



DOP No.	2608-28	Unique Product Code	AST
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Trading Name	Astro	Type, Batch, or Serial Number	AST_/_
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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:

In heating systems in buildings.

Notified Laboratory:

3 Column, 520mm Height:

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

Via Raffaele Lambruschini 4A, 20156 Milano

All other sizes:

INSTYTUT ENERGETYKI — Notified Body 1452

Oddział Techniki Grzewczej i Sanitarnej w Radomiu

26-610 Radom, ul. Wilcza 8

Harmonised technical specifications:

EN 442-1:2014

Astro

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				
Pressure tightness	No leakage at 1.3 x working pressure				
Pressure resistance	No leakage at 1.69 x working pressure				
Maximum surface temperature	95°C				
Rated thermal output (per section)	2 Column				
	Height mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K _m	n
	520	86	46	0.6611	1.2453
	620	103	54	0.7785	1.2475
	720	124	66	1.0073	1.2303
	920	161	85	1.2334	1.2453
	3 Column				
	Height mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K _m	n
	520	97	50	0.6438	1.2820
	620	119	63	0.9421	1.2369
	720	138	72	0.9969	1.2603
	920	176	92	1.2620	1.2622
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
18/09/26