

# Declaration of performance (DOP)



Style-CPR-2017/09/08-V1

Product type	Freestanding stove
Type	Lotus Style 470W
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 : 2001 /A2:2004/AC:2007
Notified Laboratory	Reihn-Ruhr Feuerstätten Prüfstelle, 1625 Test report:: RRF-40 17 4635

## Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1 WT	
Distance to combustible materials	Minimum distance rear: 150mm Sides: 250mm Front: 1400mm	
Risk of burning fuel falling out	Pass	
Emission of combustion products	CO: 1250 mg/m <sup>3</sup> Dust: 19 mg/m <sup>3</sup> Dust: {tag_emissioner stoev g-kg} g/kg dried wood OGC: 89 mg/m <sup>3</sup> NOx: 135 mg/m <sup>3</sup>	EN : 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	7 KW	
Energy efficiency	81 %	
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

