.67	15.67	15.67	-	MJ/kg
Test duration	0.83	0.97	1.05	Min. 0.75 h (in one charge)	h
Fuel consumption per hour	3.11	2.62	2.43	-	Kg/h
Mean ambient temperature	28	29	28	-	°C
Flue gas temperature at 20 °C ambient temperature	330	320	309	-	°C
CO ₂ , mean value	9.3	8.3	7.8	-	%
CO, mean value	0.11	0.12	0.14	-	%
THC, mean value	168	287	198	-	ppm
Dust emission (DIN+ method)	18.8	37.6	31.8	-	Mg/Nm ³
Flue draught, mean value	12	12	12	12 ± 2	Pa
Heat conduction system					
Water flow rate				-	l/h
Water temperature – inlet				-	°C
Water temperature – return				-	°C
Mean values calculated on the basis of 1st and 2nd charges					
Flue gas temperature at 20 °C ambient temperature			325	-	
Flue gas mass flow			9.4	-	g/sec.
Efficiency			73	≥50	%
Nominal heat output, total (measured)			9.0	-	kW
Nominal heat output, room (measured)			9.0	-	kW
Nominal heat output, water (measured)				-	kW
CO ₂ , mean value			8.8	-	%
CO at 13% O ₂			0.10	≤1.0	%
Dust emission (DIN+ method)			29	75	Mg/Nm ³
OGC at 13% O ₂			113	-	mg/m ³ _n
Stated by the manufacturer					
Nominal output			8	7.8 – 9.0 ¹⁾	kW
Refuelling interval per charge at the stated output			64	Min. 45	minutes

1) The measured output must not vary more than ± 15% from the stated nominal output. Furthermore, the stated nominal output should not be higher than the maximum output in at least one charge.