

Merriott

Fascia & Fascia Grace



What does Merriott stand for?

Our bespoke heating and cooling solutions are the better choice for commercial applications across the UK and Ireland.

Merriott offers a diverse and versatile range of designer heating solutions.

Whether they are building consultants, architects or designers, our customers can tailor our bespoke range of products to satisfy their specification requirements.

We have invested in world-class production facilities and manufacture products of the very highest standard - backed by revolutionary technology, rigorous testing and stringent quality control.

As a company, we have an unwavering commitment to innovation and sustainability, pioneering products that lead the way in design, performance and energy efficiency.

Underpinning all of this is our relationship with our customers: ensuring they can rely on best-in-class service and support, from specification right through to delivery.

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Range Overview

Fascia & Fascia Grace

The Merriott Fascia radiator range comprises of single, double and triple panel flat-fronted radiators with grilles and side panels, in vertical and horizontal options. The horizontal ranges are available in heights from 300mm - 600mm and lengths from 400mm - 3000mm. The vertical ranges are available in 2 heights 1800mm and 1950mm and lengths from 300mm - 750mm.

OUTPUTS

All Merriott Fascia radiators are manufactured and tested in accordance with EN442.

FINISH

Every Merriott Fascia radiator undergoes an intensive pre-treatment process to protect against rust. In pre-treatment, the radiators are degreased, coated with iron phosphate and rinsed prior to painting. A cathodic electrodeposition primer coating is then applied to give total coverage of the bare steel and maximum corrosion protection. The durable topcoat (epoxy polyester powder) is electrostatically applied and stove enamel baked at 180 °C. The process is monitored to ensure continuous achievement of optimum adhesion, opacity and gloss levels.

PACKAGING

The entire surface of the radiator, including all 4 corners, is protected by cardboard box ends and packed in shrink wrapped polythene.

CONNECTIONS

Horizontal Fascia & Fascia Grace radiator connections are 4 x 1/2" BSP ABCD. All tapping-to-tapping dimensions can be obtained by subtracting 5mm from the nominal radiator length (accuracy = +/- 2mm). Vertical Fascia & Fascia Grace radiator connections are 4 x 1/2" BSP EFGH.

TESTING

All Fascia and Fascia Grace radiators are tested to 13 Bar with a maximum working pressure of 10 Bar.

BRACKETS

As standard, Merriott supply Fascia radiators with strip brackets (as shown on pages 08-09).

BRACKET LUGS

Two pairs of lugs are fitted on radiators up to and including 1600mm long. A third pair of lugs is fitted centrally on radiators that are 1800mm long and over.

WARRANTY

Merriott radiators are guaranteed for a period of 10 years from date of purchase in respect of defective materials and workmanship. The system should be designed in accordance with British Standard Code of Practice for Water Based Heating Systems in Buildings **BS EN 12828:2012+A1:2014** and **BS EN 12831: 2003**. The installation and commissioning of the system should comply with **BS EN 14336:2004**. On completion of the installation, the system should be properly flushed and filled in accordance with the British Code of Practice for the Treatment of Water in Domestic Hot Water Central Heating Systems **BS 7593:2006**, Part L of Building Regulations and Good Practice Guidance for Scotland. Merriott strongly recommends the use of corrosion inhibitor for all applications. Failure to observe these standards may invalidate the manufacturer's warranty.

Range Options

Fascia & Fascia Grace models

FASCIA



FASCIA GRACE



Heat Outputs

Fascia models

HORIZONTAL

TYPE 11

TYPE 21

TYPE 22

TYPE 33

Nominal Height	Length (mm)	Single Panel Single Fin		Double Panel Single Fin			Double Panel Double Fin			Triple Panel Triple Fin			
		'n'	Output (Watts)	'n'	Output (Watts)		'n'	Output (Watts)		'n'	Output (Watts)		
			ΔT50		ΔT30	ΔT50		ΔT30	ΔT50		ΔT30	ΔT50	ΔT30
300mm	600	1.23	317	165	-	-	-	1.3	562	289	1.31	788	402
	1000		529	275		-	-		937	482		1314	671
	1400		741	385		-	-		1312	675		1840	940
	2000		1058	550		-	-		1874	965		2628	1342
400mm	400	1.28	272	141	-	-	-	1.3	479	245	1.32	666	339
	600		408	212		-	-		719	368		1000	508
	800		544	283		-	-		958	491		1333	678
	1000		680	353		-	-		1198	614		1666	847
	1200		816	424		-	-		1438	737		1999	1016
	1400		952	494		-	-		1677	859		2332	1185
	1600		1088	565		-	-		1917	982		2666	1355
	1800		1224	636		-	-		2156	1104		2999	1524
500mm	2000	1.28	1360	706	-	-	-	1.3	2396	1227	1.33	3332	1694
	400		329	171		445	230		578	295		798	404
	600		494	257		668	345		866	441		1198	606
	800		658	342		890	460		1155	589		1597	808
	1000		823	427		1113	576		1444	736		1996	1010
	1200		988	513		1336	691		1733	883		2395	1212
	1400		1152	598		1558	806		2022	1030		2794	1414
	1600		1317	684		1781	921		2310	1177		3194	1616
600mm	1800	1.28	1481	769	1.29	2003	1036	1.32	2599	1324	1.34	3593	1818
	2000		1646	855		2226	1151		2888	1472		3992	2020
	400		384	199		515	266		670	340		923	465
	600		577	300		773	399		1006	510		1384	697
	800		769	399		1030	531		1341	680		1846	930
	1000		961	499		1288	664		1676	850		2307	1162
	1200		1153	599		1546	797		2011	1020		2768	1395
	1400		1345	698		1803	930		2346	1190		3230	1628
	1600		1538	799		2061	1063		2682	1360		3691	1860
	1800		1730	898		2318	1195		3017	1530		4153	2093
	2000		1922	998		2576	1328		3352	1700		4614	2325
	2300		2210	1147		2962	1527		3855	1955		5306	2674
	2600		2499	1297		3349	1727		4358	2210		5998	3022
	3000		2883	1497		3864	1992		5028	2550		6921	3487

