Appliances properties: Buderus, Bosch Thermotechnik GmbH - KA 146 R

Master data

Date of entry	May 18, 2010
Manufacturer	Buderus, Bosch Thermotechnik GmbH
Model	KA 146 R
Nominal heat output [kW]	8
Continuous burning appliance	—
Type test standard	DIN EN 13229
Year of testing	2005
Test laboratory	RWE Rheinbraun AG
Number of test laboratory	4.1
Number of test report	FSPS-Wa 1397, FSPS-Wa 1974-EN

Flue gas values

	Wood
Flue gas mass flow [g/s]	8
Flue gas mass flow [g/s]	330
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 : Inset appliances (with closed firedoor)	Evaluation
D - 1.BImSchV	✔ Stufe 1 Grandfathering
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 : Inset appliances (with closed firedoor)	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