

## Declaration of Performance

DOP No. Z5-16920/1

1. Unique identification code of the product type:

**Paxton**

2. Serial Number:

**"PAXTXXXX"**

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:

**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	6 Bar	
Pressure tightness	No Leakage at 7.8 Bar	
Surface temperature maximum	120°C	
Resistance to pressure	No Breakage at 10.1 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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# Supplies4Heat

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 $n$
526	790	PAXT527910H	1050	548	7.2381	1.27223
526	948	PAXT529412H	1260	658	8.68572	1.27223
526	1106	PAXT521114H	1470	767	10.13334	1.27223
526	1264	PAXT521216H	1680	877	11.58096	1.27223
526	1422	PAXT521418H	1890	986	13.02858	1.27223
626	790	PAXT627910H	1222	636	8.2179	1.27854
626	948	PAXT629412H	1466	763	9.86148	1.27854
626	1106	PAXT621114H	1711	890	11.50506	1.27854
626	1246	PAXT621216H	1955	1018	13.14864	1.27854
626	1422	PAXT621418H	2200	1145	14.79222	1.27854
1826	316	PAXT183104V	1206	621	7.48552	1.29902
1826	395	PAXT183905V	1507	776	9.35690	1.29902
1826	474	PAXT184706V	1808	931	11.22828	1.29902
1826	553	PAXT185507V	2110	1086	13.09966	1.29902

**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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