



## Appliances properties: Wodtke GmbH - Tio (KK 50 RW-1) mit Wärmetauscher

### Master data

|                                     |                                    |
|-------------------------------------|------------------------------------|
| <b>Date of entry</b>                | Apr 8, 2009                        |
| <b>Manufacturer</b>                 | Wodtke GmbH                        |
| <b>Model</b>                        | Tio (KK 50 RW-1) mit Wärmetauscher |
| <b>Nominal heat output [kW]</b>     | 8                                  |
| <b>Continuous burning appliance</b> | <input type="checkbox"/>           |
| <b>Type test standard</b>           | DIN EN 13240                       |
| <b>Year of testing</b>              | 2009                               |
| <b>Test laboratory</b>              | RWE Rheinbraun AG                  |
| <b>Number of test laboratory</b>    | 4.1                                |
| <b>Number of test report</b>        | FSPS-Wa 1850-EN                    |



### Flue gas values

|                                    | Wood |
|------------------------------------|------|
| <b>Flue gas mass flow [g/s]</b>    | 9    |
| <b>Flue gas mass flow [g/s]</b>    | 205  |
| <b>Necessary flue draught [Pa]</b> | 13   |

### 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 1<br>Grandfathering |
| A - Austrian regulation referred to Art 15a B-VG                            |                               |
| CH - Swiss clean air act  |                               |
| DK - Danish regulation for air pollution from wood burners                  |                               |
| F - Crédit d'impôt à la transition énergétique                              | <br>5★                        |

## Evaluation of emission data and efficiency Lignite briquettes

| 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                            |             |
| CH - Swiss clean air act  |             |
| 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