

Louisa Single

Declaration of Performance



DOP No.	2608-13	Unique Product Code	LS
Trading Name	Louisa Single	Type, Batch, or Serial Number	LS _-_-_-

Manufacturer:

MHS Radiators Ltd, Unit 4 Genesis, Endeavour Drive, Basildon, SS14 3WF

Tel: 0345 521 5666 | Email: mhs@modularhg.co.uk | Website: www.mhsradiators.co.uk

System of ACVP:

System 3

Declared uses of the product, within the scope of the applicable harmonised technical specification:

Radiators for heating emission meant for permanent installation in heating systems of domestic buildings, supplied by a remote source of hot water or steam with temperature inferior to 110° C (EN 442-1-2 2014).

Notified Laboratory:

Laboratorio M.R.T. - Notified Body Number: 1695

Via Raffaele Lambruschini 4A, 20156 Milano

Tel: 02-23993825 | E-mail: mrt@polimi.it | Website: www.mrt.polimi.it

The notified body performed tests according to harmonised standard UNI EN 442 and released:

Test Report for the determination of the thermal power of an heating element:

N° ENE/MRT.ITPL.16007 – 30/03/2016; ENE/MRT.RES. 16006a, 16006b – 30/03/2016

Pressure Resistance Test Report:

N° ENE/MRT.RAP.16101P/16102P/16103P/16104P/16105P/16106P/16107P/16108P – 30/03/2016

Harmonised technical specifications:

EN 442-1:2014, PCR-ed4-EN-2021 09 06,

PSR-0011-ed2.0 EN-2023 06 06, ISO 14025:2006, EN15804+A2.

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Declared performance:

Performance of the essential characteristics defined by the harmonised technical specification:

Essential Characteristics	Performance				
Fire reaction	A1				
Release of dangerous substances	NO				
Maximum working pressure	8 bar				
Pressure tightness	No leakage at 1.3 x working pressure				
Pressure resistance	No leakage at 1.69 x working pressure				
Maximum surface temperature	110°C				
Rated thermal output	Dimensions mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K_m	n
	430x760	436	238	4.243	1.1839
	480x760	489	268	4.8744	1.178
	430x1160	631	341	5.613	1.2071
	480x1160	705	383	6.5433	1.196
	530x1160	779	425	7.5443	1.1852
	580x1160	852	468	8.6202	1.1743
	430x1410	753	407	6.7097	1.2065
	480x1410	838	455	7.7497	1.1971
	530x1410	923	503	8.8586	1.1876
	580x1410	1008	552	10.0401	1.1782
	430x1885	986	533	8.8311	1.2054
	480x1885	1090	591	10.0171	1.1988
	530x1885	1194	649	11.2594	1.1922
	580x1885	1298	708	12.5601	1.1856
	530x2110	1322	722	12.8094	1.1853
	580x2110	1438	788	12.2955	1.1779
	730x2110	1768	980	19.222	1.1558
Characteristic curve	$\Phi = K_m \times \Delta T^n$				
Resistance against corrosion	No > 100h				
Resistance against minor impact	Class 0				

Signed for and on behalf of the manufacturer by:

Alex Bradley
Commercial Director
10/09/26