



2026

HEATING PRODUCT RANGE



PRIME-HEAT

www.thermtek.ie



HEATING PRODUCT RANGE 2026

We are ThermTek

Thermtek has been a major player in the Heating Technology business for over 30 years.

We are the main radiator supplier to Ireland's Independent Heating and Plumbing Merchant network...

Some Interesting Facts

Our fully integrated service enables our clients to maximise profits by outsourcing all their stocking and logistic requirements

100
%

Irish owned
company

30+

Years of
experience

Large
stock



CEO statement

Ceo Statements

“

The Firefly brand has been synonymous with quality and heat efficiency since the company introduced the product to the market in 1991.

Jim Barry

Jim Barry

1st

Best radiator
brand in Ireland



Compact Radiators

Firefly | Single and Double

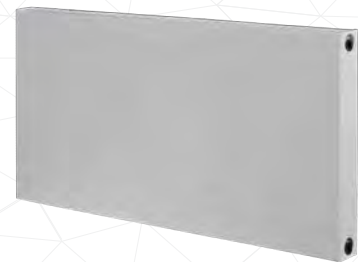
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Prime Heat Radiators

Prime-Heat

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Vertical Radiators

Firefly

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Heated Towel Rails

Firefly

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Experienced tremendous success

Since 1991 our business has experienced tremendous success through natural growth. Today the company is a key supplier to a diverse customer base that includes the DIY and Hardware industry and the extensive Plumbing and Heating merchant network. The company's core philosophy of marketing quality products at competitive prices matched by large inventories and a company run national delivery service is the key component in our ongoing growth and success.



Major player in the heating technology



Thermtek is a major player in the heating technology industry and has distributed Ireland's top heating radiator brand Firefly for over 30 years. The head office and central warehousing are located in Carrigaline, Cork.

In 1999 the company purchased a large greenfield site and had custom-built an extensive office and warehousing complex tailor made for our growing business.

Respond to the ever-changing business



Today Thermtek is well positioned to respond to the ever-changing business environment. As a fast paced and flexible organisation, we have the personnel, skills and infrastructure to provide the highest customer service to both our existing and future markets.

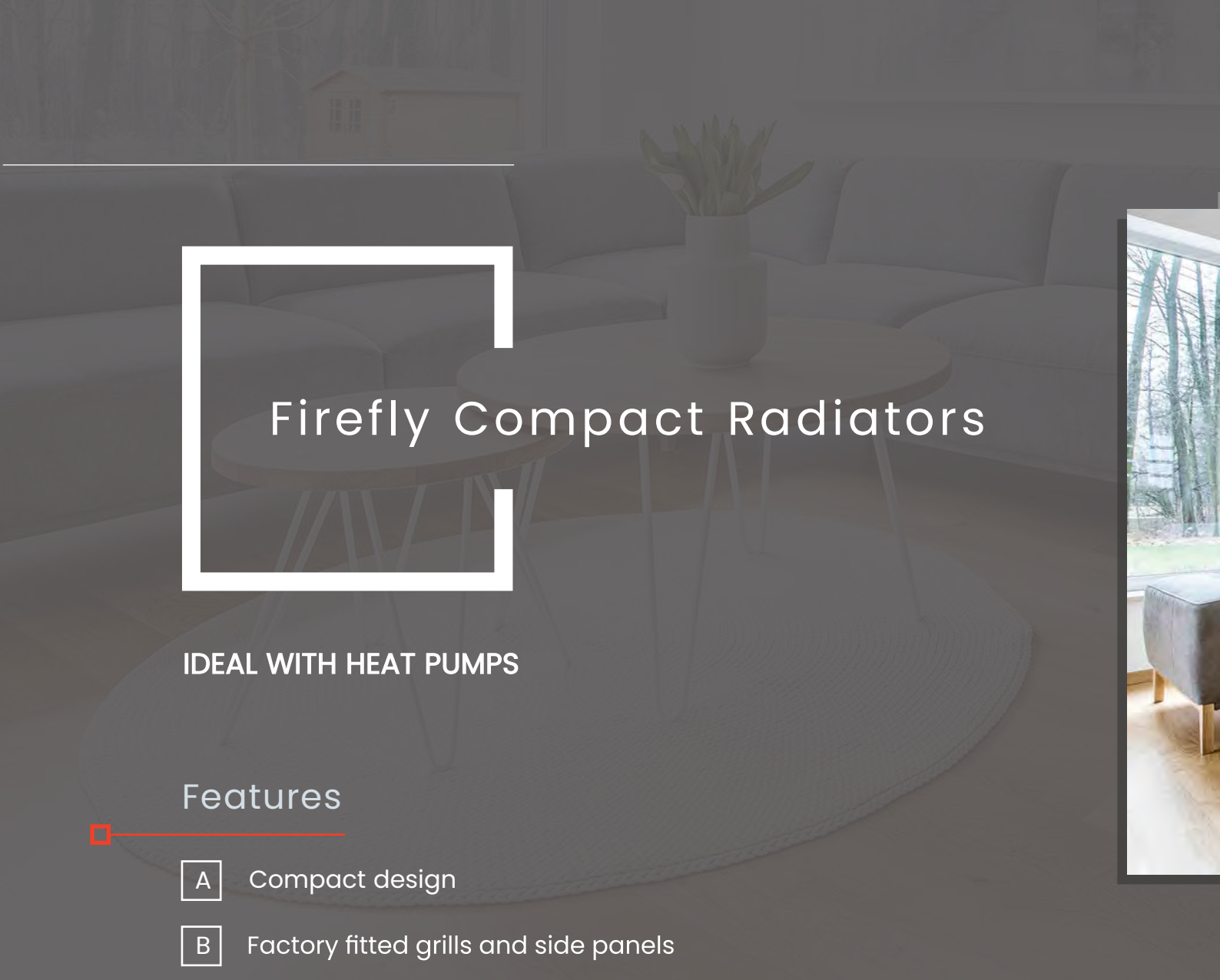
Our ability to diversify and move quickly on new opportunities has been and will be the hallmark of the company in the future.

Expanding to meet new challenges

We are committed to increasing our market share in our existing business while also expanding to meet new challenges.

This two-pronged approach will ensure that Thermtek will continue to grow in the future and build on its successful record of the past 30 years.





Firefly Compact Radiators

IDEAL WITH HEAT PUMPS

Features

- A Compact design
- B Factory fitted grills and side panels
- C Wide range of heights and widths available. From 300mm high and up to 3000mm in length.
- D 1/2" TBOE connections as standard.
- E Made and tested in accordance with BS EN 442
- F Durable powder coat RAL 9016 Finish
- G 10 Year conditional warranty
- H Low water content for maximum efficiency
- I All radiators tested to 13 bar which exceeds the operating pressure of 10 bar.
- J All radiators are double wrapped to ensure maximum protection.



