

TEST REPORT

Report no.:
300-ELAB-2336-EN



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Page 1 of 9
Init.: REHV/MGJN
Order no.: 808106
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Product: Solid fuel stove Type: Zeta box

Sample: Receipt at DTI, Aarhus: 24.05.2018, sampled by Jydepejsen

Test period: Date of testing: 28.05.2017 - 31.05.2017

Procedure Testing of a solid fuel stove in accordance with DS/EN 13240:2003 and DS/EN 13240/A2:2004. Emission measurements are in accordance with DS/CEN/TS 15883 and FprEN 16510-1. See paragraph 5. The uncertainty of the measurements meets the requirements of DS/EN 13240 paragraph A3, and relevant parts of DS/CEN/TS 15883 and FprEN 16510-1.

Result: The stove meets the requirements of EN 13240.

Remarks: See paragraph 2 - Remarks.

Terms: Accredited testing was carried out in compliance with the current guidelines laid down by DANAK (The Danish Accreditation), cf. www.danak.dk, and the general terms and conditions of The Danish Technological Institute. The test results apply to the tested products only. This test report may be reproduced in extract only if the laboratory has approved the extract in writing. Danish Technological Institute is Notified Body with identification number 1235 and DIN Certco test laboratory, PL 168.

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Test reg. no. 300



1. Documentation material

- Installation manual and user's instruction
- Drawings
- CE-label
- Variant overview

The documentation material is enclosed as a digitally signed PDF file.

2. Remarks

Zeta Box is an updated version of the previously tested inset appliance H530 (test rapport 300-ELAB-1263-EN). The outer measurements of the combustion chamber are identical with the previously tested appliance, but Jydepejsen wishes to sell the appliance as a free-standing stove as well. The combustion chamber is therefore installed inside a steel enclosure, and furthermore has the air supply for the combustion been updated.

3. The basis of the test

This report concerns testing of a free-standing stove, Zeta Box, with production number 1166871. The stove has been subject to random sampling and is representative for appliances from the production. The manufacturer must be in possession of a written declaration of the above-mentioned.

Testing was carried out by Danish Technological Institute, Kongsvang Allé 29, DK-8000 Aarhus C, Denmark.

The thermal loss in the flue gas was calculated according to a corrected formula. In formula 4 in the standard the factor 1.92 was corrected to 1.244 during the calculation.

4. Product description

4.1. Test specimen

The stove weighs 162 kg.

The solid fuel appliance is not equipped with a catalyst.

The dimensions of the bottom in the firebox are:

Breadth: 592 mm
Depth: 287 mm

The flue spigot has a diameter of 150 mm. The flue spigot can optional be attached on the top or at the back of the stove.

Accessories:

- Assembly manual and user's instructions
- Glove

Zeta Box is a plate iron stove in a steel enclosure with convection air around of the combustion chamber. The Zeta Box has a fuel storage container beneath the combustion chamber with an



extra steel radiation plate with 25mm convection air in between. Without this extra steel plate and convection air gap the storage room beneath the stove is not suitable for combustible material.

The stove is not equipped with neither a vibration grate or an ash pan, but has a fire door with a glass pane.

The inner sides of the firebox are lined with vermiculite. Combustion air is supplied as secondary air, tertiary air and pilot air.

Pilot air is constantly supplied at the bottom back side of the firebox.

Secondary air is supplied via a crevice above the fire door (air wash), and tertiary air is supplied via holes in the back side of the firebox.

The amount and the distribution of the combustion air are controlled by a single operating handle at the front of the stove.

4.2. Variants

Danish Technological Institute has assessed the following variants:

- Zeta Freestanding
- Zeta Base
- Zeta Wall

The variants are designed with the same type of firebox and air system as the tested stove or with a firebox that is insignificantly different from the tested.

The differences are for the following variants:

- Zeta Freestanding is supplied with a separate storage container beneath the combustion chamber with the same air convection air space between the two – as tested for safety properties (see paragraph 6.2).
- Zeta Base has a base beneath the combustion chamber instead of a storage fuel container. Minimum height of the base should be at least 330mm (see "Hearth distance" in paragraph 6.2)
- Zeta Wall is a wall mounted variant, which means this version only are meant to be installed against none-combustible material and not lower than min. 330mm from the hearth (see paragraph 6.2).