VERTICAL

TYPE 21

TYPE 22

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.
For outputs at other ΔT 's please see calculation example on page 14.

Heat Outputs

Fascia Grace models

HORIZONTAL

TYPE 11

TYPE 21

TYPE 22



Nominal Height	Length (mm)	Single Panel Single Fin			Double Panel Single Fin			Double Panel Double Fin		
		'n'	Output (Watts)		'n'	Output (Watts)		'n'	Output (Watts)	
			ΔT50	ΔT30		ΔT50	ΔT30		ΔT50	ΔT30
300mm	600	1.28	317	165	-	-	-	1.3	562	289
	1000		529	275		-	-		937	482
	1400		741	385		-	-		1312	675
	2000		1058	550		-	-		1874	965
400mm	400	1.28	272	141	-	-	-	1.3	479	245
	600		408	212		-	-		719	368
	800		544	283		-	-		958	491
	1000		680	353		-	-		1198	614
	1200		816	424		-	-		1438	737
	1400		952	494		-	-		1677	859
	1600		1088	565		-	-		1917	982
	1800		1224	636		-	-		2156	1104
	2000		1360	706		-	-		2396	1227
500mm	400	1.28	329	171	-	-	-	1.31	578	295
	600		494	257		-	-		866	441
	800		658	342		-	-		1155	589
	1000		823	427		-	-		1444	736
	1200		988	513		-	-		1733	883
	1400		1152	598		-	-		2022	1030
	1600		1317	684		-	-		2310	1177
	1800		1481	769		-	-		2599	1324
600mm	2000	1646	855	-	-	2888	1472			
	400	1.28	384	199	1.29	515	266	1.32	670	340
	600		577	300		773	399		1006	510
	800		769	399		1030	531		1341	680
	1000		961	499		1288	664		1676	850
	1200		1153	599		1546	797		2011	1020
	1400		1345	698		1803	930		2346	1190
	1600		1538	799		2061	1063		2682	1360
	1800		1730	898		2318	1195		3017	1530
	2000		1922	998		2576	1328		3352	1700
	2300		2210	1147		-	-		3855	1955
	2600		2499	1297		-	-		4358	2210
	3000		2883	1497		-	-		5028	2550

VERTICAL

TYPE 21

TYPE 22



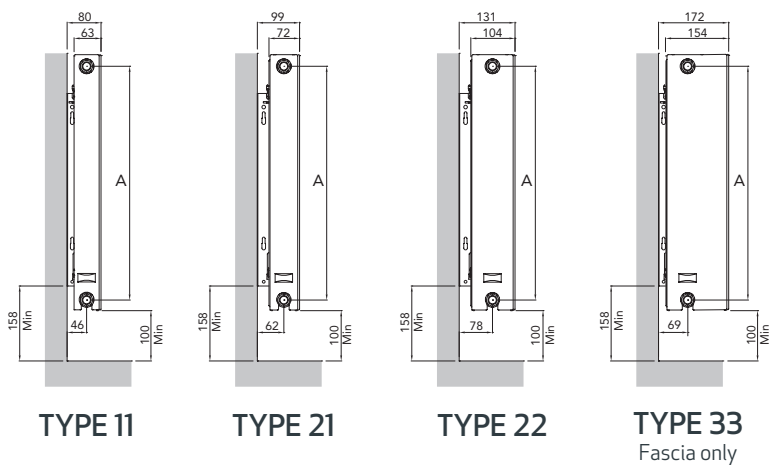
Nominal Height	Length (mm)	Double Panel Single Fin			Double Panel Double Fin		
		'n'	Output (Watts)		'n'	Output (Watts)	
			ΔT50	ΔT30		ΔT50	ΔT30
1800mm	300	1.32	886	452	1.34	1046	532
	450		1329	677		1569	798
	600		1772	903		2092	1064
	750		2215	1129		2615	1330
1950mm	300	1.32	936	472	1.43	1103	533
	450		1405	709		1654	799
	600		1873	945		2205	1065
	750		2341	1182		2756	1331

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.
For outputs at other ΔT's please see calculation example on page 14.

