

Declaration of performance (DOP)

H586-CPR-2016/07/27



Product type	Insert
Type	Lotus H586
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 16 4324

Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1 WT	
Distance to combustible materials	Minimum distance rear: Sides: Front: 1650 mm	
Risk of burning fuel falling out	Pass	
Emission of combustion products	CO: 1125 mg/m ³ Dust: 15 mg/m ³ Dust NS: g/kg dried wood OGC: 72 mg/m ³ NOx: 103 mg/m ³	EN 13 229: 2001 /A2:2004/AC:2007
Surface temperature	Pass	
Cleanability	Pass	
Mechanical resistance(cary a flue)	Pass	
Risk of fuel falling out	Pass	
Norminal heat output	11 KW	
Energy efficency	80 %	
Flue gas temperature at nominal heat output	334 °C	

Signed for and on behalf of the manufacturer by.

Johnny Ebstrup, CEO Lotus Heating Systems A/S

