

# Declaration of performance (DOP)



Maestro 152 (EN 15 250) CPR-2019/10/30-V1

Product type	Freestanding stove
Type	Lotus Maestro 152 (EN 15 250)
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 15,250 /A2:2004
Notified Laboratory	Teknologisk institut, 1235 Test report: 300-ELAB-300-ELAB-2416-EN-MASON

## Declared performance

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	A1 WT	
Distance to combustible materials	Minimum distance rear: 100mm Sides: 220mm Front: 900mm	
Risk of burning fuel falling out	Pass	
Emission of combustion products	CO: 0.08 % CO: 1060 mg/Nm <sup>3</sup> Dust: 8 mg/Nm <sup>3</sup> Dust NS: 4.77 g/kg dried wood OGC: 15 mg/Nm <sup>3</sup> NOx: 107 mg/Nm <sup>3</sup>	EN 15,250: /A2:2004
Surface temperature	Pass	
Cleanability	Pass	
Mechanical resistance(cary a flue)	Pass	
Risk of fuel falling out	Pass	
Norminal heat output	107 MJ	
Energy efficiency	81 %	
Flue gas temperature at nominal heat output	217 °C	

Signed for and on behalf of the manufacturer by:

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

