

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.

Content

Range Overview	04
Range Options	05
Heat Outputs	06-08
Fascia Horizontal models	06
Fascia Vertical models	07
Fascia Grace models	08
Weights and Water Contents	09
Accessories	10
Vertical models	10
Mounting Details	11-13
Fascia & Fascia Grace Horizontal models	11
Fascia & Fascia Grace Vertical models	12
Fascia Edge & Arc Vertical models	13
Correction Factors	15-19
Fascia models	16
Fascia Grace models	17
Vertical Fascia & Fascia Grace models	18
Vertical Fascia Edge & Arc models	19

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 3 heights 1800mm to 2100mm and lengths from 300mm - 855mm.

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: Standard connections are 4 x 1/2" BSP ABCD connections.

Vertical: 4 x G 1/2" bottom connections, 2 x G 1/2" top connections - for mounting plug and air vent.

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.

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.

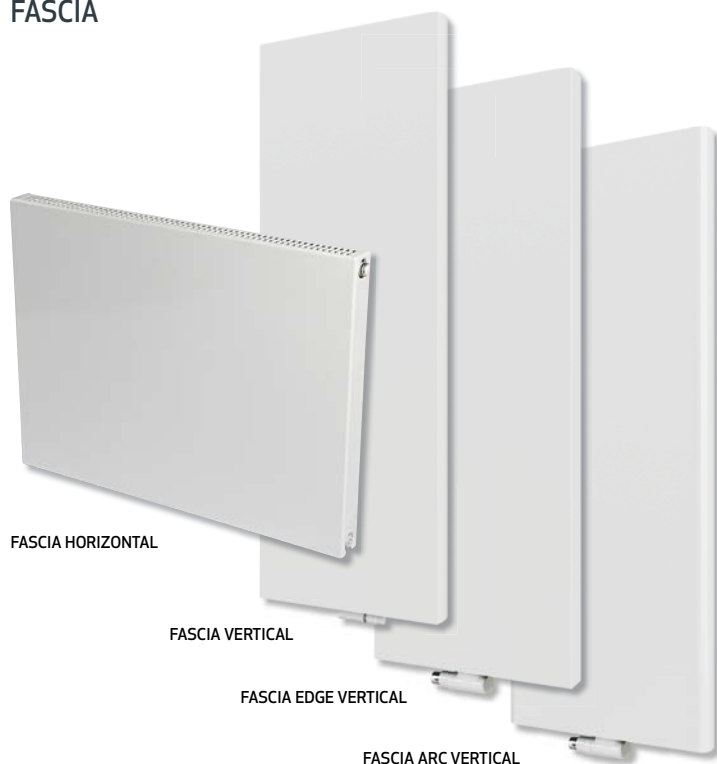
WARRANTY

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 HORIZONTAL

FASCIA VERTICAL

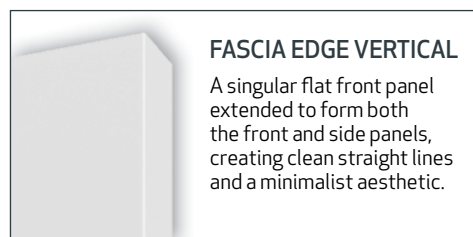
FASCIA EDGE VERTICAL

FASCIA ARC VERTICAL



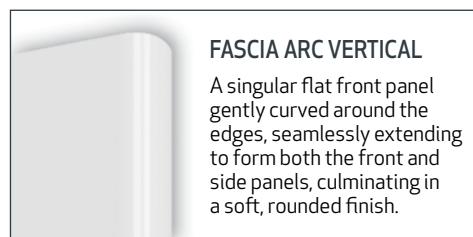
FASCIA VERTICAL

A stylish flat front panel complemented by gently curved side panels, resulting in a polished appearance.



FASCIA EDGE VERTICAL

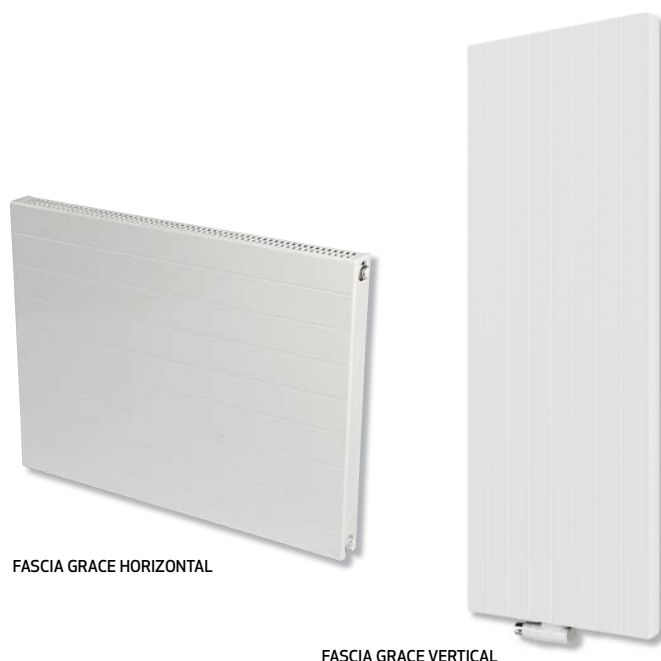
A singular flat front panel extended to form both the front and side panels, creating clean straight lines and a minimalist aesthetic.



FASCIA ARC VERTICAL

A singular flat front panel gently curved around the edges, seamlessly extending to form both the front and side panels, culminating in a soft, rounded finish.

FASCIA GRACE



FASCIA GRACE HORIZONTAL

FASCIA GRACE VERTICAL



FASCIA GRACE VERTICAL

The Fascia Grace vertical model takes modern styling one step further with a decorative, rather than flat, front panel.

