Appliances properties: Wodtke GmbH - Ray PO 04.5-1 E WW - Waterplus (10 kW)

Master data

Date of entry	Aug 26, 2014
Manufacturer	Wodtke GmbH
Model	Ray PO 04.5-1 E WW - Waterplus (10 kW)
Nominal heat output [kW]	10
Declared nominal space heating output [kW]	2
Nominal water heating output [kW]	8
Partial load [kW]	2
Water operating pressure [bar]	3
Continuous burning appliance	—
Type test standard	DIN EN 14785
Year of testing	2014
Test laboratory	RWE Power AG
Number of test laboratory	4
Number of test report	FSPS-Wa 2247-EN



Flue gas values

	Pellets
Flue gas mass flow [g/s]	9
Flue gas mass flow [g/s]	140
Necessary flue draught [Pa]	0

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	—
Type of appliance acc. EN 16510-1	—

[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 Pellets

Norm : Pellet stoves with boiler	Evaluation
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☆

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)
- 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