

Declaration of Performance

DOP No. RD-2.1920/1

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

Leoni 2 Column

2. *Serial Number:*

"LEON2CXXXX"

3. *Intended Use/Uses:*

In heating systems in buildings

4. *Manufacturer:*

**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



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	12 Bar	
Pressure tightness	No Leakage at 15.6 Bar	
Surface temperature maximum	95°C	
Resistance to pressure	No Breakage at 20.28 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 K_M	Exponent n
500	609	LEON2C506013H	477	251	3.52079	1.2545
500	834	LEON2C508318H	661	347	4.87494	1.2545
500	1014	LEON2C501022H	807	425	5.95826	1.2545
500	1194	LEON2C501126H	954	502	7.04158	1.2545
500	1374	LEON2C501330H	1101	579	8.1249	1.2545
600	609	LEON2C606013H	562	294	4.01817	1.2625
600	834	LEON2C608318H	778	407	5.56362	1.2625
600	1014	LEON2C601022H	950	497	6.79998	1.2625
600	1194	LEON2C601126H	1123	588	8.03634	1.2625
600	1374	LEON2C601330H	1296	678	9.2727	1.2625
750	519	LEON2C755111H	582	304	3.97628	1.2745
750	609	LEON2C756013H	688	359	4.69924	1.2745
750	834	LEON2C758318H	952	497	6.50664	1.2745
1800	339	LEON2C183307V	870	441	4.79675	1.3294
1800	429	LEON2C184209V	1119	567	6.16725	1.3294
1800	519	LEON2C185111V	1367	693	7.53775	1.3294
1800	609	LEON2C186013V	1616	819	8.90825	1.3294

The performance of the product identified in point 1 is in conformity with the declared performances in point. This declaration of performance is issued under the sole responsibility of the manufacture identified in point 3

Andrew Phillips



**Managing Director
January 2021**

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