

Declaration of Performance (DoP)

Radiators  Direct



DoP Reference Number: Z150-ZA.21

Version 1.1

1. *Unique identification code of the product type:*

Isabella 50 Towel Rail

2. *Serial Number:*

“IS50TRXXXXXX”

3. *Intended Use/Uses:*

In heating systems in buildings

4. *Manufacture:*

IRSAP UK

Units 13-14 Charlwoods Road

East Grinstead

West Sussex

RH19 2HU

www.irsap.co.uk

5. *System/Systems of AVCP:*

System 3

6. *Notified Body/Bodies:*

POLITECNICO DI MILANO

Dipartimento di ENERGIA

Laboratorio M.R.T. (Misure Ricerche Termotecniche)

Via Raffaele Lambruschini, 4

20156 - MILANO – ITALY

Radiator Direct is a brand of IRSAP

Units 13 – 14 Charlwoods Road | East Grinstead | West Sussex | RH19 2HU

Tel: 01342 305555 | email: info@radiatorsdirect.co.uk | Web: www.radiatorsdirect.co.uk



IRSAP

RADMAC

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7. Declared Performance:

Essential Characteristics	Properties	Harmonised technical specification
Reaction to fire	A1	EN-442-1:2014
Release of dangerous substances	No Release	
Maximum working pressure	4 Bar	
Pressure tightness	No Leakage at 5.2 Bar	
Surface temperature maximum	95°C	
Resistance to pressure	No Breakage at 6.8 Bar	
Rated thermal outputs	See Table 1	
Thermal output in different operating conditions	$\Phi = K_M \times \Delta T^n$ K_M & n see table 1	

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Table 1:

Height (mm)	Width (mm)	Code	Output $\Delta T=50^{\circ}\text{C}$ (watts)	Output $\Delta T=30^{\circ}\text{C}$ (watts)	Coefficient Km	Exponent n
940	500	IS50TR945009	365	198	3.4056	1.1949
	600	IS50TR946009	422	230	4.0366	1.1885
1290	500	IS50TR125012	489	264	4.4042	1.2039
	600	IS50TR126012	565	305	5.0744	1.2047
1640	500	IS50TR165015	628	337	5.3536	1.2180
	600	IS50TR166015	730	391	6.1696	1.2202

The performance of the product identified in point 1 is in conformity with the declared performances in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed:



Andrew Phillips
Managing Director
21st August 2024