LENGTH 400 - 3000 SINGLE HEIGHT 400,500,600 DOUBLE HEIGHT 300, 400, 500, 600, 750, 900

Single and Double Firefly Convactor Radiators



Firefly Heat Outputs based on Delta T 62

Single Panel Convectors : Size and Output Specifications

Height		400mm		500mm		600mm	
inches		16"		20"		24"	
Length		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU
400	16"	400	1365	437	1491	507	1731
500	20"	455	1553	547	1865	634	2164
600	24"	546	1862	655	2236	761	2596
700	28"	637	2172	765	2609	888	3029
800	32"	728	2483	874	2981	1015	3462
900	36"	819	2794	983	3354	1142	3895
1000	39"	910	3104	1092	3727	1268	4327
1100	43"	1001	3414	1202	4100	1395	4760
1200	47"	1092	3725	1311	4473	1522	5193
1300	51"	-	-	1421	4847	1648	5623
1400	55"	1273	4345	1529	5217	1776	6059
1500	59"	-	-	1639	5591	-	-
1600	63"	1456	4967	1748	5963	2029	6923
1800	70"	1637	5587	1966	6709	2283	7789
2000	79"	1819	6207	2185	7454	2537	8655

Heat Outputs are based on a Delta T of 62.

Double Panel Convectors : Size and Output Specifications

Height		300mm		400mm		500mm		600mm		750mm	
inches		12"		16"		20"		24"		30"	
Length		OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU
400	16"	-	-	-	-	831	2836	959	3271	1122	3828
500	20"	696	2376	873	2977	1039	3545	1198	4089	1402	4784
600	24"	836	2851	1047	3572	1247	4254	1438	4907	1682	5739
700	28"	975	3326	1221	4167	1455	4963	1678	5724	1962	6694
800	32"	1114	3802	1396	4762	1662	5672	1918	6543	2243	7653
900	36"	1254	4277	1570	5357	1870	6381	2157	7360	2524	8612
1000	39"	1393	4752	1744	5952	2078	7090	2397	8178	2804	9567
1100	43"	-	-	1919	6548	2286	7799	2637	8996	-	-
1200	47"	1671	5702	2093	7143	2495	8513	2876	9814	3365	11481
1300	51"	-	-	-	-	2703	9222	3116	10632	-	-
1400	55"	1950	6652	2443	8334	2909	9925	3356	11450	3926	13396
1500	59"	-	-	-	-	3214	10965	-	-	-	-
1600	63"	2228	7602	2791	9524	3324	11343	3835	13086	4486	15306
1800	70"	2507	8553	3132	10685	3740	12761	4314	14721	5047	17220
2000	79"	2783	9495	3489	11905	4156	14180	4794	16356	5608	19134

Heat Outputs are based on a Delta T of 62.

Firefly Heat Outputs based on Delta T 50

Single Panel Convectors : Size and Output Specifications

Height		400mm		500mm		600mm	
inches		16"		20"		24"	
Length		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU
400	16"	303	1034	331	1130	384	1311
500	20"	345	1177	414	1413	480	1639
600	24"	413	1411	496	1694	576	1967
700	28"	482	1645	579	1977	673	2295
800	32"	551	1881	662	2258	769	2623
900	36"	620	2117	745	2541	865	2951
1000	39"	689	2352	828	2823	961	3278
1100	43"	758	2586	910	3106	1057	3606
1200	47"	827	2822	993	3389	1153	3934
1300	51"	-	-	1076	3672	1248	4260
1400	55"	965	3292	1158	3952	1345	4590
1500	59"	-	-	1241	4236	-	-
1600	63"	1103	3763	1324	4517	1537	5245
1800	70"	1240	4233	1490	5083	1729	5901
2000	79"	1378	4702	1655	5647	1922	6557

Heat Outputs are based on a Delta T of 50.

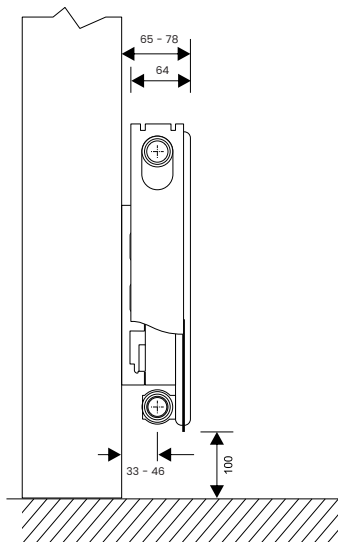
Double Panel Convectors : Size and Output Specifications

Height		300mm		400mm		500mm		600mm		750mm	
inches		12"		16"		20"		24"		30"	
Length		OUTPUT		OUTPUT		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU
400	16"	-	-	-	-	630	2148	726	2478	850	2900
500	20"	528	1800	661	2255	787	2686	908	3098	1062	3624
600	24"	633	2160	793	2706	945	3223	1090	3717	1274	4348
700	28"	738	2520	925	3157	1102	3760	1271	4336	1486	5071
800	32"	844	2880	1057	3608	1259	4297	1453	4957	1699	5798
900	36"	950	3240	1189	4058	1417	4834	1634	5576	1912	6524
1000	39"	1055	3600	1322	4509	1574	5371	1816	6195	2124	7248
1100	43"	-	-	1454	4961	1732	5908	1997	6815	-	-
1200	47"	1266	4320	1586	5411	1890	6449	2179	7435	2549	8698
1300	51"	-	-	-	-	2048	6986	2361	8055	-	-
1400	55"	1477	5039	1850	6314	2204	7519	2542	8674	2974	10148
1500	59"	-	-	-	-	2435	8307	-	-	-	-
1600	63"	1688	5759	2115	7215	2519	8593	2906	9914	3398	11596
1800	70"	1899	6480	2372	8095	2833	9667	3269	11152	3823	13046
2000	79"	2108	7193	2643	9019	3148	10742	3632	12391	4248	14493

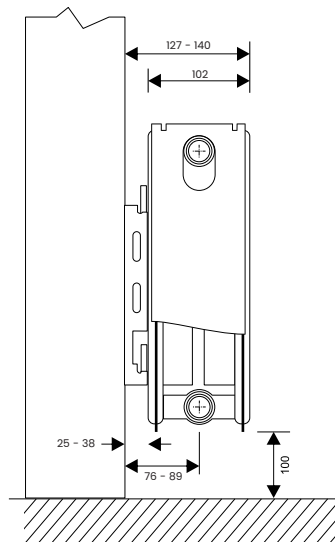
Heat Outputs are based on a Delta T of 50.

Firefly Compact Radiator Technical Specification

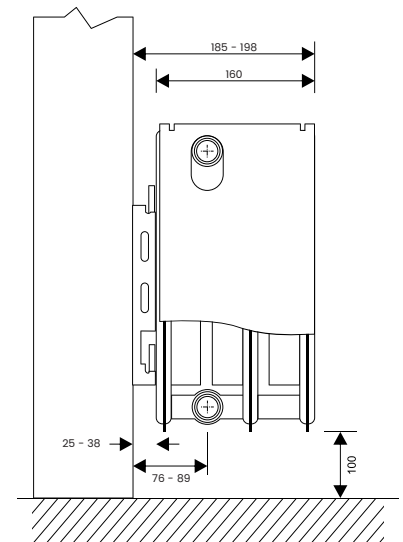
Radiator Dimensions



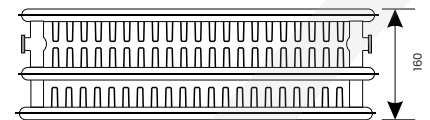
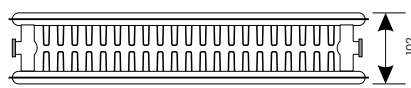
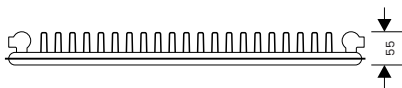
Type 11- Installation