Heat Outputs

Fascia Horizontal models

HORIZONTAL

TYPE 11

TYPE 21

TYPE 22

TYPE 33



Nominal Height (mm)	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)
			$\Delta T50$ $\Delta T30$		$\Delta T50$ $\Delta T30$		$\Delta T50$ $\Delta T30$		$\Delta T50$ $\Delta T30$
300	600	1.28	317	-	-	1.3	562	1.31	788
	1000		529		-		937		1314
	1400		741		-		1312		1840
	2000		1058		-		1874		2628
400	400	1.28	272	-	-	1.3	479	1.32	666
	600		408		-		719		1000
	800		544		-		958		1333
	1000		680		-		1198		1666
	1200		816		-		1438		1999
	1400		952		-		1677		2332
	1600		1088		-		1917		2666
	1800		1224		-		2156		2999
500	2000	1.28	1360	1.29	-	1.31	2396	1.33	3332
	400		329		445		578		798
	600		494		668		866		1198
	800		658		890		1155		1597
	1000		823		1113		1444		1996
	1200		988		1336		1733		2395
	1400		1152		1558		2022		2794
	1600		1317		1781		2310		3194
600	1800	1.28	1481	1.29	2003	1.32	2599	1.34	3593
	2000		1646		2226		2888		3992
	400		384		515		670		923
	600		577		773		1006		1384
	800		769		1030		1341		1846
	1000		961		1288		1676		2307
	1200		1153		1546		2011		2768
	1400		1345		1803		2346		3230
	1600		1538		2061		2682		3691
	1800		1730		2318		3017		4153
	2000		1922		2576		3352		4614
	2300		2210		2962		3855		5306
600	2600		2499		3349		4358		5998
	3000		2883		3864		5028		6921

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 15.

Heat Outputs

Fascia Vertical models

FASCIA VERTICAL

TYPE 21

TYPE 22



Nominal Height (mm)	Length (mm)	Double Panel Single Fin			Double Panel Double Fin		
		'n'	Output (Watts)		'n'	Output (Watts)	
			$\Delta T50$	$\Delta T30$		$\Delta T50$	$\Delta T30$
1800	300	1.29	955	495	1.30	1148	592
	450	1.30	1389	716	1.30	1698	873
	600	1.31	1812	930	1.31	2242	1149
	750	1.31	2228	1139	1.31	2781	1421
1950	300	1.29	1008	521	1.29	1208	624
	450	1.30	1466	756	1.30	1788	921
	600	1.30	1913	985	1.30	2360	1213
	750	1.31	2351	1207	1.31	2928	1500

FASCIA EDGE VERTICAL TYPE 11

TYPE 21



Nominal Height (mm)	Length (mm)	Single Panel Single Fin			Double Panel Single Fin		
		'n'	Output (Watts)		'n'	Output (Watts)	
			$\Delta T50$	$\Delta T30$		$\Delta T50$	$\Delta T30$
1800	325	1.26	720	378	1.29	955	495
	475	1.26	1042	546	1.30	1389	716
	625	1.27	1355	709	1.31	1812	930
1950	325	1.26	767	403	1.29	1008	521
	475	1.26	1110	582	1.30	1466	756
	625	1.27	1444	755	1.30	1913	985
	775	1.27	1770	923	1.31	2351	1207
2100	625	1.26	1530	803	1.30	2012	1038
	775	1.27	1876	980	1.30	2473	1276

FASCIA ARC VERTICAL TYPE 11

TYPE 21



Nominal Height (mm)	Length (mm)	Single Panel Single Fin			Length (mm)	Double Panel Single Fin		
		'n'	Output (Watts)			'n'	Output (Watts)	
			ΔT50	ΔT30			ΔT50	ΔT30
1800	373	1.26	720	378	405	1.29	955	495
	523	1.26	1042	546	555	1.30	1389	716
	673	1.27	1355	709	705	1.31	1812	930
1950	373	1.26	767	403	405	1.29	1008	521
	523	1.26	1110	582	555	1.30	1466	756
	673	1.27	1444	755	705	1.30	1913	985
	823	1.27	1770	923	855	1.31	2351	1207
2100	673	1.26	1530	803	705	1.30	2012	1038
	823	1.27	1876	980	855	1.30	2473	1276

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 15.

Heat Outputs

Fascia Grace models

HORIZONTAL

TYPE 11

TYPE 21

TYPE 22



Nominal Height (mm)	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
300	600	1.28	317	165	-	-	-	1.3	562	289
	1000		529	275		-	-		937	482
	1400		741	385		-	-		1312	675
	2000		1058	550		-	-		1874	965
400	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
	500		400	1.28		329	171		-	-
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		
2000		1646	855		-	-	2888	1472		
600	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 (mm)	Length (mm)	Double Panel Single Fin			Double Panel Double Fin		
		'n'	Output (Watts)		'n'	Output (Watts)	
			ΔT50	ΔT30		ΔT50	ΔT30
1800	300	1.29	955	495	1.30	1148	592
	450	1.30	1389	716	1.30	1698	873
	600	1.31	1812	930	1.31	2242	1149
	750	1.31	2228	1139	1.31	2781	1421
1950	300	1.29	1008	521	1.29	1208	624
	450	1.30	1466	756	1.30	1788	921
	600	1.30	1913	985	1.30	2360	1213
	750	1.31	2351	1207	1.31	2928	1500

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 15.

Weights and Water Contents

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					
Nominal Height (mm)	Length (mm)	Type 21		Type 22	
		Double Panel Single Fin		Double Panel Double Fin	
		Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
1800	300	30.5	4.8	33.75	4.85
	450	44.05	7.23	48.63	7.28
	600	57.6	9.67	63.52	9.72
	750	71.15	12.1	78.4	12.15
1950	300	32.78	5.2	35.83	5.25
	450	47.37	7.8	51.7	7.85
	600	61.96	10.4	67.58	10.45
	750	76.55	13	83.45	13.05

FASCIA EDGE VERTICAL MODELS

Weights & Water Contents					
Nominal Height (mm)	Length (mm)	Type 11		Type 21	
		Single Panel Single Fin		Double Panel Single Fin	
		Weight (kg)	Water Content (l)	Weight (kg)	Water Content (l)
1800	325	20.15	2.68	31.05	4.8
	475	28.42	3.78	45.85	7.23
	625	36.68	4.92	60.63	9.67
1950	325	21.6	2.85	33.42	5.28
	475	30.4	4.12	49.35	7.8
	625	39.2	5.38	65.26	10.4
	775	48	6.65	81.18	13
2100	625	41.9	5.85	69.89	11.13
	775	51.35	7.25	86.93	13.9

