Appliances properties: Oranier Heiztechnik GmbH - 4654-4 Polar 4 - 6544 22

Master data

Date of entry	Oct 5, 2010
Manufacturer	Oranier Heiztechnik GmbH
Model	4654-4 Polar 4
Product code	6544 22
Nominal heat output [kW]	5
Declared nominal space heating output [kW]	5
Continuous burning appliance	▬
Type test standard	DIN EN 13240
Year of testing	2005
Test laboratory	RWE Rheinbraun AG
Number of test laboratory	4.1
Number of test report	FSPS-Wa 1401-EN/A

Flue gas values

	Wood
Flue gas mass flow [g/s]	5
Flue gas mass flow [g/s]	300
Necessary flue draught [Pa]	11

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
A - Austrian regulation referred to Art 15a B-VG	✔
CH - Swiss clean air act	✔
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	✔ Stufe 2
A - Austrian regulation referred to Art 15a B-VG	✔
CH - Swiss clean air act	✔

Emission evaluation legend

✅ **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