Mounting Details

Fascia & Fascia Grace Horizontal models

MOUNTING POSITIONS AND DIMENSIONS



Nominal Height (mm)	A (mm)
300	250
400	350
500	450
600	550

TOP VIEW

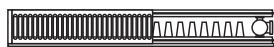
TYPE 11



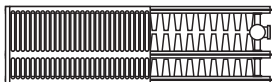
TYPE 22



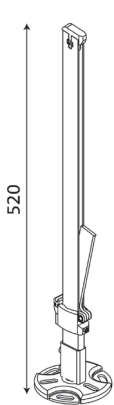
TYPE 21



TYPE 33 Fascia only



FLOOR BRACKET



Height 300 - 600mm	
Radiator length (mm)	Quantity of floor brackets
400 - 1800	2
2000-2400	3

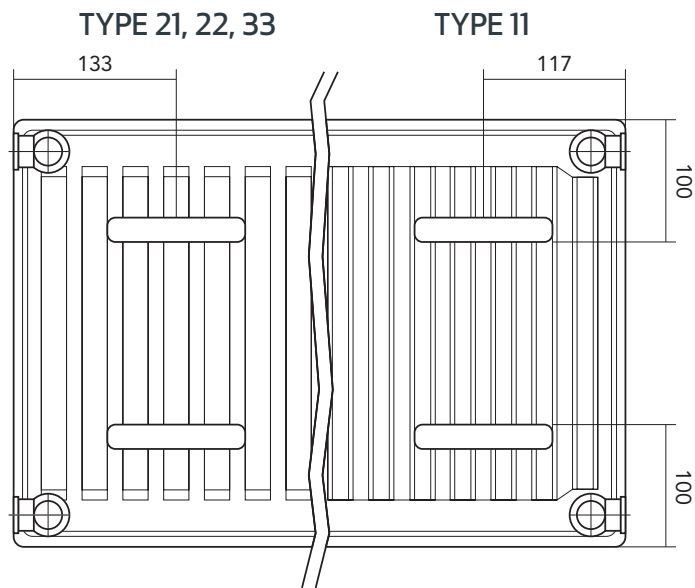
Radiator to wall distance:
Any
Maximum load of a single bracket:
Vertically - 180kg
Pulling - 35kg
Order Code: MERRPANELFOOT
(single piece)

NOTE:
All measurements are nominal

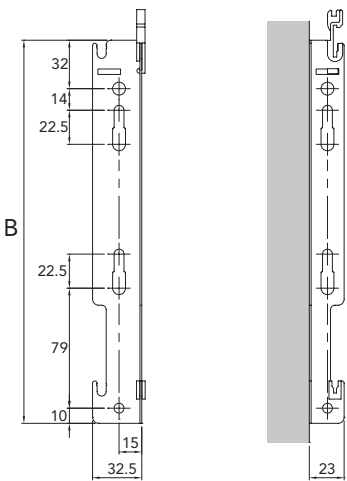
Mounting Details

Fascia & Fascia Grace Horizontal models

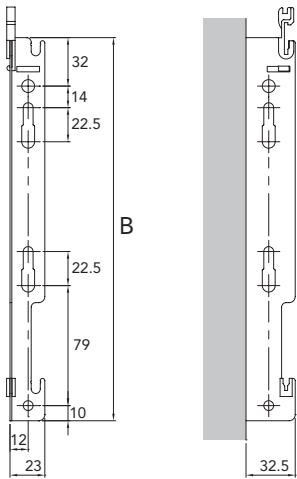
BRACKET POSITIONS AND DIMENSIONS



BRACKET FOR TYPES:
11 AND 33



BRACKET FOR TYPES:
21 AND 22



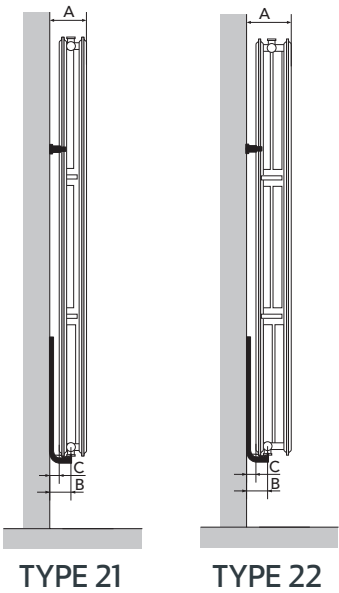
Nominal Height (mm)	B (mm)
300	153
400	253
500	353
600	453