FASCIA ARC VERTICAL MODELS

Weights & Water Contents						
Nominal Height (mm)	Length (mm)	Type 11		Length (mm)	Type 21	
		Single Panel Single Fin			Double Panel Single Fin	
		Weight (kg)	Water Content (l)		Weight (kg)	Water Content (l)
1800	373	20.15	2.68	405	31.05	4.8
	523	28.42	3.78	555	45.85	7.23
	673	36.68	4.92	705	60.63	9.67
1950	373	21.6	2.85	405	33.42	5.28
	523	30.4	4.12	555	49.35	7.8
	673	39.2	5.38	705	65.26	10.4
	823	48	6.65	855	81.18	13
2100	673	41.9	5.85	705	69.89	11.13
	823	51.35	7.25	855	86.93	13.9

Accessories

Vertical models

Product	Type	Finish	Order Code	
Vertical Valve Set with Design Cover*	Angled	WHITE	EZ13TP0048008330	
		CHROME	EZ13TP004800853SCHRO	
		MATT STAINLESS STEEL	EZ13TP004800873S0112	
	Straight	WHITE	EZ13TP0048008430	
		CHROME	EZ13TP004800863SCHRO	
		MATT STAINLESS STEEL	EZ13TP004800883S0112	
Vertical Valve Set*	Angled	WHITE	EZIXTPS9037005N0	
		CHROME	EZIXTPS9037005NSCHRO	
		MATT ANTHRACITE GREY	EZIXTPS9037005NS0022	
		MATT JET BLACK	EZIXTPS9037005NS0029	
	Straight	WHITE	EZIXTPS9037004N0	
		CHROME	EZIXTPS9037004NSCHRO	
		MATT ANTHRACITE GREY	EZIXTPS9037004NS0022	
Vertical Valve Set VHX-D/RAX*	Angled	WHITE	EZ1TP00VV00010A0	
	Angled	CHROME	EZ1TP00VV00010ASCHRO	

NOTE: 15mm Nut & Olive pack (Copper) required - MERRNOPI5

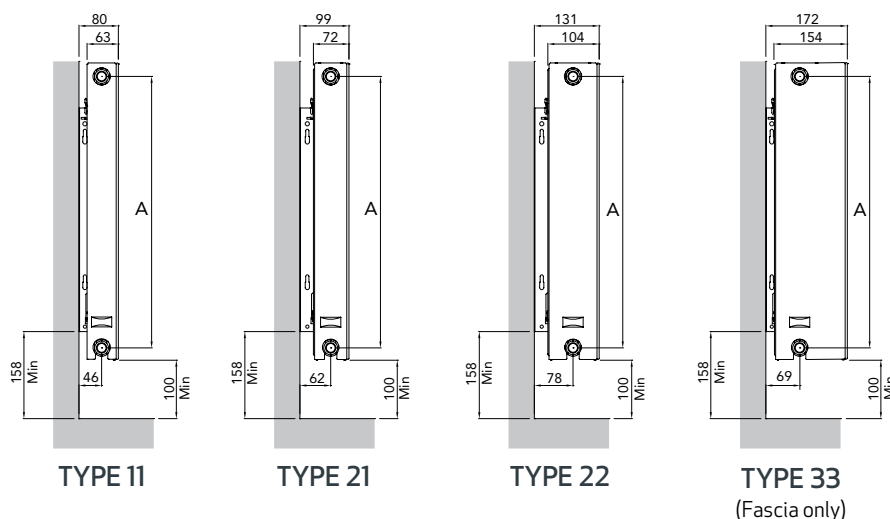
*Not to be used for top connection

Product	Type	Radiator Length (mm)	Finish	Order Code	
Fascia Vertical & Fascia Grace Vertical Towel Rail	All	300	MATT BRUSHED STAINLESS STEEL	EZ14BTKF00030000	
		450		EZ14BTKF00045000	
		600		EZ14BTKF00060000	
		750		EZ14BTKF00075000	
	All	300	POLISHED STAINLESS STEEL (CHROME LOOK)	EZ14BTKF00030005SMBP	
		450		EZ14BTKF00045005SMBP	
		600		EZ14BTKF00060005SMBP	
		750		EZ14BTKF00075005SMBP	
	T11	325	MATT BRUSHED STAINLESS STEEL	EZ14BTTLT1132500	
		475		EZ14BTTLT1147500	
		625		EZ14BTTLT1162500	
		775		EZ14BTTLT1177500	
	T21	325		EZ14BTTOT2132500	
		475		EZ14BTTOT2147500	
		625		EZ14BTTOT2162500	
		775		EZ14BTTOT2177500	
Fascia Edge Vertical Towel Rail	T11	325	POLISHED STAINLESS STEEL (CHROME LOOK)	EZ14BTTLT1132505SMBP	
		475		EZ14BTTLT1147505SMBP	
		625		EZ14BTTLT1162505SMBP	
		775		EZ14BTTLT1177505SMBP	
	T21	325	POLISHED STAINLESS STEEL (CHROME LOOK)	EZ14BTTOT2132505SMBP	
		475		EZ14BTTOT2147505SMBP	
		625		EZ14BTTOT2162505SMBP	
		775		EZ14BTTOT2177505SMBP	
	T11	373	MATT BRUSHED STAINLESS STEEL	EZ14BTPST1138000	
		523		EZ14BTPST1153000	
		673		EZ14BTPST1168000	
		823		EZ14BTPST1183000	
		405		EZ14BTPOT2140500	
		555		EZ14BTPOT2155500	
		705		EZ14BTPOT2170500	
		855		EZ14BTPOT2185500	
	T21	373	POLISHED STAINLESS STEEL (CHROME LOOK)	EZ14BTPST1138005SMBP	
		523		EZ14BTPST1153005SMBP	
		673		EZ14BTPST1168005SMBP	
		823		EZ14BTPST1183005SMBP	
		405		EZ14BTPOT2140505SMBP	
		555		EZ14BTPOT2155505SMBP	
		705		EZ14BTPOT2170505SMBP	
		855		EZ14BTPOT2185505SMBP	

