




Appliances properties: Lotus Heating Systems A/S - H470

Master data

Date of entry	Apr 3, 2025
Manufacturer	Lotus Heating Systems A/S
Trade name	Lotus
Model	H470
Nominal heat output [kW]	6
Declared nominal space heating output [kW]	6
Continuous burning appliance	
Type test standard	EN 13229
Year of testing	2014
Test laboratory	RRF Rhein-Ruhr-Feuerstättenprüfstelle GmbH
Number of test laboratory	2
Number of test report	RRF 29 14 3815



Flue gas values

	Wood
Flue gas mass flow [g/s]	5.3
Flue gas mass flow [g/s]	252
Necessary flue draught [Pa]	12

Further important characteristics of the appliance

Suitability for installation to a shared flue<sup>1)</sup>



Connectivity to the central heating system



General technical approval for room sealed operation



<sup>1)</sup> 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

EU-Inset appliance according to EN13229	Evaluation
EU - Regulation (EU) 2015/1185 (Ecodesign)	✓
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★
I - Italian Decree No. 186	✓ ★★★

## Evaluation of emission data and efficiency Lignite briquettes

Norm : Inset appliances (with closed firedoor)	Evaluation
D - 1.BImSchV	!

-   
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
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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