NOTE:
All measurements are nominal

Mounting Details

Fascia & Fascia Grace Vertical models

MOUNTING POSITIONS AND DIMENSIONS



	Type	
	21	22
A (mm)	111	136
B (mm)	67	67
C (mm)	27	27

TOP VIEW

TYPE 21



Length (mm)	D (mm)	E (mm)
300	244	320
450	394	470
600	544	620
750	694	770

TYPE 22

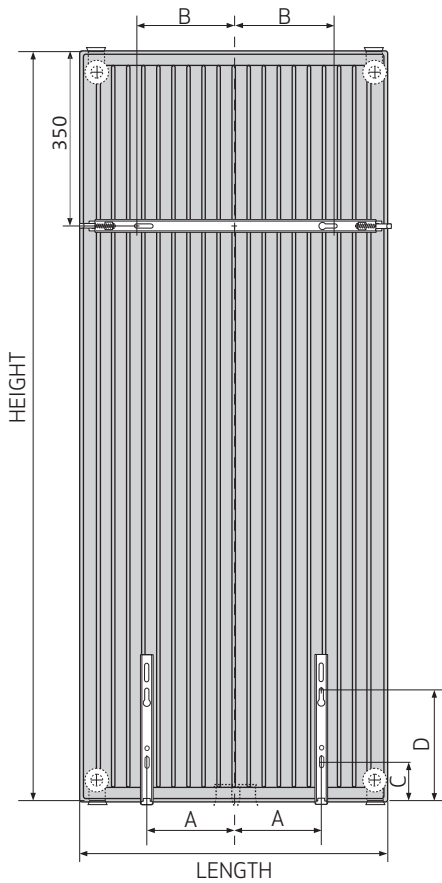


NOTE:
All measurements are nominal

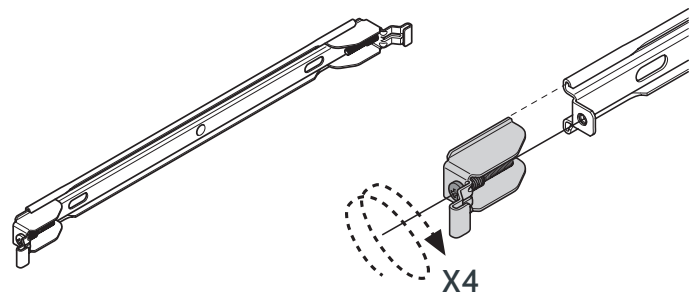
Mounting Details

Fascia & Fascia Grace Vertical models

BRACKET POSITIONS AND DIMENSIONS



TOP BRACKET TYPES 21 AND 22



BOTTOM BRACKET TYPES 21 AND 22



Length (mm)	A (mm)	B (mm)
300	60	75
450	135	125
600	210	200
750	285	250

Height (mm)	C (mm)	D (mm)
1800	68	198
1950	68	198

NOTE:
All measurements are nominal

Weights & Water Content

FASCIA & FASCIA GRACE HORIZONTAL MODELS

Weights & Water Contents per Metre Length								
Type	Nominal Height (mm)							
	300		400		500		600	
	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
11	11.70	1.50	16.10	2.20	20.50	2.90	24.80	3.40
21	-	-	-	-	23.70*	5.20*	33.70	6.10
22	19.10	3.20	25.10	4.20	31.50	5.20	38.00	6.10
33*	26.90	5.10	36.70	6.30	42.20	7.50	56.40	8.80

*Fascia only

FASCIA & FASCIA GRACE VERTICAL MODELS

Weights & Water Contents per Metre Length				
Type	Nominal Height (mm)			
	1800		1950	
	Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
21	100.27	21.47	109.33	24.13
22	111.60	21.73	123.73	23.47

Resistance Diagram

HOW TO CALCULATE THE RESISTANCE OF A FASCIA GRACE RADIATOR AT ΔT 50 °C

Radiator type:
Type 22 (Fascia Grace)
Length - 1000mm
Height - 600mm
Output @ ΔT50 °C = 1676W (flow/return – 75/65 °C)

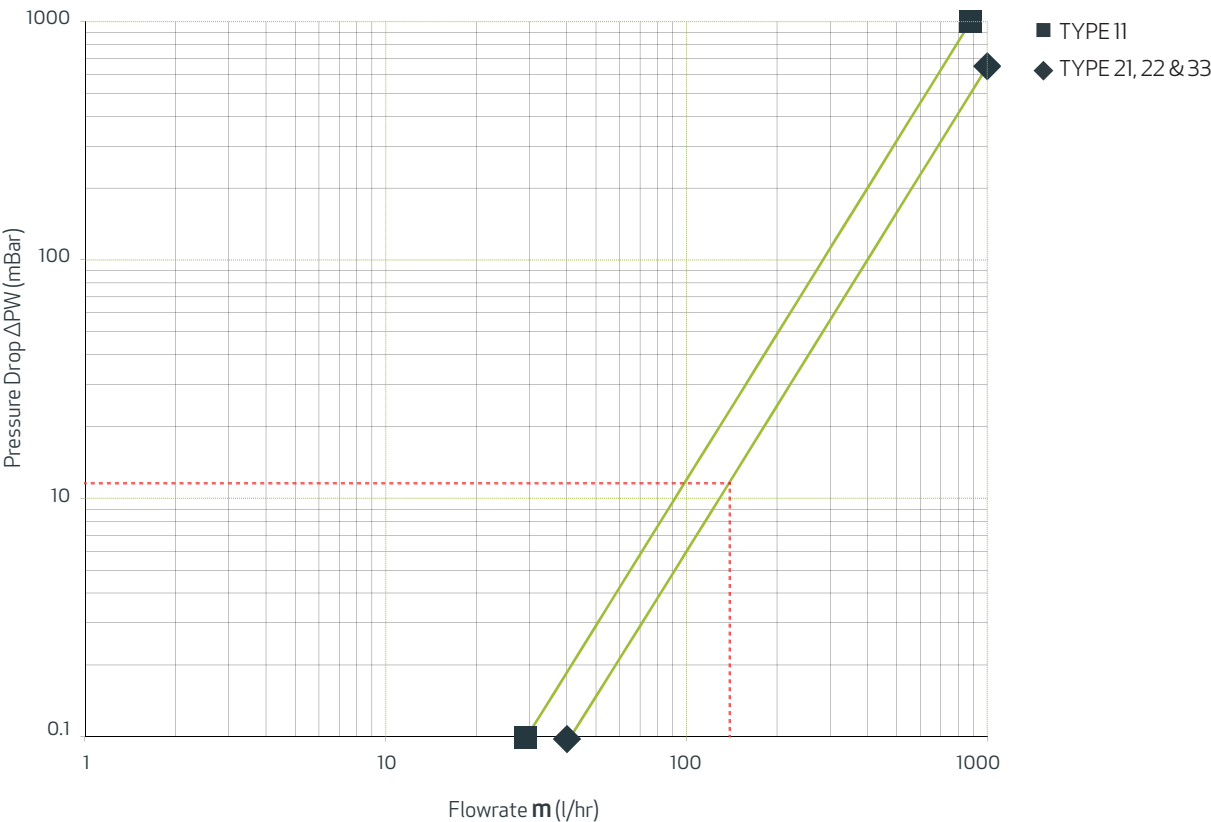
If the output is not at ΔT50 °C, please use the correction factor table on the previous page to get the correct output.

