

Declaration of performance (DOP)



Beto 470 CPR-2016/05/31

Product type	Insert
Type	Lotus Beto 470
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 14 3815

Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1 WT	
Distance to combustible materials	Minimum distance rear: 0mm Sides: 200 Front: 800mm	
Risk of burning fuel falling out	Pass	
Emission of combustion products	CO: 0,09 % CO: 1125 mg/Nm ³ Dust: 18 mg/Nm ³ Dust NS: 2,69 g/kg dried wood OGC: 74 mg/Nm ³ NOx: 105 mg/Nm ³	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	
Nominal heat output	6	
Energy efficiency	84 %	
Flue gas temperature at nominal heat output	248 °C	

Signed for and on behalf of the manufacturer by.

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

