

Prime Heat Outputs based on Delta T 50

Prime-Heat Panel Convectors: Size and Output Specifications

Height		500mm		600mm	
inches		20"		24"	
Length		OUTPUT		OUTPUT	
mm	inches	Watts	BTU	Watts	BTU
400	16"	482	1645	556	1897
500	20"	603	2056	695	2371
600	24"	722	2464	833	2842
700	28"	843	2875	972	3316
800	32"	963	3287	1111	3791
900	36"	1084	3698	1250	4265
1000	39"	1204	4109	1389	4739
1100	43"	1325	4520	1528	5214
1200	47"	1445	4931	1667	5688
1300	51"	-	-	1806	6162
1400	55"	1686	5754	1945	6636
1500	59"	-	-	-	-
1600	63"	1926	6573	2222	7581
1800	70"	2168	7396	2500	8530
2000	79"	2409	8218	2778	9479

Heat Outputs are based on a Delta T of 50.

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 know Delta T to Delta T 50, divide the value by the appropriate factor of the known Delta T value.