

Declaration of Performance (DoP)



DoP Reference Number: Z150-ZA.10

Version 1.1

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

Rossetti Type 22

2. *Serial Number:*

“ROSS22XXXX”

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:*

SZU - Strojírenský zkušební ústav

Hudcova

424/56b

CZ-621 00 – BRNO

CZECH REPUBLIC

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

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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 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
300	800	ROSS223080	758	387	4.4366	1.3141
300	1000	ROSS223010	948	484	5.5487	1.3141
300	1200	ROSS223012	1138	582	6.6608	1.3141
300	1400	ROSS223014	1327	678	7.7670	1.3141
300	1600	ROSS223016	1517	775	8.8791	1.3141
300	1800	ROSS223018	1706	872	9.9853	1.3141
400	400	ROSS224040	475	242	2.7445	1.3174
400	600	ROSS224060	712	363	4.1139	1.3174
400	800	ROSS224080	950	485	5.4891	1.3174
400	900	ROSS224090	1068	545	6.1709	1.3174
400	1000	ROSS224010	1187	606	6.8585	1.3174
400	1200	ROSS224012	1424	727	8.2279	1.3174
400	1400	ROSS224014	1662	848	9.6030	1.3174
400	1600	ROSS224016	1899	969	10.9724	1.3174
400	1800	ROSS224018	2137	1090	12.3476	1.3174
400	2000	ROSS224020	2374	1211	13.7170	1.3174
500	400	ROSS225040	566	288	3.2271	1.3208
500	600	ROSS225060	848	432	4.8350	1.3208
500	800	ROSS225080	1131	576	6.4486	1.3208
500	1000	ROSS225010	1414	720	8.0621	1.3208
500	1200	ROSS225012	1697	864	9.6757	1.3208
500	1400	ROSS225014	1980	1008	11.2893	1.3208
500	1600	ROSS225016	2262	1152	12.8971	1.3208
500	1800	ROSS225018	2545	1296	14.5107	1.3208
500	2000	ROSS225020	2828	1440	16.1243	1.3208
600	400	ROSS226040	652	332	3.6698	1.3241
600	600	ROSS226060	979	498	5.5103	1.3241
600	700	ROSS226070	1142	581	6.4278	1.3241
600	800	ROSS226080	1305	664	7.3452	1.3241
600	900	ROSS226090	1468	746	8.2627	1.3241
600	1000	ROSS226010	1631	829	9.1801	1.3241
600	1100	ROSS226011	1794	912	10.0976	1.3241
600	1200	ROSS226012	1957	995	11.0150	1.3241
600	1400	ROSS226014	2283	1161	12.8499	1.3241
600	1600	ROSS226016	2610	1327	14.6904	1.3241
600	1800	ROSS226018	2936	1493	16.5253	1.3241
600	2000	ROSS226020	3262	1659	18.3602	1.3241

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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
12th August 2024

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