Energia

Declaration of Performance

DOP No.	**2608-27**	Unique Product Code	**EN**

Trading Name	**Energia**	Type, Batch, or Serial Number	**EN__-___-__**

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.RAP.12130 – 16/04/2012

Pressure Resistance Test Report:
N° ENE/MRT.RAP.12130 – 16/04/2012

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.

Energia

Declaration of Performance

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	5 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 (per section)	Height mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K_m	n
	540	83.0	42.9	0.5276	1.2930
	640	96.2	49.6	0.6015	1.2972
	840	121.6	62.4	0.7355	1.3057
	940	133.9	68.6	0.7964	1.3100
	1800	232.2	118.3	1.3276	1.3201
	2000	253.2	129.4	1.4710	1.316
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

ABradley

.....