Type 22 - Installation



Type 33 -Installation



Water Content LT/M

Type	Lenght						
	200mm	300mm	400mm	500mm	600mm	750mm	900mm
11	1.67	1.93	2.22	2.51	2.80	3.60	4.13
22	3.03	3.60	4.37	5.13	5.90	6.80	7.90

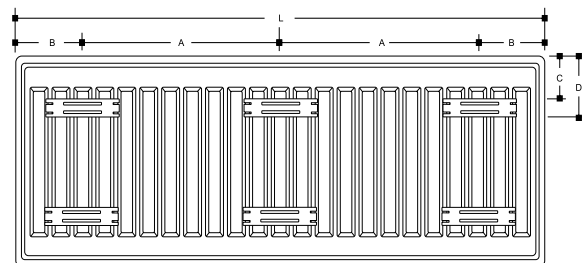
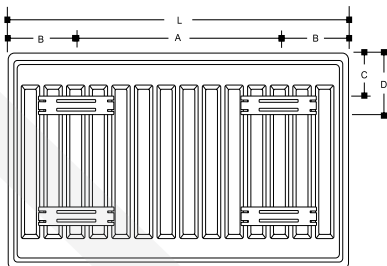
Weight KG/M

Type	Lenght						
	200mm	300mm	400mm	500mm	600mm	750mm	900mm
11	6.6	9.0	12.3	14.9	18.2	22.0	26.0
22	12.1	19.5	22.9	28.0	34.3	41.2	49.6

Bracket Positioning

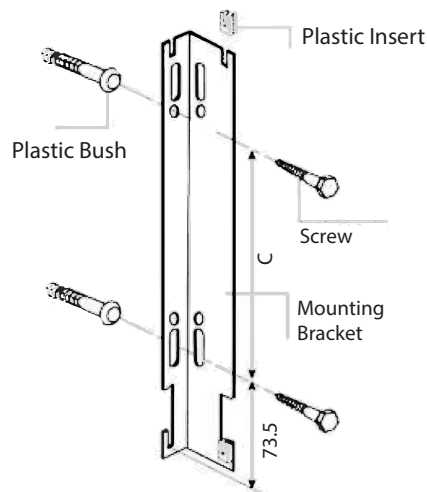
L	A		B		C	D	C	D	Row of brackets	
	Type 11	Type 22	Type 11	Type 22	300 High		400/500/600/900 High		Type 11	Type 22
400	160	200	120	100	950	1250	110	113.5	2	2
500	260	300	120	100	950	1250	110	113.5	2	2
600	360	400	120	100	950	1250	110	113.5	2	2
700	460	500	120	100	950	1250	110	113.5	2	2
800	560	600	120	100	950	1250	110	113.5	2	2
900	660	700	120	100	950	1250	110	113.5	2	2
1000	760	800	120	100	950	1250	110	113.5	2	2
1100	860	900	120	100	950	1250	110	113.5	2	2
1200	960	1000	120	100	950	1250	110	113.5	2	2
1300	1060	1100	120	100	950	1250	110	113.5	2	2
1400	1160	1200	120	100	950	1250	110	113.5	2	2
1500	630/630	1300	120	100	950	1250	110	113.5	3	2
1600	680/680	1400	120	100	950	1250	110	113.5	3	2
1800	780/780	800/800	120	100	950	1250	110	113.5	3	3
2000	880/880	900/900	120	100	950	1250	110	113.5	3	3

All dimensions are in mm



Mounting Bracket Dimensions

Radiator Height	Centres Fixing Dimensions C
300mm	85mm
400mm	45mm
500mm	145mm
600mm	245mm
750mm	395mm
900mm	545mm



General Characteristics of Firefly panel radiators.

Steel and Production

Firefly panel radiators are produced in accordance with the internationally accepted EN 442 & BS EN ISO 9001 standard.

Cold rolled steel conforming to EN 1013 is used in the production. Surface treatment and painting processes take place in accordance with DIN 55900-1 standard.

Steel thickness used in panel radiator product is:

Panel production: 1.20 plus/minus 0.09 mm

Fin production: 0.45 plus/minus 0.05 mm

Top and side covers: 0.75 plus/minus 0.09 mm

The fins are welded on top of 33.33 mm pitched water channels to provide high heat output performance.

Every radiator is pressure tested following production.

Radiator test pressure : maximum 13 bar,

Radiator working pressure: maximum 10 bar.,

Maximum working temperature: 95 degrees.

Surface Treatment and Painting

All radiators are applied with surface treatment before they are painted.

The surface treatment process includes 3 stages

1. Degreasing @ 55-65 degrees C
2. Phosphating @ 55-65 degrees C & pH=-4.8-5.5
3. Three step rinsing process at various conductivity levels





Declaration of Conformity



Thermtek Limited,
Carrigaline Industrial Estate, Carrigaline,
Co. Cork, Ireland

declares that the following product

Firefly Steel Panel Radiators

are in conformity with the provisions of the following
European Standard, including all amendments and with
national legislation pertaining:



This product range carries the CE Mark, which was first affixed in 2013

Place
Cork, IRL

Signature

Jim Barry
Thermtek Limited,
Carrigaline Industrial Estate,
Carrigaline. Co. Cork,
Ireland

Date
19/07/2013

Prime Heat Radiators

IDEAL WITH HEAT PUMPS

Features

- A Modern contemporary design
- B 1mm designer cover fitted
- C Single and double Prime Heat Range
- D Available in 500mm and 600mm high and up to 2000mm in length
- E 1/2" TBOE connections as standard
- F Made and tested in accordance with BS EN 442
- G Durable powder coat RAL 9016 finish
- H 10 Year conditional warranty
- I All radiators tested to 13 bar which exceeds operating pressure of 10 bar
- J All radiators are double wrapped to ensure maximum protection.
- K Low water content for maximum efficiency



LENGTH 400 - 2000 HEIGHT 500,600

Prime Heat Convector Radiators



Prime Heat Outputs based on Delta T 50

Single and Double Panel Convectors : Size and Output Specifications

Height		Single				Double			
		500mm		600mm		500mm		600mm	
inches		20"		24"		20"		24"	
Length		OUTPUT		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU
400	16"	331	1130	384	1311	630	2148	726	2478
500	20"	414	1413	480	1639	787	2686	908	3098
600	24"	496	1694	576	1967	945	3223	1090	3717
700	28"	579	1977	673	2295	1102	3760	1271	4336
800	32"	662	2258	769	2623	1259	4297	1453	4957
900	36"	745	2541	865	2951	1417	4834	1634	5576
1000	39"	828	2823	961	3278	1574	5371	1816	6195
1100	43"	910	3106	1057	3606	1732	5908	1997	6815
1200	47"	993	3389	1153	3934	1890	6449	2179	7435
1400	55"	1158	3952	1345	4590	2204	7519	2542	8674
1600	63"	1324	4517	1537	5245	2519	8593	2906	9914
1800	70"	1490	5083	1729	5901	2833	9667	3269	11152
2000	79"	1655	5647	1922	6557	3148	10742	3632	12391

Heat Outputs are based on a Delta T of 50.

