Appliances properties: Oranier Heiztechnik GmbH - 81-41 Apollo - 8141 01

Master data

Date of entry	Jan 3, 2011
Manufacturer	Oranier Heiztechnik GmbH
Model	81-41 Apollo
Product code	8141 01
Nominal heat output [kW]	9
Continuous burning appliance	▬
Type test standard	DIN 18891
Year of testing	2005
Test laboratory	RRF Rhein-Ruhr-Feuerstättenprüfstelle GmbH
Number of test laboratory	2
Number of test report	RRF-40 05 940

Flue gas values

	Wood
Flue gas mass flow [g/s]	9
Flue gas mass flow [g/s]	380
Necessary flue draught [Pa]	10

Further important characteristics of the appliance

Suitability for installation to a shared flue[1]	✔
Connectivity to the central heating system	▬
General technical approval for room sealed operation	▬

[1] For unsealed operation it is possible to install the appliances to a shared flue system (please see installation manual).

On behalf of the manufacturer, the HKI Industrieverband e.V. hereby confirms compliance with the respective requirements* in accordance with 1.BImSchV. The type test report of the fireplace has been submitted to the HKI Industrieverband e.V.

* A green check mark with a „1" indicates that the requirements of the 1st BImSchV are fulfilled, a green check mark with a „2" indicates that the 2nd level of the 1st BImSchV is fulfilled. A yellow check mark shows that the transitional regulation of the 1st BImSchV is fulfilled and a red line means that the 1st BImSchV is not fulfilled.

Evaluation of emission data and efficiency Wood

Norm DIN EN 13240 (Intermittent burning): Roomheater with flat-layer firing	Evaluation
D - 1.BImSchV	✔️ Stufe 2
F - Crédit d'impôt à la transition énergétique	✔️ 7⭐

Evaluation of emission data and efficiency Lignite briquettes

Norm DIN EN 13240 (Intermittent burning): Roomheater with flat-layer firing	Evaluation
D - 1.BImSchV	! According to the transitional rule §26 the appliance can be used until 31.12.2024

✔ **Stufe 2**   Compliant with the requirements of the 2nd stage of the 1.BImSchV (only for Germany)

✔ **Stufe 1**   Compliant with the requirements of the 1st stage of the 1.BImSchV (only for Germany)

✔ **2015**   Compliant with the requirements of the Austrian Agreement pursuant to Art. 15a B-VG from 2015 (applies only to Austria)

✔ **7★**   Compliant with the requirements for the „Crédit d'impôt" promotion in France, the fireplace complies with the classification 7* of the Flamme Verte Label

✔ **6★**   Compliant with the requirements for the „Crédit d'impôt" promotion in France, the fireplace complies with the classification 6* of the Flamme Verte Label

✔ **5★**   Compliant with the requirements for the „Crédit d'impôt" promotion in France, the fireplace complies with the classification 5* of the Flamme Verte Label

✔ ★   Compliant with the requirements of the 1 star stage in Italy.

✔ ★★   Compliant with the requirements of the 2 star stage in Italy.

✔ ★★★   Compliant with the requirements of the 3 star stage in Italy.

✔ ★★★★   Compliant with the requirements of the 4 star stage in Italy.

✔ ★★★★★   Compliant with the requirements of the 5 star stage in Italy.

✔   Fulfils the requirements

✔   Complies with requirements of the transition ruling (1.BImSchV)

▬   Requirements are not fulfilled

▬   No information/unknown

!   No measuring values are available for this fuel, operation with this fuel is not permitted

No symbol means that there are no requirements.

Here you will find further information