CALCULATE THE FLOW RATE AS FOLLOWS:

- m** = Flow Rate
- Q** = Heat Output
- c** = Specific heat capacity of water (4187 J / KgK)
- ΔT** = Temp. drop across radiator (10K)
- Flow rate (m)** = $Q / (c \times \Delta T)$ in l/sec

Therefore
m = 1676 / (4187 x 10)
m = 0.040 (l/s)
x3600 (to convert from l/sec to l/h)
m = 144 l/h

Please refer to the resistance diagram which gives a value of 11.5m Bar for Type 22.



Correction Factors

How to calculate a corrected output

- 1. Calculate the Delta T including air temperature - example:
Mean Water Temperature (MWT) = (° C Flow + ° C Return) / 2 = (65 + 55) / 2 = 60 ° C
Required Air Temperature = 21 ° C
Delta T (ΔT) = Mean Water Temperature - Required Air Temperature = 60 - 21 = 39 ° C
- 2. Note the Delta T 50 output shown for the specific size you require.
- 3. Locate the Exponent ('n') for the product you have selected within the Correction Factor table and your calculated Delta T (ΔT).
- 4. Multiply the Delta T 50 output noted, by the correction factor shown.

Outputs stated within this catalogue are shown at ΔT50 ° C and also calculated at ΔT30 ° C.

Multiplying factors required to calculate outputs at different Delta Ts (ΔTs) between 15 ° C and 60 ° C are shown in the Correction Factor tables on the following pages.

EXAMPLE:

Radiator selected =
Type 22 (Fascia Grace), 600mm (Height) x 1000mm (Length)

Delta T of System (ΔT) =
39 ° C

Exponent ('n') =
1.32

Output @ Delta T50 =
1676 (w)

Corrected Output =
1676 (w) x 0.7187 (Correction Factor) = 1205 (w) at ΔT39.

Nominal Height	Length (mm)	Double Panel Double Fin		
		'n'	Output (Watts)	
			ΔT50	ΔT30
600mm	400	1.32	670	340
	600		1006	510
	800		1341	680
	1000		1676	850
	1200		2011	1020
	1400		2346	1190
	1600		2682	1360
	1800		3017	1530
	2000		3352	1700
	2300		3855	1955
	2600		4358	2210
	3000		5028	2550