Danish Technological Institute assesses that all the appliances have identical or better combustion and environmental properties.

Please find the documentation of the variants in a separate digitally signed file; "Documentations set".

4.3. Boiler

The stove is not equipped with a boiler.



5. Arrangement and premises for test

The solid fuel stove was installed in accordance with clause A.4.1.

Test of nominal output in accordance with clause A.4.7 was carried out with birch wood, and the test load applied was 2.1 kg according to clause A.4.2 based on the manufacturer's information.

For nominal testing the door was kept ajar for approx. 0:50minutes after refuelling and the secondary air supply was slowly set for approx. 60% after 2:45 minutes after refuelling time until the end of the burn cycle.

The manufacturer quotes that the refuelling interval at nominal output is 55 minutes.

Safety test was carried out according to clause A.4.9.2.2. Sawn spruce wood was applied as fuel and the fuel load was calculated to 4.55 kg according to sub clause A.4.9.2.2.1.

For safety testing the secondary air supply was set at 100% from the beginning of the test until the end of the burn cycle.

The stove was tested with intermittent operation.

Emission of NO_x was determined in accordance with DS/CEN/TS 15883:2009, paragraph 5.

Emission of OGC was determined in accordance with DS/CEN/TS 15883:2009, paragraph 4.

The dust emission was determined in accordance with FprEN 16510-1:2016 paragraph F.2 Heated filter.

The fuel moisture of the firewood was determined according to the weigh/dry method.



6. Test results

6.1. Nominal test in accordance with EN 13240 A.4.7 with birch wood as test fuel

Parameter	Value			Requirement	Unit
	1 st charge	2 nd charge	3 rd charge		
No. of wood logs per charge	3	3	3	-	pcs
Weight per charge	2.07	2.10	2.10	-	kg
Fuel moisture	13	13	13	16 ± 4	%
Lower calorific value	15.6	15.6	15.6	-	MJ/kg
Test duration	0.81	0.78	0.78	Min. 0.75h (in one charge)	h
Fuel consumption per hour	2.55	2.69	2.70	-	kg/h
Mean ambient temperature	28	27	28	-	°C
Flue gas temp. at 20 °C ambient temp.	332	341	342	-	°C
CO ₂ , mean value	9.9	10.6	10.3	-	%
CO, mean value	0.09	0.11	0.13	-	%
THC, mean value	143	201	256	-	ppmC
NO _x , mean value	54	59	54	-	ppm
Dust at actual O ₂	37	50	84	-	mg/m ³ _n
Flue draught, mean value	12	12	12	12 ± 2	Pa

Mean values calculated based on 1 st and the 2 nd charges			
Flue gas temperature at 20 °C ambient temp.	337	-	°C
Flue gas mass flow	7.5	-	g/sec
Efficiency	75	≥50	%
Nominal heat output, total (measured)	8.5	-	kW
Nominal heat output, ambient (measured)	8.5	-	kW
Nominal heat output, water (measured)	-	-	kW
CO ₂ , mean value	10.2	-	%
CO at 13 % O ₂	0.078	≤1.0	%
CO at 13 % O ₂	976	≤12500	mg/m ³ _n
OGC at 13 % O ₂ (carbon equivalents)	78	-	mg/m ³ _n
NO _x at 13 % O ₂ (NO ₂ equivalents)	89	-	mg/m ³ _n
Dust at 13 % O ₂	28	-	mg/m ³ _n

Declared by the manufacturer			
Nominal output stated	7.4	7.4 – 8.5 ¹⁾	kW
Refuelling interval p. charge at the rated output	55	Min. 45	minutes

¹⁾ The heat output quoted must be minor than or equal to the measured output - however maximum 15 % below the measured output.



