

# Declaration of performance (DOP)



M-CPR-2013/07/01-V1

Product type	Freestanding stove
Type	Lotus M1,M2,M3,M4
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 13 240: 2001 /A2:2004/AC:2007
Notified Laboratory	Reihn-Ruhr Feuerstätten Prüfstelle, 1625 Test report:: RRF-40 04 790

## Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1 WT	
Distance to combustible materials	Minimum distance rear: 100mm Sides: 100mm Front: 800mm	
Risk of burning fuel falling out	Pass	
Emission of combustion products	CO: 1125 mg/m <sup>3</sup> Dust: 24 mg/m <sup>3</sup> Dust: {tag_emissioner stoev g-kg} g/kg dried wood OGC: 48 mg/m <sup>3</sup> NOx: 104 mg/m <sup>3</sup>	EN 13 240: 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	6 KW	
Energy efficiency	82 %	
Flue gas temperature at nominal heat output	300 °C	

Signed for and on behalf of the manufacturer by.

Johnny Ebstrup, CEO Lotus Heating Systems A/S

