

**Declaration of Performance according to Regulation (EU) 305/2011**

No.: LE29164508



- 1. product SD 9 E (with heat exchanger)  
Fireplace inserts including open fireplaces fired by solid fuel with no water heating supply  
EN 13229:2001/A2:2004/AC:2007
- 2. intended use space heating in residential buildings with no possible supply of hot water
- 3. trade mark Schmid Feuerungstechnik GmbH & Co. KG  
Gewerbepark 18 | 49143 D-Bissendorf  
info@schmid.st | www.schmid.st
- 4. authorized representative -
- 5. system of assessment and verification of constancy of performance of the construction product system 3
- 6. The notified laboratory RRF - Rhein-Ruhr Feuerstätten Prüfstelle GmbH  
D-46047 Oberhausen – notified body number: 1625  
performed of the product type on the basis of type testing under system 3.  
RRF – 29 16 4508

report

7. declaration of performance

Harmonized technical specification	EN 13229:2001/A2:2004/AC:2007
essential characteristics	performance
fire safety	pass
reaction to fire	A1
minimum safety distance to combustible material	front = 800 mm
insulation thickness (SILCA® 250KM)	60 mm
risk of burning fuel falling out	pass
cleanability	pass
emission of combustion products (log of wood and lignite briquettes)	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 / lignite briquettes)	279 °C / 227 °C
mechanical resistance (to carry a chimney/flue)	NPD
thermal output / efficiency	pass
nominal heat output (log of wood and lignite briquettes)	9 kW
room heating output (log of wood and lignite briquettes)	9 kW
water heating output (log of wood and lignite briquettes)	not applicable
efficiency (log of wood / lignite briquettes)	$\eta$ [81 % / 83 %]

- 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, 17.08.2016

product SD 9 E (with heat exchanger)

fuel	log of wood and lignite briquettes
<i>emission values at nominal heat output (closed operation)</i>	
exhaust gas mass flow based on nominal heat output (log of wood)	9,3 g/s
flue gas outlet temperature (log of wood)	279 °C
required discharge pressure at the connecting piece, min.-max. (log of wood)	12-20 Pa
<i>emission values at nominal heat output (closed operation)</i>	
exhaust gas mass flow based on nominal heat output (lignite briquettes)	9,3 g/s
flue gas outlet temperature (lignite briquettes)	227 °C
required discharge pressure at the connecting piece, min.-max. (lignite briquettes)	12-20 Pa
<i>Emission values for the calculation of downstream heat exchangers (log of wood)</i>	
thermal output	25,3 kW
exhaust gas mass flow	26,1 g/s
flue gas temperature downstream of heat exchanger	420 °C
required discharge pressure at the connecting piece	15 Pa
combustion air requirements	73 m <sup>3</sup> /h
<b>Multiple chimney connections possible with closed fire chambers! Please note the installation and operating instructions!</b>	

<b>1. BImSchV Stage 2 (Germany)</b> emission limit values and minimum efficiency level		
Report	RRF – 29 16 4508	
notified laboratory	RRF - Rhein-Ruhr Feuerstätten Prüfstelle GmbH D-46047 Oberhausen notified body number: 1625	
CO content relative to 13% O <sub>2</sub>	1,25 g/m <sup>3</sup>	✓
dust content relative to 13% O <sub>2</sub>	0,04 g/m <sup>3</sup>	✓
efficiency	80 %	✓

<b>Agreement according to Art. 15a B-VG (Austria)</b> emission limit values and minimum efficiency level		
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notified laboratory	RRF - Rhein-Ruhr Feuerstätten Prüfstelle GmbH D-46047 Oberhausen notified body number: 1625	
CO content relative to 13% O <sub>2</sub>	1100 mg/MJ	*
dust content relative to 13% O <sub>2</sub>	35 mg/MJ	*
NOx relative to 13% O <sub>2</sub>	150 mg/MJ	*
OGC relative to 13% O <sub>2</sub>	50 mg/MJ	*
efficiency	80 %	*

\* see LE29061052