6.2. Safety test in accordance with A.4.9.2.2

Parameter	Value			Unit
	Test 1	Test 2	Requirement	
Number of charges	3	3	-	pcs
Weight per charge	4.54	4.51	-	kg
Number of wood logs per charge	14	14	-	pcs
Fuel moisture	16	16	15 ± 3	%
Total test load	13.63	13.53	-	kg
Test duration	4.55	4.53	-	h
Fuel consumption per hour	3.00	2.99	-	kg/h
Flue draught, mean value	16	15	15 ⁺² ₋₀	Pa
Mean ambient temperature	33	34	-	°C
Mean flue gas temp. at 20 °C ambient temperature	353	310	-	°C
Max. flue gas temp. at 20 °C ambient temperature	435	386	-	°C
Surface temperatures (stated as measured value minus the ambient temperature)				
Side wall	51	56	Max. 65	K
Rear wall	48	61	Max. 65	K
Hearth (raised)	58 ²⁾	58	Max. 65	K
Operating handle, metal ¹⁾	> 35	> 35	Max. 35	K
Front wall/furnishing temperature	61 ²⁾	61	Max. 65	K
Fuel storage container ³⁾	36	36	Max. 65	K
Mounting distance to combustible material				
Distance to side wall	350	350	-	mm
Distance to rear wall	200	250	-	mm
Furnishing distance (in front of the stove)	1200 ²⁾	1200	-	mm
Hearth in front of stove ⁴⁾	330 ²⁾	330	-	mm

¹⁾ Due to the fact that the temperature exceeds 35K, a glove must be provided.

²⁾ Transferred from test 2.

³⁾ Fuel storage compartment only suitable for combustible material with an extra steel convection shield beneath the enclosure (1,5mm steel plate and 25mm convection air gap).

⁴⁾ Hearth raised. Distance measured from the bottom of the enclosure to the hearth.

Test 1: Safety test with insulation of the flue gas connector.

Test 2: Safety test without insulation of the flue gas connector.



7. Other measurements

Subject	Measured	Unit
Leakage before testing, all valves on air inlets closed ¹⁾	12.9	m ³ /h
Leakage after testing, all valves on air inlets closed ¹⁾	13.2	m ³ /h

¹⁾ Leakage was measured at a test pressure of 25 Pa.

8. Control and assessment before and after testing

Paragraph in the standard	Subject	Remarks	Requirement met
4	Requirements on materials, design and construction	None	Yes
5	Safety requirements	None ¹⁾	Yes
6	Requirements on output, CO emission	None	Yes
6	Requirements on efficiency	None	Yes
7	Requirements on installation and operating instructions	None	Yes
8	Requirements on marking	None	Yes

¹⁾ A glove must be provided.

See appendix 2 for the specified list of assessed requirements according to EN 13240.



9. Test equipment

Testing was carried out at test rig C (safety) / D (nominal).

Instrument	Trace-ability	Instrument number		
		Test rig B	Test rig C	Test rig D
Data logger, HP 34970A	DANAK 200	270-A-2498	270-A-1630	270-A-1581
DOP version II	-	-	-	-
CO/CO ₂ analyser, ABB IR	ELAB	270-A-2423	270-A-2276	Id no. 108176
Spangas CO/CO ₂ , AGA (High CO and CO ₂)	Swedac	Id no. 135573		
Spangas CO/CO ₂ , AGA (Low CO)	Swedac	Id no. 135574		
NOx analyser, Eco Physics CLD	ELAB	Id no. 106124	Id no. 106124	270-A-2420
Spangas NO, AGA	Swedac	Id no. 135576		
FID meter M & A Thermo- / AAL FIDs	ELAB	270-A-1611	270-A-2497	270-A-1751
Spangas C ₃ H ₈ (Propane)	Swedac	Id no. 135580	Id no. 135581	Id no. 135582
Surface temperature, walls Thermo couples, type T	ELAB	Id no. 134392	Id no. 134395	Id no. 134397
Thermo couples, others, type T and type K	ELAB	Id no. 134394	Id no. 134396	Id no. 134398
Surface temperature, Technoterm 5500	DANAK 200	270-A-0976	270-A-0976	270-A-0976
Surface temperature, Dan 1200	DANAK 200	270-A-0876	270-A-0876	270-A-0876
Surface temperature, Ametek	DANAK 200	270-A-1649	270-A-1649	270-A-1649
Pressure gauge, Autotran 700 (flue draught)	ELAB	270-A-1166	270-A-1632	Id no. 81592
Calibrator, Jofra 650 SE	DANAK 200	270-A-0912	270-A-0912	270-A-0912
Scale, Mettler Toledo (15kg/1g)	ELAB	Id no. 5822		
Scale, Mettler Toledo XS4002S (4,1kg/10mg)	ELAB	Id no. 135794		
Scale, Mettler Toledo XS 204 (220g/0,1mg)	ELAB	Id no. 7084		
Scale, Mettler, 600 kg, KC 600	ELAB	270-A-1790	270-A-1638	ID no. 81593
Disa Dantec flow analyser (air velocity)	DANAK 200	270-A-0486	270-A-0486	270-A-0486
Dantec Flowmaster	DANAK 200	270-A-0750	270-A-0750	270-A-0750
Hygrometer (air humidity) Thermoguard	DANAK 200	Id no. 142357		
Barometric reading (atmospheric pressure) Thermoguard/(Ahlborn)	DANAK 200	Id no. 7102		
Dust measuring equipment (Wöhler SM 96)	ELAB	ID no. 7205	ID no. 7205	ID no. 81603
Flow meter	ELAB	270-A-1793	270-A-1636	ID no. 81604
PST leakage meter (Brooks glass tube)	ELAB	Id no. 83013		
Thermo sensor Pt 100 (inlet) ¹⁾	DANAK 200	270-A-1262-1	-	-
Thermo sensor Pt 100 (return) ¹⁾	DANAK 200	270-A-1262-2	-	-
Water flow ¹⁾	DANAK 200	270-A-1507	-	-