Mounting Details

Fascia & Fascia Grace Horizontal models

MOUNTING POSITIONS, DIMENSIONS AND WALL BRACKETS

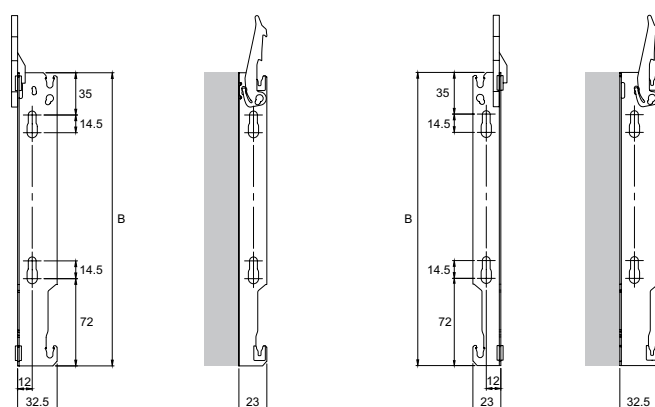


Nominal Height (mm)	A (mm)
300	250
400	350
500	450
600	550

WALL BRACKETS

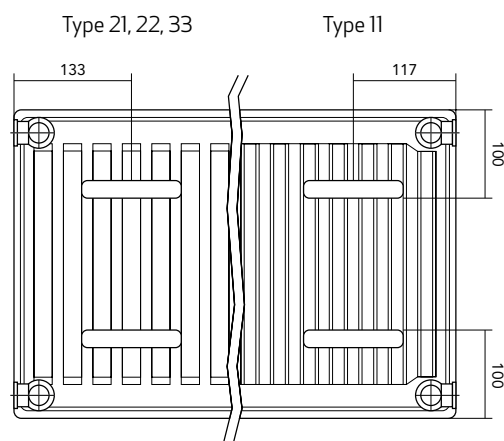
Bracket for use on - Type 11 and 33

Bracket for use on - Type 21 and 22



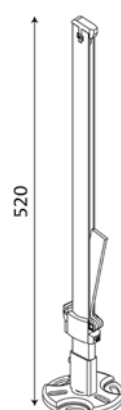
Nominal Height (mm)	B (mm)
300	151
400	241
500	341
600	441

BRACKET POSITIONS AND DIMENSIONS



NOTE:
All measurements are nominal

FLOOR BRACKETS FOR ALL TYPES:



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

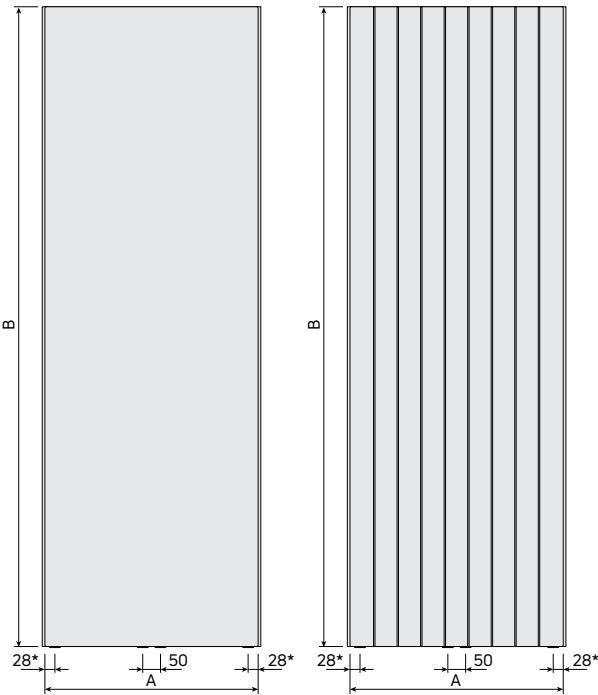
Height 300 - 700mm	
Radiator length (mm)	Quantity of floor brackets*
400 - 1600	2
1800 - 2300	3
2400 - 2600	4
2700 - 3000	5

*The floor brackets will support the radiators, however, in certain instances the brackets will flex and where possible the radiator should be fixed to the wall using the top bracket.

