

- | | |
|--|---|
| 1. product | S20-Retro
space heating by solid fuel without water heating supply
EN 13240:2005-10 |
| 2. intended use | space heating in residential buildings without possible supply of hot water |
| 3. trade mark | Camina Feuerungssysteme GmbH & Co. KG
Gewerbepark 18 49143 D-Bissendorf
info@camina.de www.camina.de |
| 4. authorized representative | - |
| 5. system of assessment and verification of constancy of performance of the construction product | system 3 |
| 6. The notified laboratory report | DBI-Gastechnologisches Institut gGmbH Freiberg
D-09599 Freiberg – notified body number: 1721
performed of the product type on the basis of type testing under system 3.
DBI F 12/05/0200 |

7. declaration of performance

Harmonized technical specification	EN 13240:2005-10
essential characteristics	performance
fire safety	pass
reaction to fire	A1
minimum safety distance to combustible material	front = 800 mm (radiation area) floor = 0 mm rear = 120 mm sides = 120 mm
risk of burning fuel falling out	pass
cleanability	pass
emission of combustion products (log of wood)	CO [$< 0,1 \%$], [$< 1250 \text{ mg/m}^3$] dust content [$< 40 \text{ mg/m}^3$]
surface temperature	pass
electrical safety	not applicable
release of dangerous substance	NPD
max. operation pressure	not applicable
flue gas outlet temperature at nominal heat output (log of wood)	310 °C
mechanical resistance (to carry a chimney/flue)	NPD
thermal output / efficiency	pass
nominal heat output room heating output water heating output	7 kW 7 kW not applicable
efficiency (log of wood)	η [79 %]

8. The performance of the product is in conformity with the declared performance in point 7.
This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.



Anna Rokossa
- Management -

Bissendorf, 01.11.2015

product S20-Retro

Insert	Schmid Ekko 45(45)57 h
fuel	log of wood
<i>emission values at nominal heat output (closed operation)</i>	
exhaust gas mass flow based on nominal heat output	6,8 g/s
flue gas outlet temperature	310 °C
required discharge pressure at the connecting piece, min. – max.	12-20 Pa
Multiple chimney connections possible with closed fire chambers! Please note the installation and operating instructions!	

1. BImSchV Stage 2 (Germany) emission limit values and minimum efficiency level		
report	DBI F 12/05/0200	
notified laboratory	DBI-Gastechnologisches Institut gGmbH Freiberg D-09599 Freiberg notified body number: 1721	
CO content relative to 13% O ₂	1,25 g/m ³	✓
dust content relative to 13% O ₂	0,04 g/m ³	✓
efficiency	75 %	✓

Agreement according to Art. 15a B-VG (Austria) emission limit values and minimum efficiency level		
report	DBI F 12/05/0200	
notified laboratory	DBI-Gastechnologisches Institut gGmbH Freiberg D-09599 Freiberg notified body number: 1721	
CO content relative to 13% O ₂	1100 mg/MJ	✓
dust content relative to 13% O ₂	35 mg/MJ	✓
NOx relative to 13% O ₂	150 mg/MJ	✓
OGC relative to 13% O ₂	50 mg/MJ	-
efficiency	80 %	-