

Declaration of performance (DOP)



H700-CPR-2015/03/18

Product type	Insert
Type	Lotus H700
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 08 1703

Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1 WT	
Distance to combustible materials	Minimum distance rear: Outside insulation 120mmmm Sides: Outside insulation 120mm Front: 800mm	
Risk of burning fuel falling out	Pass	
Emission of combustion products	CO: 0,04 % CO: 500 mg/Nm ³ Dust: 29 mg/Nm ³ Dust NS: 4,62 g/kg dried wood OGC: 28 mg/Nm ³ NOx: 81 mg/Nm 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	6	
Energy efficiency	83 %	
Flue gas temperature at nominal heat output	308 °C	

Signed for and on behalf of the manufacturer by:

Lars U. Borch, CEO / Managing Director Lotus Heating Systems A/S