Mounting Details

Fascia & Fascia Grace Vertical models

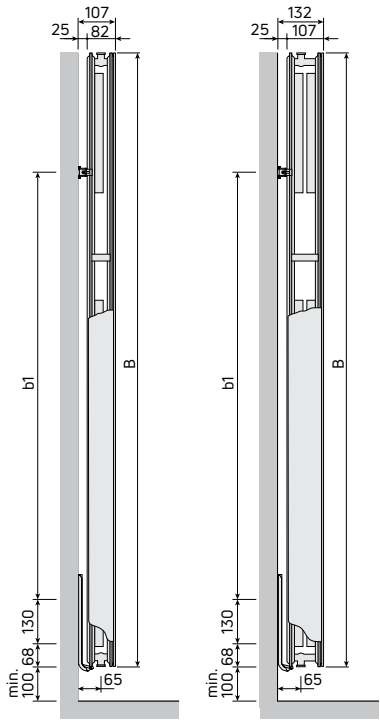
FRONT VIEWS



FASCIA

FASCIA GRACE

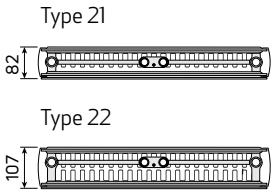
SIDE VIEWS



TYPE 21

TYPE 22

TOP VIEWS

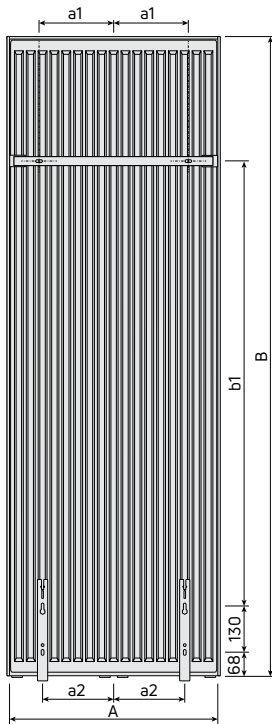


Type 21

Type 22

A = width
B = height
All dimensions in mm

REAR VIEW WITH BRACKETS

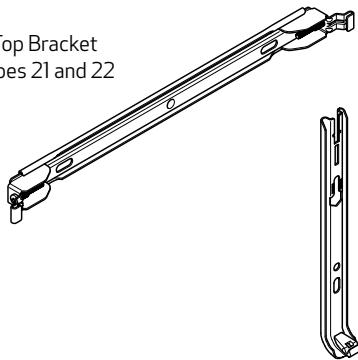


MOUNTING DISTANCES

B (mm)	1800	1950	2100	2300
b1	1252	1402	1552	1752

A (mm)	300	450	600	750
a1	60	135	210	285
a2	75	125	200	250

Top Bracket
Types 21 and 22



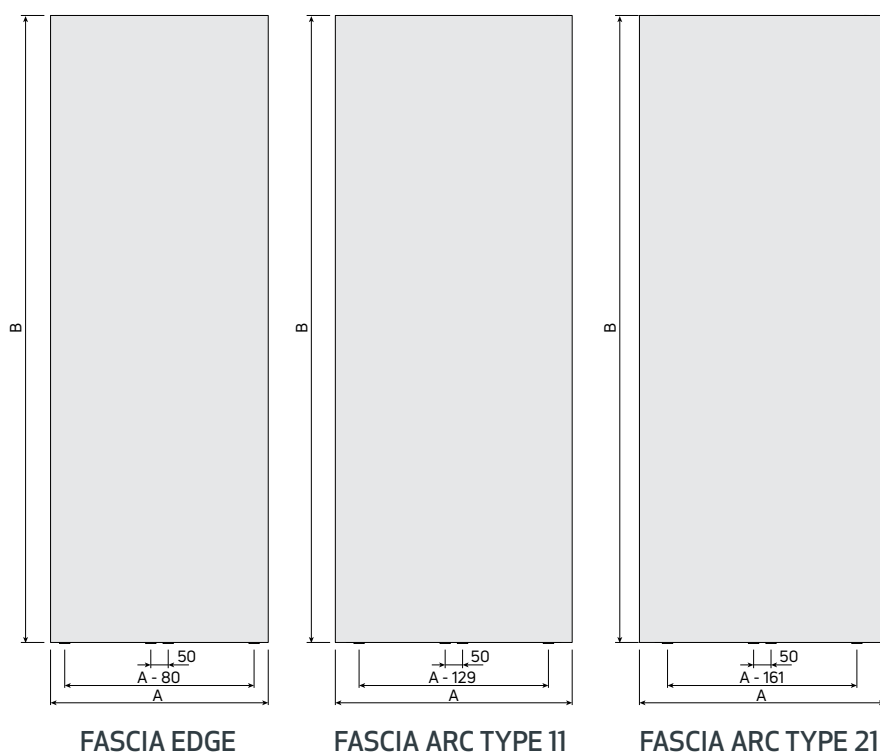
Bottom Bracket
Types 21 and 22



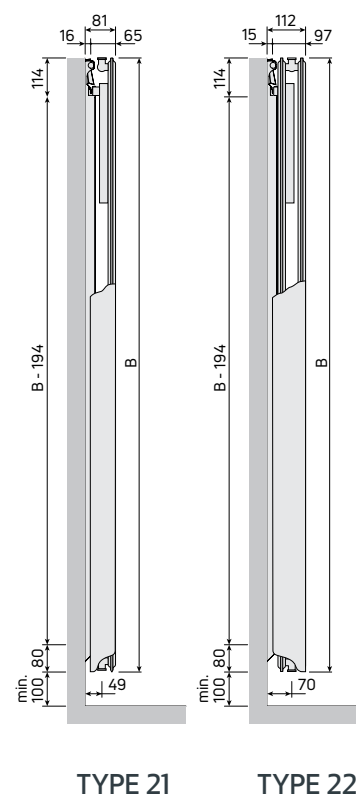
Mounting Details

Fascia Edge & Arc Vertical models

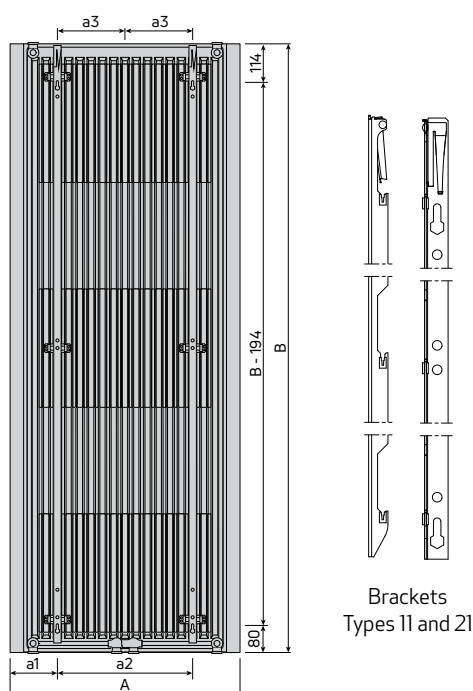
FRONT VIEWS



SIDE VIEWS



REAR VIEW WITH BRACKETS



MOUNTING DISTANCES

Fascia Edge - Type 11

A (mm)	325	475	625	775
a1	112	120	112	120
a2	100	234	400	534
a3	50	117	200	267

Fascia Edge - Type 21

A (mm)	325	475	625	775
a1	95	104	95	104
a2	134	266	434	566
a3	67	133	217	283

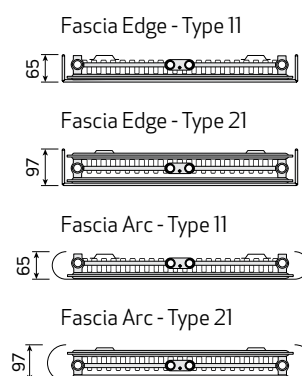
Fascia Arc - Type 11

A (mm)	373	523	673	823
a1	137	145	136	145
a2	100	234	400	534
a3	50	117	200	267

Fascia Arc - Type 21

A (mm)	405	555	705	755
a1	136	145	136	145
a2	134	266	434	566
a3	67	133	217	283

TOP VIEWS



A = width
B = height
All dimensions in mm

NOTE:

