WOODWARM STOVES

Declaration of performance according to Regulation (EU) 305/2011

Phoenix Firebug Eco - Free Standing stove

Point			
1	**Product Type**		Woodwarm Stoves roomheater burning solid fuel without supply of hot water in accordance with BS EN 13240:2001 + Amd 2:2004
2	**Product model designation**		Phoenix Firebug (M104E), Serial No.- See Data Plate on the stove
3	**Intended use**		Roomheater burning solid fuel without supply of hot water
4	**Manufactured by**		Woodwarm Stoves Ltd. Metal Developments Ltd, The Workshop, Wheatcroft Farm Cullompton, Devon, EX15 1RA Tel: 01884 35806 Fax: 01884 35505 Email: sales@woodwarmstoves.co.uk
5	**Manufacturer's authorised representative**		Woodwarm Stoves
6	**System of assessment and verification of constancy of performance**		System 3
7	**Notified laboratory name and address**		The notified laboratory Kiwa Gastec. Laboratory no. 692 perfomed the determination of the product type specification on the basis of type testing under system 3 and issued the test report Ref: 61079
8	**Declared performance:**		
	Harmonised Technical specification:	BS EN 13240:2001 + Amd 2:2004	
	Essential characteristics	**Performance - Wood**	**Performance - Ancit**
	Fire Safety:- Reaction to fire	A1	
	Clearance distances to combustible materials Standard model (Convector model)	Single Wall Flue = 800mm (500mm) To Rear / 650mm (450mm) To Side Twin wall Flue = 750mm (300mm) To Rear / 600mm (400mm) To Side	
	Risk of burning fuel falling out	PASS	
	Emission of combustion products	CO = 0.04% OGC = 30 Nmg NOx = 96 Nmg PM = 32 Nmg	CO = 0.05% OGC = 20 Nmg NOx = 61 Nmg PM = 13 Nmg
	Surface temperatures	PASS	PASS
	Electrical safety	N/A	N/A
	Cleanability	PASS	PASS
	Flue gas temperature at nominal heat output	310°C	347°C
	Mechanical resistance to carry a chimney	NPD	NPD
	Nominal output	8.0kW	8.0kW
	Room heating output	8.0kW	8.0kW
	Gross efficiency	71.8%	78.0%
	Net efficiency	78.4%	79.9%
9	The performance of the product identified in points 1 and 2 is in conformity with the declared performance given in point 8.		

Signed for and on behalf of the manufacturer by:

Simon Brown _____ 29 / 01 / 2019 _____ SJBrown _____