



## Appliances properties: BRUNNER - HBO 3ws

### Master data

|  |             |
|--|-------------|
| Date of entry                              | Jun 4, 2011 |
| Manufacturer                               | BRUNNER     |
| Model                                      | HBO 3ws     |
| Nominal heat output [kW]                   | 11          |
| Declared nominal space heating output [kW] | 8           |
| Nominal water heating output [kW]          | 3           |
| Water operating pressure [bar]             | 3           |
| Continuous burning appliance               | —           |
| Type test standard                         | DIN 18892   |
| Year of testing                            | 1985        |
| Test laboratory                            | n.b.        |
| Number of test laboratory                  | 30          |

### 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 : Inset appliance with flat-layer firing

#### Evaluation

D - 1.BImSchV

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According to the transitional rule §26 the appliance can be used until 31.12.2020

F - Crédit d'impôt à la transition énergétique

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## Norm : Inset appliance with flat-layer firing

















## Evaluation

D - 1.BImSchV

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According to the transitional rule §26 the appliance can be used until 31.12.2020

## 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)
-  Compliant with the requirements for the „Crédit d'impôt“ promotion in France, the fireplace complies with the classification 7\* of the Flamme Verte Label
-  Compliant with the requirements for the „Crédit d'impôt“ promotion in France, the fireplace complies with the classification 6\* of the Flamme Verte Label
-  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.
-  Fulfills 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