

1 Test item

Design-testing: Pellet-roomheater Sissy Pellet

2 Client

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3 Size and placing of the order

The size of the order includes the design-testing of the pellet-roomheaters Viennese, Corsara, Matilda, Elisabeth as well as of Sissy Pellet according to EN 14785 „Residential space heating appliances fired by wood pellets – requirements and test methods“ having regard to the agreements according to clause 15a B-VG „Inverkehrbringen von Kleinfeuerungen und die Überprüfung von Feuerungsanlagen und Blockheizkraftwerken“ as well as to the “Erste Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes (1. BImSchV) - Stufe 2”.

For examination of the identicalness of construction characteristics and fire safety the pellet-roomheater Tray (test report VFH-13-006-P and correction to test report VFH-13-006-P) was taken as object of comparison.

The placing of the order occurred in January 2014.

4 Results

	No.	Heat output level	Test results			Limit values		
			mg/MJ	% (13% O ₂)	mg/m ³ _N (13% O ₂)	Art. 15a mg/MJ	EN 14875 % (13% O ₂)	BImSchV Stufe 2 mg/m ³ _N (13% O ₂)
CO	1	Nominal	116	0,02	189	500	500	250
	2	Nominal	107	0,01	174			
	3	Lower	187	-	305	750	750	-
NO ₂	1	Nominal	57	-	92	150/100 ¹	-	-
	2	Nominal	57	-	94			
	3	Lower	58	-	95			
OGC	1	Nominal	3	-	3	30	-	-
	2	Nominal	2	-	3			
	3	Lower	5	-	7			
Dust	1	Nominal	12	-	23	50/25 ¹	-	30
	2	Nominal	15	-	29			
	3	Lower	-	-	-	-	-	-
η (%)	1	Nominal	93,0			78/80 ¹	75	85
	2	Nominal	93,0					
	3	Lower	93,0				70	-

¹ Limit values valid from 2015

The requirements of EN 14785 are fulfilled as per clause 8.2 of the test report VFH-14-002-EP.

The limit values for emissions and efficiency of the agreement according to clause 15a B-VG „Inverkehrbringen von Kleinfeuerungen und die Überprüfung von Feuerungsanlagen und Blockheizkraftwerken“ and the “Erste Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes (1. BImSchV) - Stufe 2” for automatically loaded small firing plants are fulfilled. The specified nominal heat output (8.0 kW) is achieved.

This short test report is an abstract of the test report VFH-14-002-EP. It is only valid in connection with the test report VFH-14-002-EP.



Dipl.- Ing. Dr. Thomas Schiffert
Authorized signatory



NB 1733

Vienna, 16.04.2014