

## Appliances properties: BRUNNER - Panorama-Kamin 57/40/85/40

Master data		
Date of entry	Apr 10, 2013	
Manufacturer	BRUNNER	
Model	Panorama-Kamin 57/40/85/40	
Nominal heat output [kW]	13.5	
Declared nominal space heating output [kW]	13	
Continuous burning appliance	-	
Type test standard	DIN EN 13229	
Year of testing	2006	
Test laboratory	TÜV SÜD Industrie Service GmbH	· F
Number of test laboratory	1	
Number of test report	W-O 1097-00/06/W-O 1097-01/10	

Flue gas values

	Wood
Flue gas mass flow [g/s]	16
Flue gas mass flow [g/s]	355
Necessary flue draught [Pa]	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 : Inset appliances (with closed firedoor)	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☆	

## Evaluation of emission data and efficiency Lignite briquettes

Norm : Inset appliances (with closed firedoor)	Evaluation
D - 1.BImSchV	According to the transitional rule §26 the appliance can be used until 31.12.2024

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)			
<b>7☆</b>	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 <b>☆</b>	Compliant with the requirements for the "Crédit d'impôt" promotion in France, the fireplace complies with the classification 6* of the Flamme Verte Label			
<b>5☆</b>	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.			
क्रे क्रे	Compliant with the requirements of the 2 star stage in Italy.			
<b>*</b> 京京	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			
$\checkmark$	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 svi	No symbol means that there are no requirements.			

Here you will find further information