

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

No.: LE29102430



1. product Change HB (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 10 2430
- 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) | CO [$\leq 0,1 \%$], [$\leq 1250 \text{ mg/m}^3$] 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) | 290 °C |
| mechanical resistance (to carry a chimney/flue) | NPD |
| thermal output / efficiency | pass |
| nominal heat output | 8 kW |
| room heating output | 8 kW |
| water heating output | not applicable |
| efficiency (log of wood) | η [80,7 %] |

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 Change HB (with heat exchanger)

| | |
|--|-------------|
| fuel | log of wood |
| <i>emission values at nominal heat output (closed operation)</i> | |
| exhaust gas mass flow based on nominal heat output | 7,8 g/s |
| flue gas outlet temperature | 290 °C |
| required discharge pressure at the connecting piece, min.-max. | 12-20 Pa |
| <i>Emission values for the calculation of downstream heat exchangers</i> | |
| thermal output | 12,8 kW |
| exhaust gas mass flow | 17,1 g/s |
| flue gas temperature downstream of heat exchanger | 533 °C |
| required discharge pressure at the connecting piece | 15 Pa |
| combustion air requirements | 47,3 m³/h |
| 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 | RRF - 29 10 2430 | |
| notified laboratory | RRF - Rhein-Ruhr Feuerstätten Prüfstelle GmbH D-46047 Oberhausen notified body number: 1625 | |
| 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 | 80 % | ✓ |

| Agreement according to Art. 15a B-VG (Austria) emission limit values and minimum efficiency level | | |
|--|---|---|
| report | RRF - 29 10 2430 | |
| notified laboratory | RRF - Rhein-Ruhr Feuerstätten Prüfstelle GmbH D-46047 Oberhausen notified body number: 1625 | |
| CO content relative to 13% O ₂ | 1100 mg/MJ | ✓ |
| dust content relative to 13% O ₂ | 35 mg/MJ | ✓ |
| NO _x relative to 13% O ₂ | 150 mg/MJ | ✓ |
| OGC relative to 13% O ₂ | 50 mg/MJ | ✓ |
| efficiency | 80 % | ✓ |