The radiators are supplied for a two-pipe system. The radiator is reversible top/bottom.
(Please note: for top connection, the radiator must be turned 180°)



Fascia Edge Vertical

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 (mm)	Length (mm)	Double Panel Double Fin 'n'	Output (Watts)	
			ΔT50	ΔT30
600	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 08

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 (DOUBLE PANEL SINGLE FIN)										TYPE 22 (DOUBLE PANEL DOUBLE FIN)							
	H1800				H1950				H2100		H1800				H1950			
	L300	L450	L600	L750	L300	L450	L600	L750	L600	L750	L300	L450	L600	L750	L300	L450	L600	L750
	Exponent 'n'																	
	1.288	1.297	1.305	1.314	1.291	1.295	1.300	1.305	1.295	1.296	1.296	1.302	1.308	1.314	1.292	1.298	1.304	1.310
60	1.2646	1.2667	1.2687	1.2708	1.2653	1.2664	1.2675	1.2687	1.2664	1.2666	1.2665	1.2679	1.2693	1.2707	1.2655	1.2669	1.2683	1.2697
59	1.2375	1.2394	1.2412	1.2430	1.2381	1.2391	1.2401	1.2411	1.2391	1.2393	1.2392	1.2405	1.2417	1.2429	1.2384	1.2396	1.2408	1.2420
58	1.2106	1.2122	1.2138	1.2154	1.2111	1.2120	1.2129	1.2138	1.2120	1.2121	1.2121	1.2132	1.2142	1.2153	1.2113	1.2124	1.2134	1.2145
57	1.1838	1.1852	1.1865	1.1879	1.1842	1.1850	1.1858	1.1865	1.1850	1.1851	1.1851	1.1860	1.1869	1.1879	1.1844	1.1853	1.1862	1.1872
56	1.1571	1.1583	1.1594	1.1606	1.1575	1.1581	1.1588	1.1594	1.1581	1.1582	1.1582	1.1590	1.1598	1.1606	1.1576	1.1584	1.1592	1.1600
55	1.1306	1.1315	1.1325	1.1335	1.1309	1.1314	1.1319	1.1325	1.1314	1.1315	1.1315	1.1321	1.1328	1.1334	1.1310	1.1316	1.1323	1.1329
54	1.1042	1.1049	1.1057	1.1064	1.1044	1.1048	1.1053	1.1057	1.1048	1.1049	1.1049	1.1054	1.1059	1.1064	1.1045	1.1050	1.1055	1.1060
53	1.0779	1.0785	1.0790	1.0796	1.0781	1.0784	1.0787	1.0790	1.0784	1.0784	1.0784	1.0788	1.0792	1.0796	1.0782	1.0785	1.0789	1.0793
52	1.0518	1.0522	1.0525	1.0529	1.0519	1.0521	1.0523	1.0525	1.0521	1.0521	1.0521	1.0524	1.0526	1.0529	1.0520	1.0522	1.0525	1.0527
51	1.0258	1.0260	1.0262	1.0264	1.0259	1.0260	1.0261	1.0262	1.0260	1.0260	1.0260	1.0261	1.0262	1.0264	1.0259	1.0260	1.0261	1.0263
50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	0.9743	0.9741	0.9740	0.9738	0.9743	0.9742	0.9741	0.9740	0.9742	0.9742	0.9742	0.9740	0.9739	0.9738	0.9742	0.9741	0.9740	0.9739
48	0.9488	0.9485	0.9481	0.9478	0.9487	0.9485	0.9483	0.9481	0.9485	0.9485	0.9485	0.9482	0.9480	0.9478	0.9486	0.9484	0.9482	0.9479
47	0.9234	0.9229	0.9224	0.9219	0.9233	0.9230	0.9227	0.9224	0.9230	0.9229	0.9230	0.9226	0.9223	0.9219	0.9232	0.9228	0.9225	0.9222
46	0.8982	0.8975	0.8969	0.8962	0.8980	0.8976	0.8972	0.8969	0.8976	0.8976	0.8976	0.8971	0.8967	0.8962	0.8979	0.8975	0.8970	0.8966
45	0.8731	0.8723	0.8715	0.8707	0.8729	0.8724	0.8720	0.8715	0.8724	0.8724	0.8724	0.8718	0.8713	0.8707	0.8728	0.8722	0.8717	0.8711
44	0.8482	0.8473	0.8463	0.8453	0.8479	0.8474	0.8469	0.8463	0.8474	0.8473	0.8473	0.8467	0.8460	0.8454	0.8478	0.8472	0.8465	0.8459
43	0.8235	0.8224	0.8213	0.8202	0.8231	0.8225	0.8219	0.8213	0.8226	0.8224	0.8225	0.8217	0.8210	0.8202	0.8230	0.8223	0.8215	0.8208
42	0.7989	0.7977	0.7964	0.7952	0.7985	0.7978	0.7972	0.7965	0.7979	0.7977	0.7978	0.7969	0.7961	0.7952	0.7983	0.7975	0.7967	0.7959
41	0.7745	0.7731	0.7718	0.7704	0.7741	0.7733	0.7726	0.7718	0.7733	0.7732	0.7733	0.7723	0.7714	0.7705	0.7739	0.7730	0.7721	0.7712
