



## UK: Declaration of Performance (DOP)

### Samsø, Tunø, Birkholm, Falster

Product type	Fritstående ovn		
Type, batch or serial number	Samsø, Tunø, Birkholm, Lolland, Falster		
Intended use of the product	This stove is designed for solid fuel and intermittent burning. Without hot water supply.		
Name and Address of the manufacturer	Varde Ovne A/S Pottemagervej 1 7100 Vejle, Danmark		
AVCP	System 3		
Approval place Notified body no. Test report no.	RRF, Im Lipperfeld 34b, D-46047 Oberhausen NB-No 1625 Rapport nr. RRF- 40 17 4482, RRF-AU 17 4482 Rapport nr. RRF- 40 14 3654, RRF-AU 14 3654 Teknologisk Institut, Kongsvang Alle 29, DK-8000 Aarhus C NB-No 1235, Rapport nr. 300-ELAB-1713-NS		
<b>Declared performance</b>			
Harmonized technical specification	EN 13240:2001/A2:2004/AC:2007 Art. 15a B-VG, NS-3058		
Seasonal Space Efficiency (EEI) EU 2015/1186	108		
Essential characteristics	Performance		
<b>Fire safety</b>			
Reaction to fire	A1		
Distance to combustible materials Minimum distances, in mm	Rear = 200 Sides = 200 Front = 800		
Fuel types	Primary: Wood, moisture content ≤ 25% Secondary: Pressed wood briquettes, moisture content ≤ 12% Air regulation: Manuel stepless		
Emission of combustion products	<b>Art 15-A</b>	<b>EN 13240 13% O<sub>2</sub></b>	<b>NS 3058 / NS 3059</b>
CO	755 mg/MJ	1125 mg/Nm <sup>3</sup> – 0,09 %	Total 2,26 g/kg – max. 2,53 g/kg
OGC	47 mg/MJ	80 mg/Nm <sup>3</sup>	
Dust	9 mg/MJ	14 mg/Nm <sup>3</sup>	
NOX	87 mg/MJ	133 mg/Nm <sup>3</sup>	
Surface temperature		OK	
Electrical safety		–	
Clean ability		OK	
Maximum water operating pressure		–	
Flue gas temperature at nominal heat output		295 °C	
Mechanical resistance (to carry a chimney/flue)		OK	
<b>Thermal output</b>			
Normal heat output		5,0 kW	
Room heating output		5,0 kW	
Water heating output		–	
<b>Energy efficiency</b>	81 %	81 %	
<b>Annual efficiency</b>	72,9 %	72,9 %	

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Signed on behalf of the manufacturer

Michael Verman, CEO