

Declaration of Performance

RD-15.1920/1

1. Unique identification code of the product type:

Dante Horizontal

2. Serial Number:

“DANTHXXXX”

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**

System/Systems of AVCP:

System 3

5. Notified Body/Bodies:

**SZU - Strojírenský zkušební ústav
Hudcova
424/56b
CZ-621 00 – BRNO
CZECH REPUBLIC
NB1015**

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



6. 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	6.0 Bar	
Pressure tightness	No Leakage at 7.8 Bar	
Surface temperature maximum	95°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
410	1000	DANTH4110	392	212	3,5406	1,2034
410	1200	DANTH4112	474	260	4,7563	1,1762
495	1000	DANTH4910	460	245	3,7099	1,2321
495	1200	DANTH4912	553	299	4,9743	1,2043

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 2021**

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Declaration of Performance

DOP No, RD-15.2920/1

1. *Unique identification code of the product type:*
Dante Vertical
2. *Serial Number:*
“DANTVXXXX”
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
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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	6.0 Bar	
Pressure tightness	No Leakage at 7.8 Bar	
Surface temperature maximum	95°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
1800	410	DANTV1841	686	361	5,0519	1,2555
1800	495	DANTV1849	837	429	5,0258	1,3076

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January 2021**

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