40	0.7503	0.7488	0.7473	0.7458	0.7498	0.7490	0.7481	0.7473	0.7490	0.7489	0.7489	0.7479	0.7469	0.7459	0.7496	0.7486	0.7476	0.7466
39	0.7262	0.7246	0.7230	0.7214	0.7257	0.7248	0.7239	0.7230	0.7248	0.7247	0.7247	0.7236	0.7226	0.7215	0.7255	0.7244	0.7233	0.7223
38	0.7023	0.7006	0.6989	0.6972	0.7018	0.7008	0.6999	0.6989	0.7009	0.7007	0.7007	0.6996	0.6984	0.6973	0.7015	0.7004	0.6993	0.6981
37	0.6786	0.6768	0.6750	0.6732	0.6780	0.6770	0.6760	0.6750	0.6771	0.6769	0.6769	0.6757	0.6745	0.6732	0.6778	0.6766	0.6754	0.6742
36	0.6551	0.6532	0.6513	0.6494	0.6545	0.6534	0.6524	0.6513	0.6535	0.6533	0.6533	0.6520	0.6507	0.6494	0.6542	0.6529	0.6517	0.6504
35	0.6318	0.6298	0.6278	0.6258	0.6311	0.6300	0.6289	0.6278	0.6300	0.6298	0.6299	0.6285	0.6272	0.6258	0.6308	0.6295	0.6282	0.6268
34	0.6086	0.6065	0.6044	0.6024	0.6079	0.6068	0.6056	0.6045	0.6068	0.6066	0.6067	0.6053	0.6039	0.6024	0.6076	0.6063	0.6049	0.6035
33	0.5857	0.5835	0.5813	0.5792	0.5850	0.5838	0.5826	0.5814	0.5838	0.5836	0.5837	0.5822	0.5807	0.5793	0.5847	0.5832	0.5818	0.5804
32	0.5629	0.5607	0.5585	0.5562	0.5622	0.5610	0.5597	0.5585	0.5610	0.5608	0.5609	0.5593	0.5578	0.5563	0.5619	0.5604	0.5589	0.5574
31	0.5404	0.5381	0.5358	0.5335	0.5396	0.5383	0.5371	0.5358	0.5384	0.5382	0.5382	0.5367	0.5351	0.5336	0.5393	0.5378	0.5363	0.5347
30	0.5180	0.5157	0.5133	0.5110	0.5173	0.5160	0.5147	0.5134	0.5160	0.5158	0.5159	0.5143	0.5127	0.5111	0.5169	0.5154	0.5138	0.5123
29	0.4959	0.4935	0.4911	0.4887	0.4951	0.4938	0.4925	0.4912	0.4938	0.4936	0.4937	0.4920	0.4904	0.4888	0.4948	0.4932	0.4916	0.4900
28	0.4740	0.4715	0.4691	0.4667	0.4732	0.4718	0.4705	0.4692	0.4719	0.4717	0.4717	0.4701	0.4684	0.4668	0.4729	0.4712	0.4696	0.4680
27	0.4523	0.4498	0.4474	0.4449	0.4515	0.4501	0.4488	0.4474	0.4502	0.4499	0.4500	0.4483	0.4467	0.4450	0.4512	0.4495	0.4479	0.4462
26	0.4308	0.4283	0.4259	0.4234	0.4300	0.4287	0.4273	0.4259	0.4287	0.4285	0.4285	0.4268	0.4252	0.4235	0.4297	0.4280	0.4264	0.4247
25	0.4096	0.4071	0.4046	0.4021	0.4088	0.4074	0.4060	0.4047	0.4075	0.4072	0.4073	0.4056	0.4039	0.4022	0.4085	0.4068	0.4051	0.4035
24	0.3887	0.3861	0.3836	0.3811	0.3878	0.3864	0.3851	0.3837	0.3865	0.3862	0.3863	0.3846	0.3829	0.3812	0.3875	0.3858	0.3841	0.3825
23	0.3679	0.3654	0.3629	0.3604	0.3671	0.3657	0.3643	0.3629	0.3658	0.3655	0.3656	0.3639	0.3622	0.3605	0.3668	0.3651	0.3634	0.3617
22	0.3475	0.3449	0.3424	0.3399	0.3466	0.3452	0.3439	0.3425	0.3453	0.3450	0.3451	0.3434	0.3417	0.3400	0.3463	0.3446	0.3430	0.3413
21	0.3273	0.3247	0.3222	0.3198	0.3264	0.3251	0.3237	0.3223	0.3251	0.3249	0.3249	0.3232	0.3215	0.3199	0.3261	0.3244	0.3228	0.3211
20	0.3073	0.3048	0.3024	0.2999	0.3065	0.3051	0.3038	0.3024	0.3052	0.3050	0.3050	0.3033	0.3017	0.3000	0.3062	0.3045	0.3029	0.3012
19	0.2877	0.2852	0.2828	0.2804	0.2869	0.2855	0.2842	0.2828	0.2856	0.2853	0.2854	0.2837	0.2821	0.2804	0.2866	0.2849	0.2833	0.2817
18	0.2683	0.2659	0.2635	0.2611	0.2676	0.2662	0.2649	0.2636	0.2663	0.2660	0.2661	0.2645	0.2628	0.2612	0.2672	0.2656	0.2640	0.2624
17	0.2493	0.2469	0.2446	0.2422	0.2485	0.2472	0.2459	0.2446	0.2473	0.2470	0.2471	0.2455	0.2439	0.2423	0.2482	0.2466	0.2451	0.2435
16	0.2306	0.2283	0.2260	0.2237	0.2298	0.2285	0.2273	0.2260	0.2286	0.2284	0.2284	0.2269	0.2253	0.2238	0.2295	0.2280	0.2264	0.2249
15	0.2122	0.2099	0.2077	0.2055	0.2115	0.2102	0.2090	0.2077	0.2103	0.2100	0.2101	0.2086	0.2071	0.2056	0.2112	0.2097	0.2082	0.2067

