# Appliances properties: Hase Kaminofenbau GmbH - Sendai 135/155

## Master data

| | |
|---|---|
| **Date of entry** | Jan 24, 2019 |
| **Manufacturer** | Hase Kaminofenbau GmbH |
| **Model** | Sendai 135/155 |
| **Nominal heat output [kW]** | 6 |
| **Declared nominal space heating output [kW]** | 6 |
| **Continuous burning appliance** | ▬ |
| **Type test standard** | DIN EN 13240 |
| **Year of testing** | 2018 |
| **Number of test report** | RRF - 40 18 4846-1 |

## Flue gas values

| | Wood |
|---|---|
| **Flue gas mass flow [g/s]** | 5.3 |
| **Flue gas mass flow [g/s]** | 299 |
| **Necessary flue draught [Pa]** | 12 |

## 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 | ✔ 2015 |
| CH - Swiss clean air act | ✔ |
| DK - Danish regulation for air pollution from wood burners | ✔ |
| 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**  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