Product example: Type 22 (Fascia Grace), extracted from page 07

Correction Factors

Fascia models

ΔT	TYPE 11				TYPE 21		TYPE 22				TYPE 33			
	H300	H400	H500	H600	H500	H600	H300	H400	H500	H600	H300	H400	H500	H600
	Exponent 'n'													
	1.28	1.28	1.28	1.28	1.29	1.30	1.30	1.31	1.32	1.33	1.32	1.32	1.33	1.34
60	1.2633	1.2634	1.2635	1.2636	1.2653	1.2667	1.2675	1.2697	1.2720	1.2743	1.2711	1.2731	1.2751	1.2771
59	1.2364	1.2365	1.2365	1.2366	1.2382	1.2394	1.2401	1.2421	1.2441	1.2461	1.2433	1.2451	1.2469	1.2487
58	1.2096	1.2097	1.2097	1.2098	1.2111	1.2122	1.2128	1.2146	1.2164	1.2181	1.2157	1.2172	1.2188	1.2203
57	1.1829	1.1830	1.1830	1.1831	1.1843	1.1852	1.1857	1.1872	1.1888	1.1903	1.1882	1.1895	1.1909	1.1922
56	1.1564	1.1564	1.1565	1.1565	1.1575	1.1583	1.1587	1.1600	1.1613	1.1626	1.1608	1.1620	1.1631	1.1642
55	1.1300	1.1300	1.1300	1.1301	1.1309	1.1316	1.1319	1.1330	1.1340	1.1351	1.1336	1.1346	1.1355	1.1364
54	1.1037	1.1037	1.1038	1.1038	1.1044	1.1049	1.1052	1.1061	1.1069	1.1077	1.1066	1.1073	1.1080	1.1088
53	1.0776	1.0776	1.0776	1.0776	1.0781	1.0785	1.0787	1.0793	1.0799	1.0805	1.0797	1.0802	1.0808	1.0813
52	1.0516	1.0516	1.0516	1.0516	1.0519	1.0522	1.0523	1.0527	1.0531	1.0535	1.0530	1.0533	1.0537	1.0540
51	1.0257	1.0257	1.0257	1.0257	1.0259	1.0260	1.0261	1.0263	1.0265	1.0267	1.0264	1.0266	1.0268	1.0269
50	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	0.9744	0.9744	0.9744	0.9744	0.9743	0.9741	0.9741	0.9739	0.9737	0.9735	0.9738	0.9736	0.9734	0.9733
48	0.9490	0.9490	0.9490	0.9490	0.9487	0.9484	0.9483	0.9479	0.9476	0.9472	0.9477	0.9474	0.9470	0.9467
47	0.9237	0.9237	0.9237	0.9237	0.9232	0.9229	0.9227	0.9222	0.9216	0.9210	0.9218	0.9213	0.9208	0.9203
46	0.8986	0.8986	0.8986	0.8985	0.8980	0.8975	0.8973	0.8965	0.8958	0.8951	0.8961	0.8954	0.8948	0.8942
45	0.8737	0.8736	0.8736	0.8736	0.8729	0.8723	0.8720	0.8711	0.8702	0.8693	0.8705	0.8697	0.8690	0.8682
44	0.8488	0.8488	0.8488	0.8487	0.8479	0.8472	0.8469	0.8458	0.8448	0.8437	0.8452	0.8442	0.8433	0.8424
43	0.8242	0.8241	0.8241	0.8241	0.8231	0.8224	0.8220	0.8207	0.8195	0.8183	0.8200	0.8189	0.8179	0.8168
42	0.7997	0.7996	0.7996	0.7995	0.7985	0.7977	0.7972	0.7958	0.7945	0.7931	0.7950	0.7938	0.7926	0.7914
41	0.7754	0.7753	0.7753	0.7752	0.7740	0.7731	0.7726	0.7711	0.7696	0.7681	0.7702	0.7689	0.7675	0.7662
40	0.7512	0.7511	0.7511	0.7510	0.7498	0.7487	0.7482	0.7466	0.7449	0.7433	0.7455	0.7441	0.7427	0.7413
39	0.7272	0.7271	0.7271	0.7270	0.7256	0.7246	0.7240	0.7222	0.7204	0.7187	0.7211	0.7196	0.7180	0.7165
38	0.7034	0.7033	0.7033	0.7032	0.7017	0.7006	0.6999	0.6981	0.6962	0.6943	0.6969	0.6952	0.6936	0.6920
37	0.6798	0.6797	0.6796	0.6795	0.6780	0.6768	0.6761	0.6741	0.6721	0.6701	0.6729	0.6711	0.6694	0.6676
36	0.6563	0.6562	0.6561	0.6561	0.6544	0.6531	0.6524	0.6503	0.6482	0.6461	0.6490	0.6472	0.6454	0.6436
35	0.6330	0.6329	0.6329	0.6328	0.6311	0.6297	0.6290	0.6268	0.6246	0.6224	0.6254	0.6235	0.6216	0.6197
34	0.6099	0.6098	0.6098	0.6097	0.6079	0.6065	0.6057	0.6034	0.6011	0.5989	0.6020	0.6000	0.5980	0.5960
33	0.5870	0.5869	0.5869	0.5868	0.5849	0.5834	0.5826	0.5803	0.5779	0.5756	0.5788	0.5767	0.5747	0.5726
32	0.5643	0.5642	0.5641	0.5640	0.5621	0.5606	0.5598	0.5574	0.5549	0.5525	0.5558	0.5537	0.5516	0.5495
31	0.5418	0.5417	0.5416	0.5415	0.5396	0.5380	0.5372	0.5347	0.5321	0.5296	0.5331	0.5309	0.5287	0.5266
30	0.5195	0.5194	0.5193	0.5192	0.5172	0.5156	0.5148	0.5122	0.5096	0.5071	0.5106	0.5083	0.5061	0.5039
29	0.4974	0.4973	0.4972	0.4971	0.4951	0.4934	0.4926	0.4899	0.4873	0.4847	0.4883	0.4860	0.4838	0.4815
28	0.4755	0.4754	0.4753	0.4752	0.4731	0.4715	0.4706	0.4679	0.4652	0.4626	0.4663	0.4640	0.4616	0.4594
27	0.4539	0.4538	0.4537	0.4536	0.4514	0.4498	0.4489	0.4462	0.4434	0.4408	0.4445	0.4421	0.4398	0.4375
26	0.4324	0.4323	0.4322	0.4321	0.4300	0.4283	0.4274	0.4246	0.4219	0.4192	0.4229	0.4206	0.4182	0.4159
25	0.4112	0.4111	0.4110	0.4109	0.4088	0.4071	0.4061	0.4034	0.4006	0.3979	0.4017	0.3993	0.3969	0.3946
24	0.3903	0.3901	0.3901	0.3899	0.3878	0.3861	0.3851	0.3824	0.3796	0.3769	0.3807	0.3783	0.3759	0.3735
23	0.3695	0.3694	0.3693	0.3692	0.3670	0.3653	0.3644	0.3616	0.3589	0.3562	0.3599	0.3575	0.3552	0.3528
22	0.3491	0.3490	0.3489	0.3487	0.3466	0.3449	0.3439	0.3412	0.3384	0.3357	0.3395	0.3371	0.3347	0.3324
21	0.3289	0.3287	0.3287	0.3285	0.3264	0.3247	0.3238	0.3210	0.3183	0.3156	0.3193	0.3170	0.3146	0.3123
20	0.3089	0.3088	0.3087	0.3086	0.3065	0.3048	0.3039	0.3011	0.2984	0.2958	0.2995	0.2971	0.2948	0.2925
19	0.2893	0.2891	0.2891	0.2889	0.2868	0.2852	0.2843	0.2816	0.2789	0.2763	0.2799	0.2776	0.2753	0.2730
18	0.2699	0.2698	0.2697	0.2696	0.2675	0.2659	0.2650	0.2623	0.2597	0.2571	0.2607	0.2584	0.2562	0.2539
17	0.2508	0.2507	0.2506	0.2505	0.2485	0.2469	0.2460	0.2434	0.2408	0.2383	0.2418	0.2396	0.2374	0.2352
16	0.2321	0.2320	0.2319	0.2318	0.2298	0.2282	0.2274	0.2248	0.2223	0.2198	0.2233	0.2211	0.2189	0.2168
15	0.2136	0.2135	0.2135	0.2134	0.2114	0.2099	0.2091	0.2066	0.2042	0.2018	0.2051	0.2030	0.2009	0.1988

