

Arto Horizontal Double

Declaration of Performance



DOP No.	2608-05	Unique Product Code	ARTHD
Trading Name	Arto Horizontal Double	Type, Batch, or Serial Number	ARTHD _ - _ - _

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:

CETIAT – Centre Technique Des Industries Aerauliques et Thermiques – Notified Body Number: 1623
Domaine Scientifique de la Doua – 25, avenue des Arts – 69100 Villeurbanne

Tel: +33 0472444900 | E-mail: cetiat.commercial@cetiat.fr | Website: www.cetiat.fr

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° 2008-138, 2008-140, 2008-141 – 24/06/2008

Pressure Resistance Test Report:
N°2008-138, 2008-140, 2008-141 – 24/06/2008

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	See Appendix 1
Thermal output in different operating conditions	See Appendix 1
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

A handwritten signature in black ink that reads 'ABradley'. The signature is written in a cursive, stylized font. Below the signature is a horizontal dotted line.

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Appendix 1 - Declared performance:

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

Rated thermal output	Dimensions mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K_m	n
	280x1000	599	316	4.4701	1.2520
	336x1000	705	373	5.3191	1.2492
	392x1000	808	428	6.1609	1.2465
	448x1000	908	481	6.9969	1.2438
	504x1000	1005	533	7.8297	1.2410
	560x1000	1099	584	8.6529	1.2383
	616x1000	1191	634	9.4806	1.2355
	672x1000	1280	682	10.2972	1.2328
	728x1000	1367	727	11.1139	1.2301
	784x1000	1451	775	11.9267	1.2273
	840x1000	1533	820	12.7345	1.2246