¹⁾ Only used for testing of solid fuel #stove/inset appliance with boiler.



10. Appendices

Appendix 1: Conversion EN including two selected charges

(1 page)

Appendix 2: Specified list of assessed requirements according to EN 13240

(5 pages)

Construction Product Regulation:

The Danish Technological Institute guarantees that employees carrying out tests to be used together with harmonized standards under notification no. 1235 according to EU regulation 305/2011, article 43, satisfy all the requirements made for capability, integrity and impartiality. You find the CPR here:

http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=uriserv:OJ.C_.2017.267.01.0016.01.ENG

September 2017

Conversion of measurements for 2 selected charges

Appendix 1

General information only for EN-test	Test:	Nominel
Manufacturer: Jydepejsen		
Type: Zeta box		
ELAB no. 2336		
Test date 2018-05-30		

Below you find different re-calculations or specifications of measuring units given in the report

Parameter	Value	Unit	Reference unit
CO ₂	10,2	Vol %	-
CO ₂	102396	ppm	-
CO ₂	201	g/m ³ _n	Current % O ₂
CO ₂	100	g/MJ	-
O ₂	10,5	Vol %	-
O ₂	104886	ppm	-
Lambda	1,96	Air excess	-
CO	0,08	Vol %	13 % O ₂
CO	781	ppm	13 % O ₂
CO	2050	ppm	Lambda 1 (0 % O ₂)
CO	976	mg/m ³ _n	13 % O ₂
CO	1283	mg/m ³ _n	Current CO ₂ /O ₂
CO	637	mg/MJ	-
OGC (as carbon)	78	mg/m ³ _n (Carbon equi.)	13 % O ₂
OGC	145	ppm (Carbon equi.)	13 % O ₂
OGC	48	ppm (Propan equi.)	13 % O ₂
OGC (as carbon)	204	mg/m ³ _n (Carbon equi.)	Lambda 1 (0 % O ₂)
OGC (as carbon)	103	mg/m ³ _n (Carbon equi.)	Current CO ₂ /O ₂
OGC (as carbon)	51	mg/MJ (Carbon equi.)	-
NO _x (as NO ₂)	43	ppm	13 % O ₂
NO _x (as NO ₂)	0,0043	Vol %	13 % O ₂
NO _x (as NO ₂)	113	ppm	Lambda 1 (0 % O ₂)
NO _x (as NO ₂)	89	mg/nm ³	13 % O ₂
NO _x (as NO ₂)	117	mg/nm ³	Current CO ₂ /O ₂
NO _x (as NO ₂)	58	mg/MJ	-
Dust	28	mg/m ³ _n	13 % O ₂
Dust	75	mg/m ³ _n	Lambda 1 (0 % O ₂)
Dust	38	mg/m ³ _n	Current CO ₂ /O ₂
Dust	19	mg/MJ	-
Dust	0,77	g/h	-
Air consumption	8,6	m ³ /kg	At t_amb
Air consumption	6,3	liter/sec (Nom. output)	At t_amb
Flue gas volume	7,7	m ³ _n /kg	Dry
Flue gas volume	19,3	m ³ /kg	At t_flue gas
Ambient temperature	28	°C	-
Flue gas temperature	337	°C	At 20°C t_amb

