

# Declaration of performance (DOP)

H470W-H570W



|  |   |
|--|---|
| Product type   | Insert  |
| Type   | Lotus H470W-Lotus H570W   |
| Serial number  | See EN-label  |
| Intended use of the product  | Room heater, without hot water supply                                     |
| Fuel   | Solid fuel  |
| Manufacturer   | Lotus Heating Systems A/S   |
| Address of the manufacturer  | Agertoften 6<br>5550 Langeskov DK   |
| System of assessment and verification of constancy of performance of the product. AVCP | System 3  |
| Harmonized technical specification   | EN 13 229: 2001/A2:2004/AC:2007   |
| Notified Laboratory  | Reihn-Ruhr Feuerstätten Prüfstelle, 1625<br>Test report: RRF-29 13 3240-1 |

## Declared performance

| Essential characteristics                   | Performance  | Harmonized technical specification |
|---|--|------------------------------------|
| Reaction to fire                            | A1 WT  |                                    |
| Distance to combustible materials           | Minimum distance rear: Follow the installation and operation manual<br>Sides: Follow the installation and operation manual<br>Front: 800 mm                              |                                    |
| Risk of burning fuel falling out            | Pass   |                                    |
| Emission of combustion products             | CO: 0,10 %<br>CO: 1250 mg/Nm <sup>3</sup><br>Dust: 19,4 mg/Nm <sup>3</sup><br>Dust NS: 3,97 g/kg dried wood<br>OGC: 89 mg/Nm <sup>3</sup><br>NOx: 135 mg/Nm <sup>3</sup> | EN 13 229:<br>2001/A2:2004/AC:2007 |
| Surface temperature                         | Pass   |                                    |
| Cleanability                                | Pass   |                                    |
| Mechanical resistance(carry a flue)         | Pass   |                                    |
| Risk of fuel falling out                    | Pass   |                                    |
| Nominal heat output                         | 7 KW   |                                    |
| Energy efficiency                           | 80,5 %   |                                    |
| Flue gas temperature at nominal heat output | 248 °C   |                                    |

Signed for and on behalf of the manufacturer by:

Johnny Ebstrup, CEO Lotus Heating Systems A/S