Prime Heat Outputs based on Delta T 62

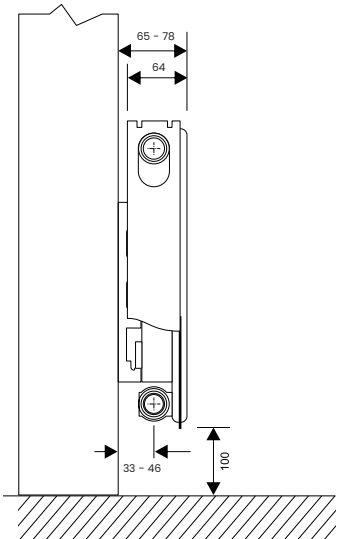
Single and Double Panel Convectors : Size and Output Specifications

		Single				Double			
Height		500mm		600mm		500mm		600mm	
inches		20"		24"		20"		24"	
Length		OUTPUT		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU	Watts	BTU
400	16"	437	1491	507	1731	831	2836	959	3271
500	20"	547	1865	634	2164	1039	3545	1198	4089
600	24"	655	2236	761	2596	1247	4254	1438	4907
700	28"	765	2609	888	3029	1455	4963	1678	5724
800	32"	874	2981	1015	3462	1662	5672	1918	6543
900	36"	983	3354	1142	3895	1870	6381	2157	7360
1000	39"	1092	3727	1268	4327	2078	7090	2397	8178
1100	43"	1202	4100	1395	4760	2286	7799	2637	8996
1200	47"	1311	4473	1522	5193	2495	8513	2876	9814
1400	55"	1529	5217	1776	6059	2909	9925	3356	11450
1600	63"	1748	5963	2029	6923	3324	11343	3835	13086
1800	70"	1966	6709	2283	7789	3740	12761	4314	14721
2000	79"	2185	7454	2537	8655	4156	14180	4794	16356

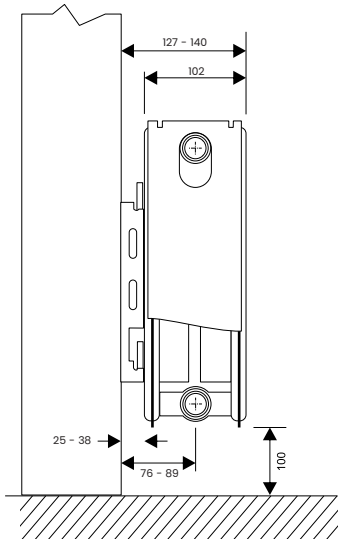
Heat Outputs are based on a Delta T of 62.

Prime Heat Radiator Technical Specification

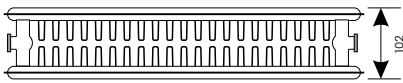
Radiator Dimensions



Type 11- Installation



Type 22 - Installation



Water Content LT/M

Type	Lenght	
	500mm	600mm
11	2.51	2.80
22	5.13	5.90

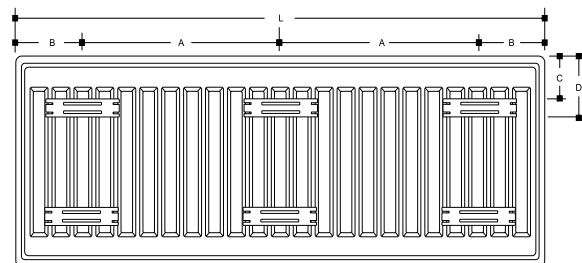
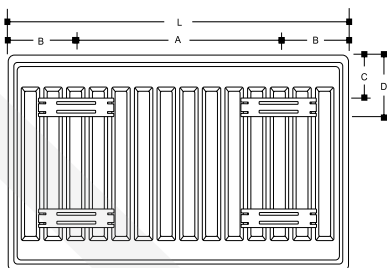
Weight KG/M

Type	Lenght	
	500mm	600mm
11	19.2	22.7
22	32.3	38.8

Bracket Positioning

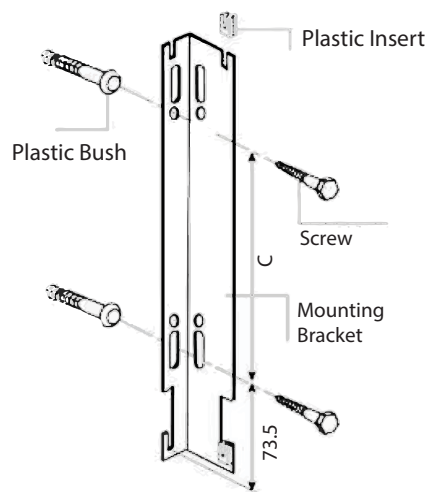
L	A		B		C	D	Row of brackets	
	Type 11	Type 22	Type 11	Type 22	500/600 High		Type 11	Type 22
400	160	200	120	100	110	113.5	2	2
500	260	300	120	100	110	113.5	2	2
600	360	400	120	100	110	113.5	2	2
700	460	500	120	100	110	113.5	2	2
800	560	600	120	100	110	113.5	2	2
900	660	700	120	100	110	113.5	2	2
1000	760	800	120	100	110	113.5	2	2
1100	860	900	120	100	110	113.5	2	2
1200	960	1000	120	100	110	113.5	2	2
1400	1160	1200	120	100	110	113.5	2	2
1600	680/680	1400	120	100	110	113.5	3	2
1800	780/780	800/800	120	100	110	113.5	3	3
2000	880/880	900/900	120	100	110	113.5	3	3

All dimensions are in mm



Mounting Bracket Dimensions

Radiator Height	Centres Fixing Dimensions C
500mm	145mm
600mm	245mm



General Characteristics of Prime-Heat Radiators

Steel and Production

Prime Heat panel radiators are produced in accordance with the internationally accepted EN 442 & BS EN ISO 9001 standard. Cold rolled steel conforming to EN 1013 is used in the production surface treatment and painting processes take place in accordance with DIN 55900-1 standard. Steel thickness used in panel radiator production is:

Panel production : 1.30 plus/minus 0.09 mm
 Fin production : 0.45 plus/minus 0.05 mm
 Top and side covers : 0.75 plus/minus 0.09 mm
 Decorative panel : 0.90 plus/minus 0.09 mm

Radiator test pressure : maximum 13 bar.
 Radiator working pressure : maximum 10 bar.
 Maximum working temperature : 95 degrees.
 Corrosion resistant



TEST
PRESSURE
13BAR



WORKING
PRESSURE
10BAR



WARRANTY
10 YEARS



CONNECTION
4 x 1/2"



MAX WATER
TEMPERATURE
90 C



COLOUR
RAL 9016

Surface Treatment and Painting

All radiators are applied with surface treatment before they are painted.
 The surface treatment process includes 3 stages

1. Degreasing @ 55-65 degrees C
2. Phosphating @ 55-65 degrees C & pH=-4.8-5.5
3. Three step rinsing process at various conductivity levels





Declaration of Conformity



Thermtek Limited,
Carrigaline Industrial Estate, Carrigaline,
Co. Cork, Ireland

Declares that the following product

PRIME-HEAT RADIATORS

Are in conformity with the provisions of the following
European Standard, including all amendments and with
national legislation pertaining:



This product range carries the CE Mark, which was first affixed in 2018

Place
Cork, IRL

Signature

Jim Barry
Thermtek Limited,
Carrigaline Industrial Estate,
Carrigaline. Co. Cork,
Ireland

