




## Appliances properties: HAAS+SOHN OFENTECHNIK GmbH - Kalius 286.12 - 0428612020000

### Master data

|  |   |
|--|---|
| Date of entry                              | Feb 27, 2015  |
| Manufacturer                               | HAAS+SOHN OFENTECHNIK GmbH  |
| Model                                      | Kalius 286.12   |
| Product code                               | 0428612020000   |
| Nominal heat output [kW]                   | 5.3   |
| Declared nominal space heating output [kW] | 5   |
| Partial load [kW]                          | 2.5   |
| Continuous burning appliance               |  |
| Type test standard                         | DIN EN 13240  |
| Year of testing                            | 2013  |
| Test laboratory                            | RRF Rhein-Ruhr-Feuerstättenprüfstelle GmbH  |
| Number of test laboratory                  | 2   |
| Number of test report                      | RRF - 40 13 3490  |



### Flue gas values

|                             | Wood |
|-----------------------------|------|
| Flue gas mass flow [g/s]    | 4.7  |
| Flue gas mass flow [g/s]    | 290  |
| 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

| Norm DIN EN 13240 (Intermittent burning): Roomheater with flat-layer firing | Evaluation   |
|---|--|
| D - 1.BImSchV   | <br>Stufe 2 |
| A - Austrian regulation referred to Art 15a B-VG                            | <br>2015    |
| CH - Swiss clean air act  |             |
| DK - Danish regulation for air pollution from wood burners                  |             |
| F - Crédit d'impôt à la transition énergétique                              | <br>7★      |

## Evaluation of emission data and efficiency Lignite briquettes

| Norm DIN EN 13240 (Intermittent burning): Roomheater with flat-layer firing | Evaluation |
|---|------------|
| D - 1.BImSchV   | !          |
| DK - Danish regulation for air pollution from wood burners                  | !          |

-   
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