

# 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 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 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 Sides: Follow the installation and operation manual Front: 800 mm	
Risk of burning fuel falling out	Pass	
Emission of combustion products	CO: 0,10 % CO: 1250 mg/Nm <sup>3</sup> Dust: 19,4 mg/Nm <sup>3</sup> Dust NS: 3,97 g/kg dried wood OGC: 89 mg/Nm <sup>3</sup> NOx: 135 mg/Nm <sup>3</sup>	EN 13 229: 2001 /A2:2004/AC:2007
Surface temperature	Pass	
Cleanability	Pass	
Mechanical resistance(carry a flue)	Pass	
Risk of fuel falling out	Pass	
Norminal 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