All values are given at dry flue gas and listed where relevant for the two selected charges



Appendix 2 (specification of section 4, 5, 6, 7 and 8 in EN 13240)

4. Materials, design and construction

	Requirement according to	Requirement met to
Production documentation Specification of materials used in the construction of the appliance The nominal heat output in kW using fuels recommended by the manufacturer If the appliance is fitted with a boiler additional details shall be specified	4.1	Yes Yes Yes
Construction Use of non-combustible materials No harmful materials Bottom grate and ash pan provided Replaceable individual components are designed or marked as such	4.2 / 4.2.1	Yes Yes n/a Yes
Integral boiler Boiler shell in cast iron or steel Materials and dimensions in accordance with specifications in table 2 to 7 Provision for parts which form a seal	4.2.2	n/a
Boilers constructed of steel	4.2.2.1	n/a
Welding and welding materials The materials used shall be suitable for welding	4.2.2.1.1	n/a
Nominal minimum wall thicknesses (steel) Boilers constructed of mild steel shall have the appropriate wall thicknesses set out in Table 2	4.2.2.1.2	n/a
Boilers constructed of cast iron Mechanical properties of cast iron correspond to table 4 Wall thickness of casting section according to table 5	4.2.2.2 4.2.2.2.1 4.2.2.2.2	n/a
Boiler shell tappings Threads of boiler shell tappings according to table 6 Tapered threads in accordance with ISO 7-1:1994 and ISO 7-2:2000 Parallel threads in accordance with ISO 228-1:2000 and ISO 228-2:1987 Design and position of flow tappings allows no air to be retained Horizontal flow tappings shall be eccentric and fixed and in accordance with table 7 Drain socket < ½" and construction according to ISO 7 or ISO 228	4.2.2.3	n/a
Design of all boiler waterways Shall have a minimum of 70 mm * 40 mm or have a minimum diameter of 70 mm and be sealed with gasket and cap	4.2.2.4.1	n/a
Boiler waterways used with indirect water systems Minimum dimensions ≥ 20 mm Minimum dimensions ≥ 15 mm	4.2.2.4.2	n/a



Boiler waterways used with direct water systems Minimum dimensions ≥ 25 mm	4.2.2.4.3	n/a
Venting of water sections Water sections should be able to be vented No undue boiling noises should occur	4.2.2.4.4	n/a
Water tightness Holes for screws and similar components shall not open into waterways	4.2.2.4.5	n/a
Cleaning of heating surfaces Heating surfaces shall be accessible from the flue gas side If special tools are necessary they should be applied by manufacturer	4.2.3	Yes n/a
Flue spigot or socket Flue spigot/socket should be designed to allow fitting, internal or external over a length of at least 40 mm For vertical connection at least 25 mm overlap	4.2.4	Yes Yes
Flue ways Minimum width ≥ 30 mm Bituminous coals and peat ≥ 15 mm Possible to clean with commercially available tools	4.2.5	 Yes
Ash pan and ash removal Ash pan provided: capable of containing 2 full charges and sufficient space above Ash pan in appliance: allows free passage of primary air	4.2.6	n/a n/a
Bottom grate Designed/marked to ensure correct fitting If de-ashing mechanism – fuel bed should effectively be deashed	4.2.7	n/a
Primary air inlet control Thermostatically or manually controlled Ash or unburned fuel doesn't disturb operation Setting is easily visible at all times Thermostat has variable temperature range and is an immersion or dry pocket type	4.2.8.1	n/a
Secondary air inlet control Passage of air is not restricted when firebox is filled	4.2.8.2	 Yes
Control of flue gas Flue damper may not block the flue totally Aperture occupies at least 20 cm^2 or 3 % of cross-sectional area Damper easy to operate Position recognizable from setting of device	4.2.9	n/a
Fire doors and charging doors The door shall be large enough to allow the appliance to be filled with commercial fuels Accidental opening prevented	4.2.10	 Yes Yes
Flue bypass device Easily operable	4.2.11	n/a
Front fire bars and/or deepening plate Fuel or ash retained so that there is no undue spillage of ash or burning fuel If removable front bars they should be designed so that they cannot be incorrectly fitted nor accidentally dislodged	4.2.12	 Yes Yes



