

1 Test item

Design testing: Pellet-Roomheater Asko PN08 (8,0 kW)
Pellet-Roomheater St. Moritz PN08 (8,0 kW)

2 Client

ARCO
MCZ GROUP S.p.A.
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3 Size and placing of the order

The size of the order includes the design testing of the pellet-roomheaters Asko PN08 und St. Moritz PN08 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 Kleinf Feuerungen 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 and characteristics the pellet stove Tray (test report VFH-13-006-P) was taken as object of comparison.

The placing of the order occurred in February 2015.

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 ¹	112	0,02	182	500	500	250
	2	Lower	187	-	305	750	750	-
NO ₂	1	Nominal ¹	57	-	93	100	-	-
	2	Lower	58	-	95			
OGC	1	Nominal ¹	3	-	3	30	-	-
	2	Lower	5	-	7			
Dust	1	Nominal ¹	14	-	26	25	-	30
	2	Lower	-	-	-			-
η (%)	1	Nominal ¹	93,0			80	75	85
	2	Lower	93,0				70	-

¹ The declared values are mean values out of two tests at nominal power.

NO₂, OGC and dust-values were measured in accordance with CEN/TS 15883.

The requirements of EN 14785 are fulfilled as per clause 8.2 of the test report VFH-16-001-EP. The limit values for emissions and efficiency of the agreement according to clause 15a B-VG „Inverkehrbringen von Kleinf Feuerungen 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-16-001-EP. It is only valid in connection with the test report VFH-16-001-EP.



DI Dr. Thomas Schiffert
Authorized signatory



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