Date
07/10/2018

Firefly Vertical Radiators

IDEAL WITH HEAT PUMPS

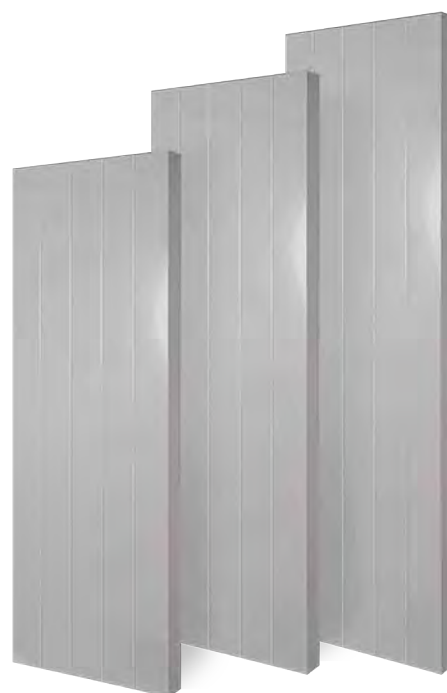
Features

- A Modern contemporary vertical design
- B Factory fitted designer cover
- C Single body slim line vertical design
- D Available in 500mm and 600mm lengths and up to 2000mm in height
- E 1/2" TBOE connections as standard
- F Made and tested in accordance with BS EN 442
- G Durable powder coat RAL 9016 finish
- H 10 Year conditional warranty
- I All radiators tested to 13 bar which exceeds operating pressure of 10 bar
- J All radiators are double wrapped to ensure maximum protection
- K Low water content for maximum efficiency



LENGTH 500, 600 HEIGHT 1600-2000

Firefly Vertical Panel Radiators



Firefly Heat Outputs based on Delta T 62

Vertical Panel Radiators: Size and Output Specifications

Height		500mm		600mm	
inches		20"		24"	
Length		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU
1600	63"	1861	6351	2147	7326
1800	70"	2094	7146	2416	8242
2000	79"	2327	7941	2684	9158

Heat Outputs are based on a Delta T of 62.

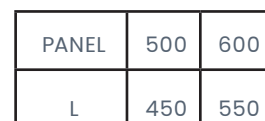
Firefly Heat Outputs based on Delta T 50

Vertical Panel Radiators: Size and Output Specifications

Height		500mm		600mm	
inches		20"		24"	
Length		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU
1600	63"	1410	4811	1627	5551
1800	70"	1586	5414	1830	6244
2000	79"	1763	6016	2033	6938

Heat Outputs are based on a Delta T of 50.

Radiator Dimensions



General Characteristics of Vertical Panel Radiators.

Steel and Production

Firefly vertical panel radiators are produced in accordance with the internationally accepted EN 442 & BS EN ISO 9001 standard. Cold rolled steel conforming to EN 1013 is used in the production surface treatment and painting processes take place in accordance with DIN 55900-1 standard. Steel thickness used in panel radiator production is:

Panel production : 1.30 plus/minus 0.09 mm
 mmFin production : 0.45 plus/minus 0.05 mm
 Top and side covers : 0.75 plus/minus 0.09 mm
 Decorative panel : 0.90 plus/minus 0.09 mm

Radiator test pressure : maximum 13 bar.
 Radiator working pressure : maximum 10 bar.
 Maximum working temperature : 95 degrees.
 Corrosion resistant

		
TEST PRESSURE 13BAR	WORKING PRESSURE 10BAR	WARRANTY 10 YEARS
		
CONNECTION 4 x 1/2"	MAX WATER TEMPERATURE 90 C	COLOUR RAL 9016

Surface Treatment and Painting

All radiators are applied with surface treatment before they are painted.
 The surface treatment process includes 3 stages

1. Degreasing @ SS-65 degrees C
2. Phosphating@ SS-65 degrees C & pH=-4.8-5.5
3. Three step rinsing process at various conductivity levels





Declaration of Conformity



Thermtek Limited,
Carrigaline Industrial Estate, Carrigaline,
Co. Cork, Ireland

declares that the following product

Firefly Vertical Radiators

are in conformity with the provisions of the following
European Standard, including all amendments and with
national legislation pertaining:



This product range carries the CE Mark, which was first affixed in 2013

Place
Cork, IRL

Signature

Jim Barry
Thermtek Limited,
Carrigaline Industrial Estate,
Carrigaline. Co. Cork,
Ireland

Date
19/07/2013

Firefly Towel Warmers

IDEAL WITH HEAT PUMPS

Features

- A Modern compact flat or curved design
- B Available from 400mm wide and up to 1750 mm high.
- C 1/2" Top and bottom opposite end connections are standard.
- D Made and tested in accordance with BS EN 442
- E Durable chrome finish
- F 10 Year conditional warranty
- G All radiators tested to 13 bar which exceeds operating pressure of 10 bar
- H All radiators are double wrapped to ensure maximum protection.
- I Low water content for maximum efficiency



LENGTH 400, 500, 600 HEIGHT 800, 1000, 1150, 1750

Firefly Heated Towel Warmers



Firefly Heat Outputs based on Delta T 50

Heated Towel Warmers: Size and Output Specifications | Curved

Height		500mm		600mm	
inches		20"		24"	
Length		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU
800	32"	248	848	293	998
1000	39"	310	1059	366	1248
1150	45"	381	1301	448	1527
1750	69"	574	1959	673	2298

Heat Outputs are based on a Delta T of 50.

Heated Towel Warmers: Size and Output Specifications | Flat

Height		400mm		500mm		600mm	
inches		16"		20"		24"	
Length		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU
800	32"	199	678	248*	848*	293*	998*
1000	39"	-	-	310	1059	366	1248
1150	45"	305	1041	381*	1301*	448*	1527*
1750	69"	-	-	574	1959	673	2298

Heat Outputs are based on a Delta T of 50.

* Also available in Black

Firefly Heat Outputs based on Delta T 62

Heated Towel Warmers: Size and Output Specifications | Curved

Height		500mm		600mm	
inches		20"		24"	
Length		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU
800	32"	328	1119	386	1318
1000	39"	410	1397	483	1648
1150	45"	503	1718	591	2015
1750	69"	758	2586	889	3033

Heat Outputs are based on a Delta T of 62.

