

Declaration of Performance

DOP No. Z4-46.1920/1

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

Lupin

2. *Serial Number:*

“LUPIXXXX”

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**

The Radiator Company is a brand of IRSAP

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

Tel: 01342 302250 | email: sales@theradiatorcompany.co.uk | Web: www.theradiatorcompany.co.uk

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	8 Bar	
Pressure tightness	No Leakage at 10.5 Bar	
Surface temperature maximum	95°C	
Resistance to pressure	No Breakage at 13.6 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	Width	Code	Output $\Delta T=50^{\circ}\text{C}$	Output $\Delta T=30^{\circ}\text{C}$	Coefficient K_M	Exponent n
(mm)	(mm)		(watts)	(Watts)		
718	400	LUPI7140	293	157	2.49936	1.21768
718	500	LUPI7150	363	195	3.17913	1.21078
718	600	LUPI7160	432	234	3.89460	1.20387
1210	400	LUPI1240	472	252	3.89903	1.22621
1210	500	LUPI1250	572	306	4.77214	1.22329
1210	600	LUPI1260	671	360	5.66511	1.22037
1497	400	LUPI1440	579	310	4.80055	1.22494
1497	500	LUPI1450	700	375	5.86936	1.22219
1497	600	LUPI1460	821	440	6.96047	1.21943
1866	400	LUPI1840	717	381	5.66511	1.23747
1866	500	LUPI1850	867	462	7.03244	1.23061
1866	600	LUPI1860	1016	544	8.46990	1.22374

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.

Andrew Phillips



**Managing Director
January 2020**

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