

## Declaration of Performance

*DOP No. Z5-2.1920/1*

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

**Argyll Curved**

2. *Serial Number:*

**"ARGCXXXXXX"**

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](http://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**

Supplies4Heat is a brand of IRSAP

Units 13 – 14 Charlwoods Road | East Grinstead | West Sussex | RH19 2HU  
Tel: 01342 306880 | email: [enquiries@supplies4heat.co.uk](mailto:enquiries@supplies4heat.co.uk) | Web: [www.supplies4heat.co.uk](http://www.supplies4heat.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	5 Bar	
Pressure tightness	No Leakage at 6.5 Bar	
Surface temperature maximum	90°C	
Resistance to pressure	No Breakage at 8.4 Bar	
Rated thermal outputs	See Table 1	
Thermal output in different operating conditions	$\Phi = K_M \times \Delta T^n$ K <sub>M</sub> & 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 $n$
800	500	ARGC805014C	252	133	1.96675	1.24777
800	600	ARGC806014C	295	156	1.98436	1.27854
1200	500	ARGC125021C	378	200	2.59925	1.26019
1200	600	ARGC126021C	443	234	3.06371	1.27145
1800	500	ARGC185032C	558	295	3.94450	1.26585
1800	600	ARGC186032C	654	346	4.20473	1.29010

**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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**IRSAP**

**RADMAC**