

Declaration of Performance

Z5-13920/1

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

Huxley

2. *Serial Number:*

"HUXLXXXX"

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:*

**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 | Web: www.supplies4heat.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	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 _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
548	800	HUXL548008H	626	326	4.20784	1.27853
548	1000	HUXL541010H	782	407	5.25980	1.27853
548	1200	HUXL541212H	938	488	6.31176	1.27853
548	1400	HUXL541414H	1095	570	7.36372	1.27853
648	800	HUXL648008H	725	376	4.74552	1.28542
648	1000	HUXL641010H	906	470	5.93190	1.28542
648	1200	HUXL641212H	1087	564	7.11828	1.28542
648	1400	HUXL641414H	1268	658	8.30466	1.28542
1848	300	HUXL183003V	691	352	3.95793	1.31948
1848	400	HUXL184004V	921	469	5.27724	1.31948
1848	500	HUXL185005V	1151	587	6.59655	1.31948
1848	600	HUXL186006V	1381	704	7.91586	1.31948

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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