Correction Factors

Fascia Grace models

ΔT	TYPE 11				TYPE 21	TYPE 22			
	H300	H400	H500	H600	H600	H300	H400	H500	H600
	Exponent 'n'								
	1.28	1.28	1.28	1.28	1.30	1.30	1.31	1.32	1.33
60	1.2633	1.2634	1.2635	1.2636	1.2667	1.2675	1.2697	1.2720	1.2743
59	1.2364	1.2365	1.2365	1.2366	1.2394	1.2401	1.2421	1.2441	1.2461
58	1.2096	1.2097	1.2097	1.2098	1.2122	1.2128	1.2146	1.2164	1.2181
57	1.1829	1.1830	1.1830	1.1831	1.1852	1.1857	1.1872	1.1888	1.1903
56	1.1564	1.1564	1.1565	1.1565	1.1583	1.1587	1.1600	1.1613	1.1626
55	1.1300	1.1300	1.1300	1.1301	1.1316	1.1319	1.1330	1.1340	1.1351
54	1.1037	1.1037	1.1038	1.1038	1.1049	1.1052	1.1061	1.1069	1.1077
53	1.0776	1.0776	1.0776	1.0776	1.0785	1.0787	1.0793	1.0799	1.0805
52	1.0516	1.0516	1.0516	1.0516	1.0522	1.0523	1.0527	1.0531	1.0535
51	1.0257	1.0257	1.0257	1.0257	1.0260	1.0261	1.0263	1.0265	1.0267
50	1	1	1	1	1	1	1	1	1
49	0.9744	0.9744	0.9744	0.9744	0.9741	0.9741	0.9739	0.9737	0.9735
48	0.9490	0.9490	0.9490	0.9490	0.9484	0.9483	0.9479	0.9476	0.9472
47	0.9237	0.9237	0.9237	0.9237	0.9229	0.9227	0.9222	0.9216	0.9210
46	0.8986	0.8986	0.8986	0.8985	0.8975	0.8973	0.8965	0.8958	0.8951
45	0.8737	0.8736	0.8736	0.8736	0.8723	0.8720	0.8711	0.8702	0.8693
44	0.8488	0.8488	0.8488	0.8487	0.8472	0.8469	0.8458	0.8448	0.8437
43	0.8242	0.8241	0.8241	0.8241	0.8224	0.8220	0.8207	0.8195	0.8183
42	0.7997	0.7996	0.7996	0.7995	0.7977	0.7972	0.7958	0.7945	0.7931
41	0.7754	0.7753	0.7753	0.7752	0.7731	0.7726	0.7711	0.7696	0.7681
40	0.7512	0.7511	0.7511	0.7510	0.7487	0.7482	0.7466	0.7449	0.7433
39	0.7272	0.7271	0.7271	0.7270	0.7246	0.7240	0.7222	0.7204	0.7187
38	0.7034	0.7033	0.7033	0.7032	0.7006	0.6999	0.6981	0.6962	0.6943
37	0.6798	0.6797	0.6796	0.6795	0.6768	0.6761	0.6741	0.6721	0.6701
36	0.6563	0.6562	0.6561	0.6561	0.6531	0.6524	0.6503	0.6482	0.6461
35	0.6330	0.6329	0.6329	0.6328	0.6297	0.6290	0.6268	0.6246	0.6224
34	0.6099	0.6098	0.6098	0.6097	0.6065	0.6057	0.6034	0.6011	0.5989
33	0.5870	0.5869	0.5869	0.5868	0.5834	0.5826	0.5803	0.5779	0.5756
32	0.5643	0.5642	0.5641	0.5640	0.5606	0.5598	0.5574	0.5549	0.5525
31	0.5418	0.5417	0.5416	0.5415	0.5380	0.5372	0.5347	0.5321	0.5296
30	0.5195	0.5194	0.5193	0.5192	0.5156	0.5148	0.5122	0.5096	0.5071
29	0.4974	0.4973	0.4972	0.4971	0.4934	0.4926	0.4899	0.4873	0.4847
28	0.4755	0.4754	0.4753	0.4752	0.4715	0.4706	0.4679	0.4652	0.4626
27	0.4539	0.4538	0.4537	0.4536	0.4498	0.4489	0.4462	0.4434	0.4408
26	0.4324	0.4323	0.4322	0.4321	0.4283	0.4274	0.4246	0.4219	0.4192
25	0.4112	0.4111	0.4110	0.4109	0.4071	0.4061	0.4034	0.4006	0.3979
24	0.3903	0.3901	0.3901	0.3899	0.3861	0.3851	0.3824	0.3796	0.3769
23	0.3695	0.3694	0.3693	0.3692	0.3653	0.3644	0.3616	0.3589	0.3562
22	0.3491	0.3490	0.3489	0.3487	0.3449	0.3439	0.3412	0.3384	0.3357
21	0.3289	0.3287	0.3287	0.3285	0.3247	0.3238	0.3210	0.3183	0.3156
20	0.3089	0.3088	0.3087	0.3086	0.3048	0.3039	0.3011	0.2984	0.2958
19	0.2893	0.2891	0.2891	0.2889	0.2852	0.2843	0.2816	0.2789	0.2763
18	0.2699	0.2698	0.2697	0.2696	0.2659	0.2650	0.2623	0.2597	0.2571
17	0.2508	0.2507	0.2506	0.2505	0.2469	0.2460	0.2434	0.2408	0.2383
16	0.2321	0.2320	0.2319	0.2318	0.2282	0.2274	0.2248	0.2223	0.2198
15	0.2136	0.2135	0.2135	0.2134	0.2099	0.2091	0.2066	0.2042	0.2018