Heated Towel Warmers: Size and Output Specifications | Flat

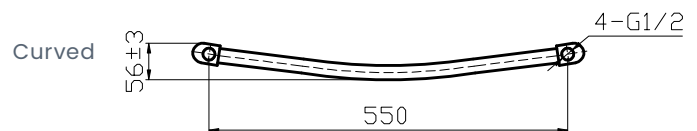
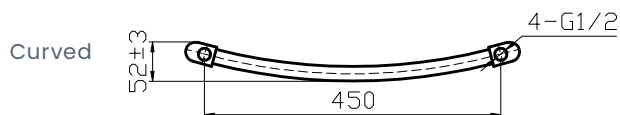
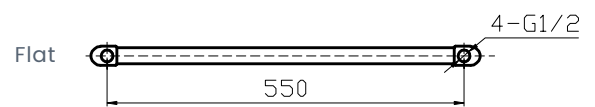
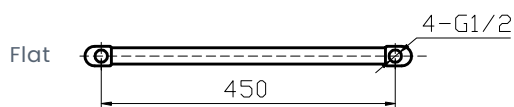
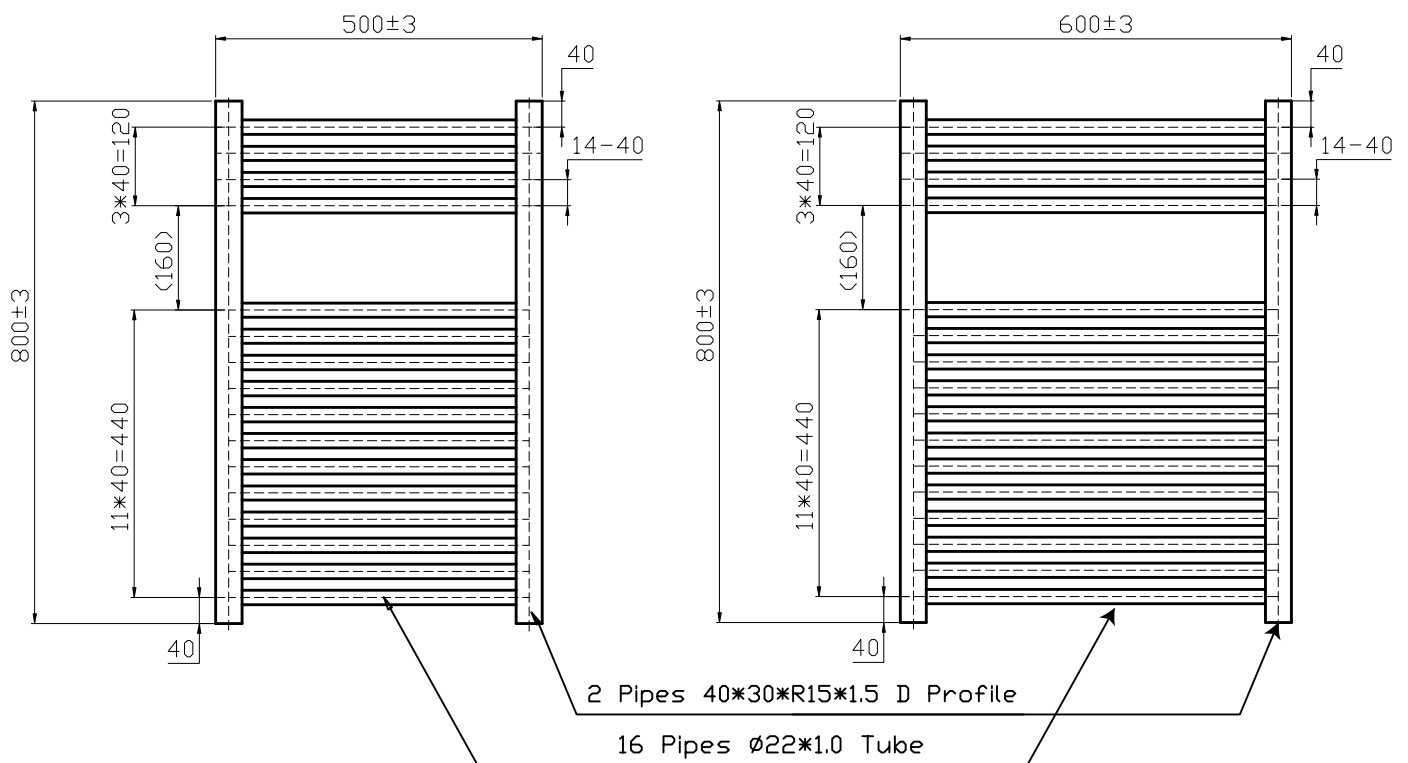
Height		400mm		500mm		600mm	
inches		16"		20"		24"	
Length		OUTPUT		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU	Watts	BTU
800	32"	263	896	328*	1119*	386*	1318*
1000	39"	-	-	410	1397	483	1648
1150	45"	403	1374	503*	1718*	591*	2015*
1750	69"	-	-	758	2586	889	3033

Heat Outputs are based on a Delta T of 62.

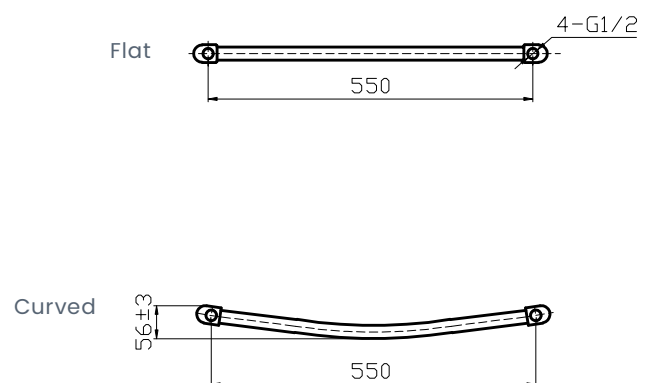
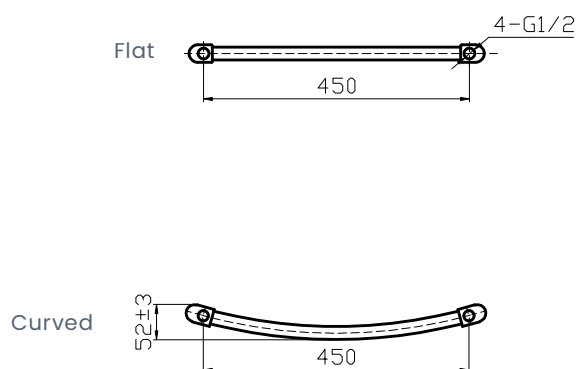
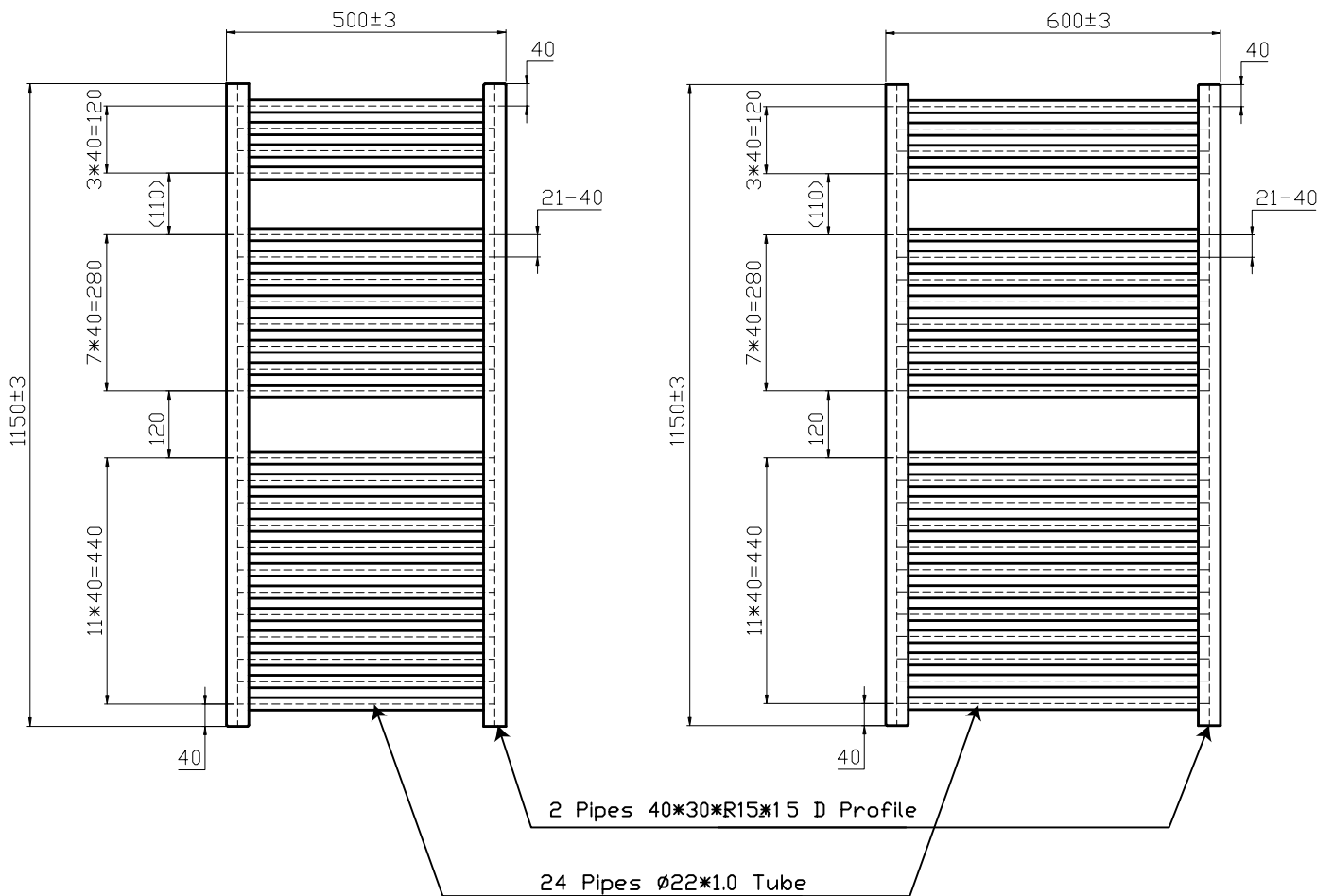
* Also available in Black