Solid mineral fuel and peat briquettes burning appliances Should have bottom grate or ash pan	4.2.13	n/a
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5. Safety requirements

	Requirement according to	Requirement met
Natural draught Flue draught not less than 3 Pa Flue draught below 3 Pa over 10 h = Carbon monoxide not greater than 250 dm ³ Clear labelling	5.1	n/a
Operation with open fire doors Operation with open firebox only when harmful combustion gases or loss of fire bed from the appliance	5.2	n/a
Strength and leak tightness of boiler shells After the test: no leaks, no permanent distortion	5.3	n/a
Temperature rise in the fuel storage container (other than the fuel hopper) Temperature may not exceed the ambient room temperature by more than 65K	5.4	See report
Temperature rise of the operating components Temperatures in areas to be touched may not exceed ambient temperature by more than: <ul style="list-style-type: none">- 35 K for metal- 45 K for porcelain, vitreous enamel or similar- 60 K for plastics, rubber or wood	5.5	See report
Temperature of adjacent combustible materials Temperatures may not exceed ambient temperature by more than 65K (see A.4.7, A.4.9)	5.6	See report
Thermal discharge control Control shall operate when temperature exceeds either 105 °C or the declared operating temperature	5.7	n/a

6. Performance requirements

	Requirement according to	Requirement met
Flue gas temperature Mean temperature shall be recorded in installation instructions	6.1	Yes
Carbon monoxide emission Mean carbon monoxide content less than values specified in table 8	6.2	Yes
Efficiency at nominal heat output Limit values for appropriate efficiency class in table 9	6.3	Yes



Flue draught In accordance with figure 1 and are values for the static pressure	6.4	Yes
Recovery At slow combustion it shall be possible to revive the fire Recovery by refuel within 20 minutes	6.5	n/a
Refuelling intervals Maintenance of combustion not less than values in table 10	6.6	Yes
Space heating output Not to exceed space heating output measured in accordance with A.4.7	6.7	See report
Water heating output Not to exceed that measured under the conditions described in A.4.7	6.8	n/a

7. Appliance instructions

	Requirement according to	Requirement met
General Instructions in given language of country of intended destination shall accompany the appliance. Instructions on installation, operation, maintenance and if assembled on site, the assembly of the appliance Instructions not in contradiction with requirements or test results	7.1	Yes
Installation instructions <ul style="list-style-type: none">- Statement- Type- Nominal heat output- Space heating output- Water heating output- Maximum operating water pressure- Safety clearances- Requirements for the supply of combustion air (see A1 and A2)- Position of air inlets- Mass of the appliance in kg- Minimum flue draught- Flue gas mass flow- Suitable for installation in a shared flue system- Flue gas temperature downstream- Inset of room heaters- Floors- Assembly of appliance- Advice for cleaning- Installation of damper device- Water content and instructions for fitting a drain-cock- Setting of temperature controller- Advice on means of dissipating excess heat from the boiler	7.2	Yes
User operating instructions	7.3	Yes



<p>Each appliance shall be accompanied by instructions in the language of the country in which it is to be operated and include:</p> <ul style="list-style-type: none"> - Statement - List of recommended fuels - Details of method of refuelling - Safe and efficient operation - Unsuitable use - Adjusting devices - Ventilation - Seasonal use - Maintenance - How to achieve slow combustion - Warning to keep firebox and ash pit closed except during ignition - Operation with open firebox - Operation of thermal discharge - Cleaning - Adequate provision - Simple fault finding - Warning on hot surfaces - Protection against risk of fire - Warning against unauthorized modification of appliance - Use of only replacement parts recommended by manufacturer - Actions in case of chimney fire - Whether suitable for shared flue system - Capabilities regarding continuous intermittent operation 		
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8. Marking

	Requirement according to	Requirement met
<p>Marking Each appliance shall be permanently and legibly marked and include:</p> <ul style="list-style-type: none"> - Manufacturer's name or registered trade mark - Type or model - Nominal output in kW or W - Space heating output in kW or W - Water heating output in kW or W - The standard number EN 13240 - Classification of appliance (tables 8 and 9) - Maximum water operating pressure in bar (if applicable) - Instructions - Minimum clearance distances from combustible materials - Whether or not the appliance can be used in a shared flue - The words "Use only recommended fuels" - Whether the appliance is capable of continuous or intermittent operation 	8.	Yes