Correction Factors

Vertical Fascia & Fascia Grace models

ΔT	TYPE 21		TYPE 22	
	H1800	H1950	H1800	H1950
	Exponent 'n'			
	1.32	1.34	1.32	1.43
60	1.2719	1.2764	1.2728	1.2968
59	1.2440	1.2480	1.2448	1.2661
58	1.2163	1.2198	1.2170	1.2356
57	1.1887	1.1917	1.1893	1.2054
56	1.1613	1.1638	1.1618	1.1753
55	1.1340	1.1361	1.1344	1.1455
54	1.1069	1.1085	1.1072	1.1160
53	1.0799	1.0811	1.0801	1.0866
52	1.0531	1.0539	1.0533	1.0575
51	1.0265	1.0269	1.0265	1.0286
50	1	1	1	1
49	0.9737	0.9733	0.9736	0.9716
48	0.9476	0.9468	0.9474	0.9435
47	0.9216	0.9205	0.9214	0.9156
46	0.8958	0.8944	0.8955	0.8879
45	0.8702	0.8684	0.8699	0.8605
44	0.8448	0.8427	0.8444	0.8334
43	0.8196	0.8172	0.8191	0.8065
42	0.7945	0.7918	0.7940	0.7799
41	0.7697	0.7667	0.7691	0.7536
40	0.7450	0.7418	0.7444	0.7275
39	0.7205	0.7170	0.7198	0.7017
38	0.6963	0.6925	0.6955	0.6762
37	0.6722	0.6683	0.6714	0.6510
36	0.6483	0.6442	0.6475	0.6261
35	0.6247	0.6203	0.6238	0.6014
34	0.6012	0.5967	0.6003	0.5771
33	0.5780	0.5734	0.5771	0.5530
32	0.5550	0.5502	0.5541	0.5293
31	0.5323	0.5273	0.5313	0.5059
30	0.5097	0.5047	0.5087	0.4828
29	0.4874	0.4823	0.4864	0.4600
28	0.4654	0.4601	0.4643	0.4376
27	0.4436	0.4383	0.4425	0.4155
26	0.4220	0.4167	0.4210	0.3937
25	0.4008	0.3954	0.3997	0.3723
24	0.3797	0.3743	0.3787	0.3512
23	0.3590	0.3536	0.3579	0.3306
22	0.3386	0.3332	0.3375	0.3103
21	0.3184	0.3131	0.3173	0.2904
20	0.2986	0.2933	0.2975	0.2709
19	0.2790	0.2738	0.2780	0.2518
18	0.2598	0.2547	0.2588	0.2331
17	0.2410	0.2359	0.2399	0.2148
16	0.2224	0.2175	0.2214	0.1971
15	0.2043	0.1995	0.2033	0.1797



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