Firefly Heated Towel Rails Technical Specification

Radiator Dimensions | 500x800 and 600x800 with Flat and Curved option

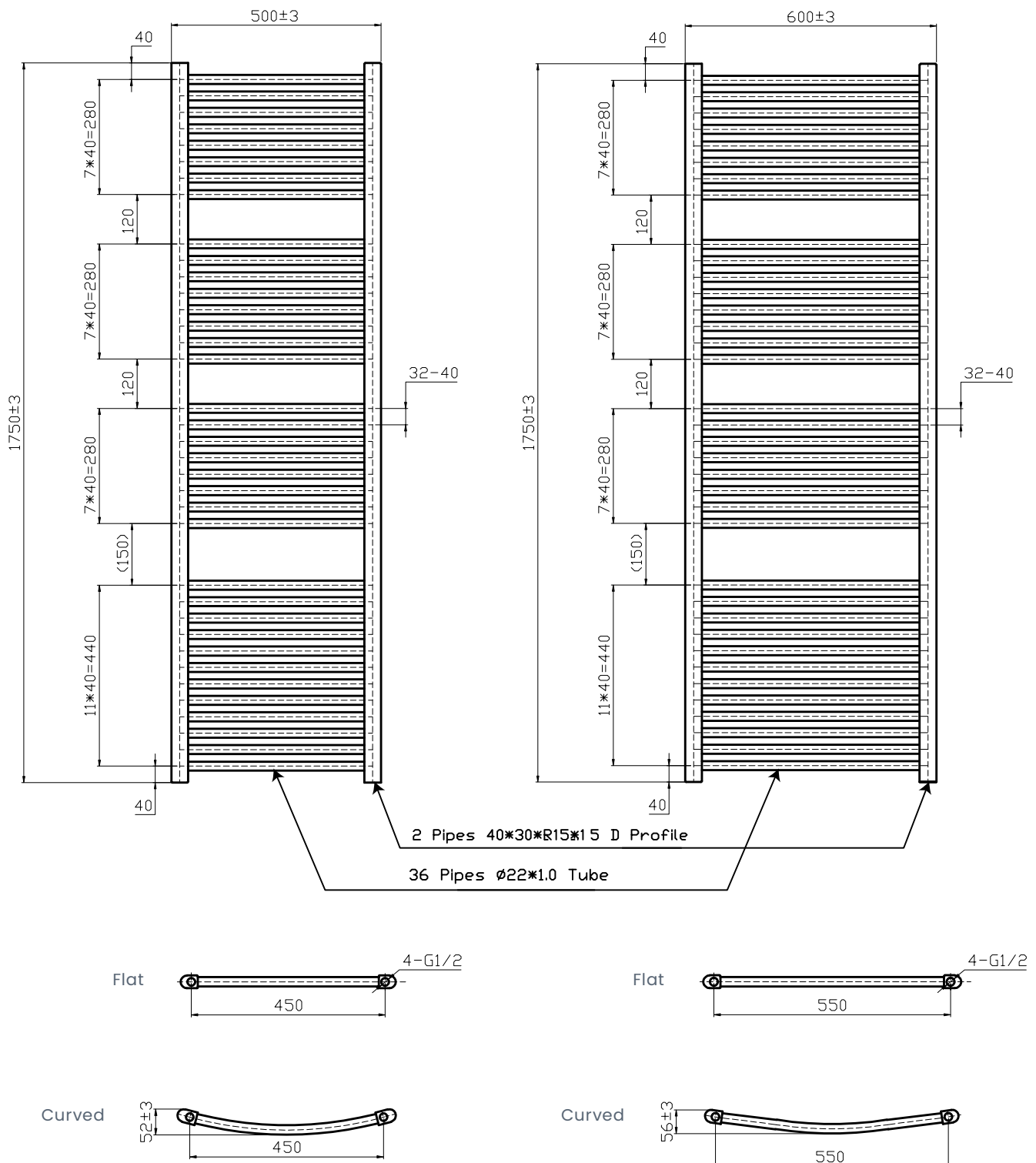


Radiator Dimensions | 500x1150 and 600x1150 with Flat and Curved option



Firefly Heated Towel Rails Technical Specification

Radiator Dimensions | 500x1750 and 600x1750 with Flat and Curved option



General Characteristics of Firefly Heated Towel Warmers

Steel and Production

Firefly heated towel rails are produced under the internationally accepted EN 442 & BS EN ISO 9001.

Every heated towel rail is pressure tested following production.

