

Arc Double

Declaration of Performance



DOP No.	2608-03	Unique Product Code	ARCVD
Trading Name	Arc Double	Type, Batch, or Serial Number	ARCVD _ _ _

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.RES.15039 – 30/07/2015;

Pressure Resistance Test Report:

N° ENE/MRT.RAP.15219P/15220P/18354P/15221P – 30/07/2015.

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	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 tube)	Height mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K _m	n
	600	69.7	36.0	0.4410	1.2831
	634	73.2	37.8	0.4814	1.2843
	800	90.1	46.5	0.5669	1.2883
	1000	110.1	56.8	0.6981	1.2935
	1200	129.8	66.8	0.8068	1.2987
	1400	149.3	76.7	0.9098	1.3038
	1600	168.7	86.4	1.0077	1.3089
	1800	188.0	96.6	1.1441	1.3042
	1900	197.7	101.6	1.2063	1.3034
	2000	207.3	106.7	1.2851	1.2994
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
28/08/26