



Appliances properties: Lohberger GmbH - ZEH 90.4

Master data

Date of entry	Jul 26, 2022
Manufacturer	Lohberger GmbH
Model	ZEH 90.4
Nominal heat output [kW]	20
Declared nominal space heating output [kW]	6
Nominal water heating output [kW]	14
Water operating pressure [bar]	3
Continuous burning appliance	—
Type test standard	DIN EN 12815
Year of testing	2010
Test laboratory	TGM-Versuchsanstalt Heizung und Lüftung
Number of test laboratory	26
Number of test report	TGM-VA HL 7805, TGM-VA HL 8155



Flue gas values

	Wood
Flue gas mass flow [g/s]	15
Flue gas mass flow [g/s]	246
Necessary flue draught [Pa]	20

Further important characteristics of the appliance

Suitability for installation to a shared flue¹⁾



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

EU-Cooker according to EN 12815	Evaluation
EU - Regulation (EU) 2015/1185 (Ecodesign)	✓
D - 1.BImSchV	✓ Stufe 2 Grandfathering
A - Austrian regulation referred to Art. 15a B-VG	✓
CH - Swiss clean air act	✓
F - Crédit d'impôt à la transition énergétique	✓ 7★
I - Italian Decree No. 186	✓ ★★★

Evaluation of emission data and efficiency Lignite briquettes

Norm : Cookers	Evaluation
D - 1.BImSchV	!

Evaluation of emission data and efficiency Pellets

Norm : Cookers	Evaluation
D - 1.BImSchV	!

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