

# Declaration of Performance (DoP)



DoP Reference Number: Z150-ZA.09

Version 1.1

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

**Rossetti Type 11**

2. *Serial Number:*

**“ROSS11XXXX”**

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](http://www.irsap.co.uk)**

5. *System/Systems of AVCP:*

**System 3**

6. *Notified Body/Bodies:*

**SZU - Strojírenský zkušební ústav**

**Hudcova**

**424/56b**

**CZ-621 00 – BRNO**

**CZECH REPUBLIC**

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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](mailto:info@radiatorsdirect.co.uk) | Web: [www.radiatorsdirect.co.uk](http://www.radiatorsdirect.co.uk)

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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	10 Bar	
Pressure tightness	No Leakage at 13 Bar	
Surface temperature maximum	110°C	
Resistance to pressure	No Breakage at 16.9 Bar	
Rated thermal outputs	See Table 1	
Thermal output in different operating conditions	$\Phi = K_M \times \Delta T^n$ $K_M \& n \text{ see table 1}$	

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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
400	400	ROSS114040	271	142	1.8974	1.2683
400	600	ROSS114060	407	213	2.8496	1.2683
400	800	ROSS114080	542	284	3.7949	1.2683
400	1000	ROSS114010	678	355	4.7471	1.2683
400	1100	ROSS114011	746	390	5.2232	1.2683
400	1200	ROSS114012	814	426	5.6993	1.2683
400	1400	ROSS114014	949	496	6.6445	1.2683
400	1600	ROSS114016	1085	568	7.5967	1.2683
400	1800	ROSS114018	1220	638	8.5419	1.2683
400	2000	ROSS114020	1356	709	9.4941	1.2683
500	400	ROSS115040	327	171	2.2904	1.2682
500	600	ROSS115060	491	257	3.4391	1.2682
500	800	ROSS115080	654	342	4.5808	1.2682
500	1000	ROSS115010	818	428	5.7295	1.2682
500	1100	ROSS115011	900	471	6.3039	1.2682
500	1200	ROSS115012	982	514	6.8782	1.2682
500	1400	ROSS115014	1145	599	8.0200	1.2682
500	1600	ROSS115016	1309	685	9.1687	1.2682
500	1800	ROSS115018	1472	770	10.3104	1.2682
500	2000	ROSS115020	1636	856	11.4591	1.2682
600	400	ROSS116040	381	199	2.6686	1.2682
600	600	ROSS116060	572	299	4.0065	1.2682
600	700	ROSS116070	667	349	4.6719	1.2682
600	800	ROSS116080	762	399	5.3373	1.2682
600	900	ROSS116090	858	449	6.0097	1.2682
600	1000	ROSS116010	953	499	6.6751	1.2682
600	1100	ROSS116011	1048	548	7.3405	1.2682
600	1200	ROSS116012	1144	599	8.0129	1.2682
600	1400	ROSS116014	1334	698	9.3438	1.2682
600	1600	ROSS116016	1525	798	10.6816	1.2682
600	1800	ROSS116018	1715	897	12.0124	1.2682
600	2000	ROSS116020	1906	997	13.3502	1.2682

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# Declaration of Performance (DoP)

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  
12<sup>th</sup> August 2024

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