Appliances properties: Oranier Heiztechnik GmbH - Zephyr Aqua - 7970

Master data

Date of entry	Feb 2, 2022
Manufacturer	Oranier Heiztechnik GmbH
Model	Zephyr Aqua
Product code	7970
Nominal heat output [kW]	9.4
Declared nominal space heating output [kW]	1.6
Nominal water heating output [kW]	7.8
Partial load [kW]	2.5
Part load space heating output [kW]	0.5
Part load water heating output [kW]	2
Continuous burning appliance	—
Type test standard	DIN EN 14785
Year of testing	2017
Test laboratory	Technische Universtität Wien
Number of test laboratory	7
Number of test report	PL-17004-P

Flue gas values

	Pellets
Flue gas mass flow [g/s]	7.4
Flue gas mass flow [g/s]	146
Necessary flue draught [Pa]	12.7

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 Pellets

EU- Roomheater fired by wood pellets accoding to EN 14785	Evaluation
EU - Regulation (EU) 2015/1185 (Ecodesign)	✓
D - 1.BImSchV	✓ 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	✓
F - Crédit d'impôt à la transition énergétique	✓ 7★
I - Italian Decree No. 186	✓ ★★★★

✔️ **Stufe 2** Compliant with the requirements of the 2nd stage of the 1.BlmSchV (only for Germany)

✔️ **Stufe 1** Compliant with the requirements of the 1st stage of the 1.BlmSchV (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.BlmSchV)

▬ 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