

Declaration of Emission – and Efficiency classes

Solid fuel boilers acc. EN 303-5:2012

Boiler manufacturer/Contractor: **Ferrolì S.p.A.**
Via Ritonda 78A
San Bonifacio

Type of fuel: **Wood pellets**

Boiler	SFL 3		SFL 4*		SFL 5		SFL 6*		SFL 7	
	required	achieved	required	achieved	required	achieved	required	achieved	required	achieved
1)	≥ 88,3	88,48	88,48	88,66	≥ 88,6	88,7	88,62	89,02	≥ 88,68	89,28
2)	≤ 500	162,3	≤ 500	116	≤ 500	60,8	≤ 500	67	≤ 500	59,5
3)	≤ 20	5,7	≤ 20	4	≤ 20	2,6	≤ 20	3	≤ 20	3,0
4)	≤ 40	11,8	≤ 40	9	≤ 40	6,2	≤ 40	7	≤ 40	6,4
5)		22,9		31,4		37,0		44,7		51,9
Burner Type	SUN P 7				SUN P 12					

*Values interpolated

- 1) Boiler efficiency (direct method) Efficiency class 5 acc. EN 303-5 in %
- 2) CO-Emission (Referring to 10 Vol. % O₂, dry) Emission class 5 acc. EN 303-5 in mg/m³
- 3) OGC-Emission (CxHy) (Referring to 10 Vol. % O₂, dry) Emission class 5 acc. EN 303-5 in mg/m³
- 4) Dust-Emission (Referring to 10 Vol. % O₂, dry) Emission class 5 acc. EN 303-5 in mg/m³
- 5) "Pw" water heating output in kW

Test basis:

According EN 303-5:2012, 4.4 Heating requirements.

This examination has been carried out by the impartial test centre of TÜV Rheinland in a test laboratory equipped in accordance with DIN EN 304, version 01/04.

Remarks: None

Test result:

The above mentioned boiler are in conformity with the emission class 5, EN 303-5:2012, 4.4.7 and the efficiency class 5, EN 303-5:2012, 4.4.2.

Cologne, 2016-01-20


Released after review:

Test Centre for Energy Appliances

Assessor



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