Tube Size: 22mm

EN 442

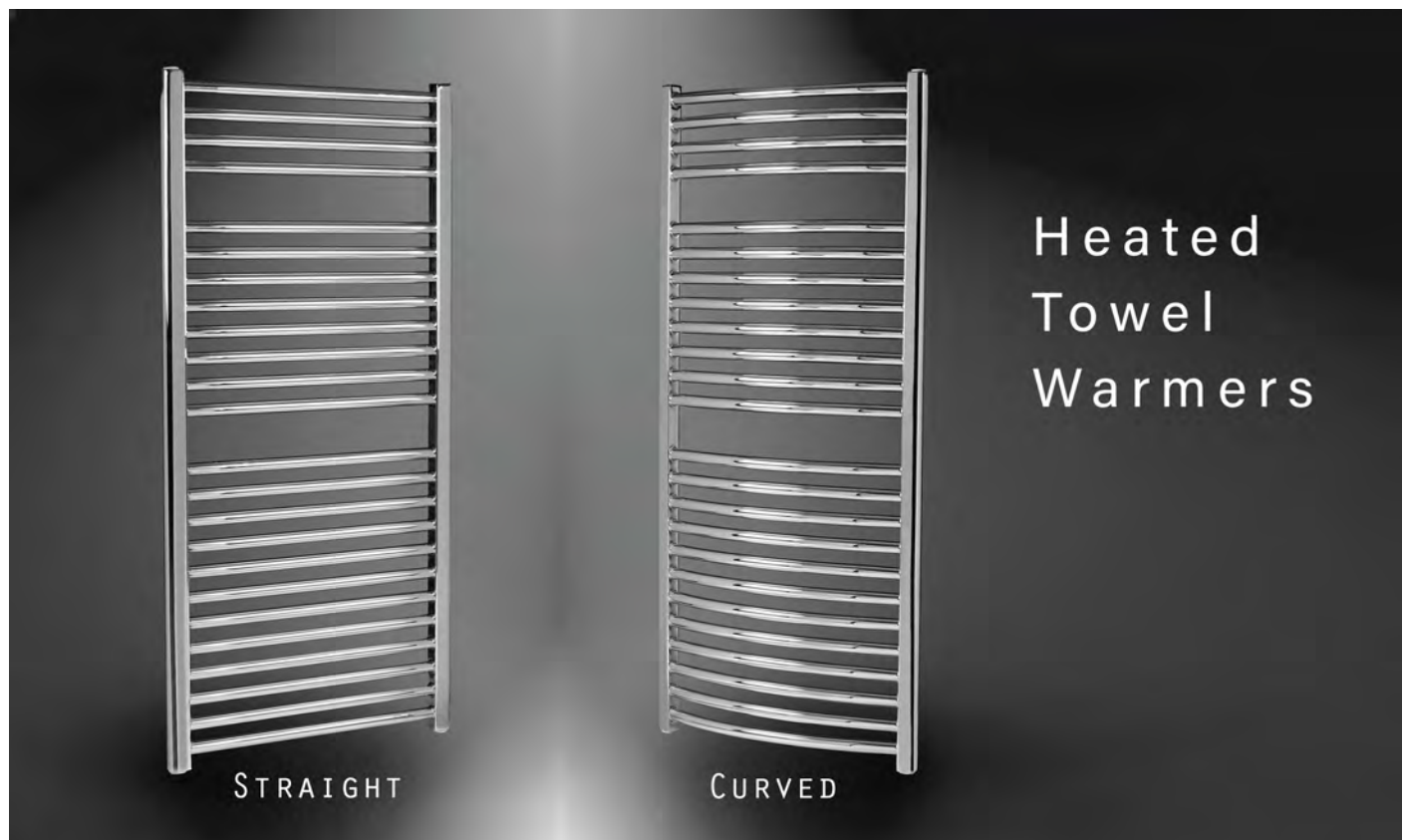
CE Approved

Radiator test pressure: maximum 13 bar,
Radiator working pressure: maximum 10 bar.,
Maximum working temperature: 80 degrees.

Material: Mild steel

Finish: Polished chrome

Connections: 1/2" TBOE





Declaration of Conformity



Thermtek Limited,
Carrigaline Industrial Estate, Carrigaline,
Co. Cork, Ireland

declares that the following product

Firefly Heated Towel Warmers

are in conformity with the provisions of the following
European Standard, including all amendments and with
national legislation pertaining:



This product range carries the CE Mark, which was first affixed in 2013

Place
Cork, IRL

Signature

Jim Barry
Thermtek Limited,
Carrigaline Industrial Estate,
Carrigaline. Co. Cork,
Ireland

Date
19/07/2013

Conversion factors

Delta T	Factor	Delta T	Factor	Delta T	Factor
10	0.116	29	0.491	48	0.948
11	0.134	30	0.513	49	0.974
12	0.152	31	0.535	50	1.000
13	0.170	32	0.558	51	1.026
14	0.188	33	0.581	52	1.052
15	0.207	34	0.604	53	1.079
16	0.226	35	0.627	54	1.105
17	0.245	36	0.651	55	1.132
18	0.264	37	0.675	56	1.159
19	0.283	38	0.699	57	1.186
20	0.302	39	0.723	58	1.213
21	0.322	40	0.747	59	1.241
22	0.342	41	0.771	60	1.268
23	0.363	42	0.796	61	1.296
24	0.383	43	0.821	62	1.324
25	0.404	44	0.846	63	1.352
26	0.426	45	0.871	64	1.380
27	0.447	46	0.897	65	1.408
28	0.469	47	0.922		

For systems not operating at Delta T 50 the conversion factors in the table above may be applied to ascertain the output of a particular radiator. To convert from Delta T50, multiply the Delta T 50 output value by the appropriate factor as per the table.

To convert an output value from another known Delta T to Delta T 50, divide the value by the appropriate factor of the known Delta T value.

Frequently Asked Questions



Do the products carry a Certificate of Conformity?

Yes, our products are covered by all International and building standards, and each carries a Certificate of Conformity.



What is a Delta T Heat Output?

The Delta T is the difference between a target room temperature and the radiator's average water temperature.



What is the Warranty period of the product?

Radiators carry a 10-year no quibble guarantee. This is conditional that standard installation procedures are adhered to including the use of a propriety brand of corrosion inhibitor and that on completion of any installation the system is flushed clean as per International standards. The warranty is voided if a product is not installed by an accredited plumbing professional.



What is the difference between a direct and indirect system?

A direct system is one where the tap water actually mixes with the water in the radiators. An indirect system separates the tap water from the water in the heating system. Firefly and Prime-Heat products must only be fitted to an indirect system.



Are the radiators manufactured to European standards?

Our radiators are manufactured to meet all International standards, including EN442 and carry CE certification.



Can the radiator heat outputs be measured in different Delta T calculations?

Yes, we provide Heat Outputs in all Delta T settings. Conversion factors are available in our Delta T50 Tab for each product line.



How are the radiators finished?

Our radiators use a multi-level painting process, 3-stage pre-treatment 100% internal and external surface undercoating with advanced quality wet paint followed by epoxy polyester paint RAL 9016.



Can Firefly & Prime-Heat radiators be used in conjunction with Heat-Pumps?

Our products are fully compatible with all heating sources, including heat pumps. They are, in fact, the product of choice with heat pump installers.



What is included with the radiators?

Everything required for installation can be found within each radiator packaging, including hanging brackets and wall screws, Plastic inserts and a vent and plug.



Are the products safely packaged?

Our products have a safe system against any impact during storage, transport and assembly.

Logistic Support

Orders are processed daily on receipt.

ThermTek operates a company-owned truck transport service that ensures speedy and safe deliveries to our customers nationwide.

We also contract private logistics companies to complement our in-house offering so that we can provide a guaranteed service from a pallet to a full container in a timely fashion.

Expedient Delivery Service



Supports & Services

Our dedicated staff are on hand to help with all customer needs.



Outstanding support

Our dedicated and knowledgeable customer support team is on hand to provide expert support before, during and after-sales, to ensure that your queries are addressed in a timely fashion.

Ethos

We are driven by customer service and customer satisfaction.

Our dedicated focus on the customer is and always will be the foundation of the company.

We strive to be succesful by providing our customers with exceptional services, quality products and unparalleled customer support.



**THERMTEK PRODUCTS
ARE MANUFACTURED TO
THE HIGHEST SPECIFICATION.**

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