Correction Factors

Vertical Fascia Edge & Arc models

ΔT	TYPE 11 (SINGLE PANEL SINGLE FIN)									TYPE 21 (DOUBLE PANEL SINGLE FIN)									
	H1800			H1950				H2100		H1800				H1950				H2100	
	L325	L475	L625	L325	L475	L625	L775	L625	L775	L325	L475	L625	L775	L325	L475	L625	L775	L625	L775
	L373	L523	L673	L373	L523	L673	L823	L673	L873	L405	L555	L705	L855	L405	L555	L705	L855	L705	L855
	Exponent 'n'																		
	1.262	1.265	1.267	1.259	1.264	1.269	1.275	1.262	1.272	1.288	1.297	1.305	1.314	1.291	1.295	1.300	1.305	1.295	1.296
60	1.2588	1.2593	1.2598	1.2579	1.2591	1.2604	1.2616	1.2588	1.2609	1.2646	1.2667	1.2687	1.2708	1.2653	1.2664	1.2675	1.2687	1.2664	1.2666
59	1.2324	1.2328	1.2333	1.2316	1.2327	1.2338	1.2349	1.2324	1.2343	1.2375	1.2394	1.2412	1.2430	1.2381	1.2391	1.2401	1.2411	1.2391	1.2393
58	1.2061	1.2064	1.2068	1.2054	1.2063	1.2073	1.2083	1.2061	1.2077	1.2106	1.2122	1.2138	1.2154	1.2111	1.2120	1.2129	1.2138	1.2120	1.2121
57	1.1799	1.1802	1.1805	1.1793	1.1801	1.1809	1.1818	1.1799	1.1813	1.1838	1.1852	1.1865	1.1879	1.1842	1.1850	1.1858	1.1865	1.1850	1.1851
56	1.1538	1.1541	1.1544	1.1533	1.1540	1.1547	1.1554	1.1538	1.1550	1.1571	1.1583	1.1594	1.1606	1.1575	1.1581	1.1588	1.1594	1.1581	1.1582
55	1.1278	1.1281	1.1283	1.1274	1.1280	1.1286	1.1292	1.1279	1.1288	1.1306	1.1315	1.1325	1.1335	1.1309	1.1314	1.1319	1.1325	1.1314	1.1315
54	1.1020	1.1022	1.1024	1.1017	1.1022	1.1026	1.1031	1.1020	1.1028	1.1042	1.1049	1.1057	1.1064	1.1044	1.1048	1.1053	1.1057	1.1048	1.1049
53	1.0763	1.0765	1.0766	1.0761	1.0764	1.0768	1.0771	1.0763	1.0769	1.0779	1.0785	1.0790	1.0796	1.0781	1.0784	1.0787	1.0790	1.0784	1.0784
52	1.0508	1.0508	1.0509	1.0506	1.0508	1.0510	1.0513	1.0508	1.0511	1.0518	1.0522	1.0525	1.0529	1.0519	1.0521	1.0523	1.0525	1.0521	1.0521
51	1.0253	1.0254	1.0254	1.0252	1.0253	1.0255	1.0256	1.0253	1.0255	1.0258	1.0260	1.0262	1.0264	1.0259	1.0260	1.0261	1.0262	1.0260	1.0260
50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	0.9748	0.9748	0.9747	0.9749	0.9748	0.9747	0.9746	0.9748	0.9746	0.9743	0.9741	0.9740	0.9738	0.9743	0.9742	0.9741	0.9740	0.9742	0.9742
48	0.9498	0.9497	0.9496	0.9499	0.9497	0.9495	0.9493	0.9498	0.9494	0.9488	0.9485	0.9481	0.9478	0.9487	0.9485	0.9483	0.9481	0.9485	0.9485
47	0.9249	0.9247	0.9246	0.9251	0.9248	0.9245	0.9242	0.9249	0.9243	0.9234	0.9229	0.9224	0.9219	0.9233	0.9230	0.9227	0.9224	0.9230	0.9229
46	0.9001	0.8999	0.8998	0.9004	0.9000	0.8996	0.8992	0.9001	0.8994	0.8982	0.8975	0.8969	0.8962	0.8980	0.8976	0.8972	0.8969	0.8976	0.8976
45	0.8755	0.8753	0.8751	0.8758	0.8753	0.8748	0.8743	0.8755	0.8746	0.8731	0.8723	0.8715	0.8707	0.8729	0.8724	0.8720	0.8715	0.8724	0.8724
44	0.8510	0.8507	0.8505	0.8514	0.8508	0.8502	0.8496	0.8510	0.8500	0.8482	0.8473	0.8463	0.8453	0.8479	0.8474	0.8469	0.8463	0.8474	0.8473
43	0.8266	0.8264	0.8261	0.8271	0.8264	0.8258	0.8251	0.8266	0.8255	0.8235	0.8224	0.8213	0.8202	0.8231	0.8225	0.8219	0.8213	0.8226	0.8224
42	0.8024	0.8021	0.8018	0.8030	0.8022	0.8015	0.8007	0.8024	0.8011	0.7989	0.7977	0.7964	0.7952	0.7985	0.7978	0.7972	0.7965	0.7979	0.7977
41	0.7784	0.7781	0.7777	0.7790	0.7782	0.7773	0.7765	0.7784	0.7770	0.7745	0.7731	0.7718	0.7704	0.7741	0.7733	0.7726	0.7718	0.7733	0.7732
40	0.7545	0.7541	0.7538	0.7551	0.7543	0.7533	0.7525	0.7545	0.7530	0.7503	0.7488	0.7473	0.7458	0.7498	0.7490	0.7481	0.7473	0.7490	0.7489
39	0.7308	0.7304	0.7300	0.7315	0.7305	0.7295	0.7286	0.7308	0.7291	0.7262	0.7246	0.7230	0.7214	0.7257	0.7248	0.7239	0.7230	0.7248	0.7247
38	0.7072	0.7068	0.7064	0.7079	0.7069	0.7059	0.7048	0.7072	0.7054	0.7023	0.7006	0.6989	0.6972	0.7018	0.7008	0.6999	0.6989	0.7009	0.7007
37	0.6838	0.6834	0.6829	0.6846	0.6835	0.6824	0.6813	0.6838	0.6819	0.6786	0.6768	0.6750	0.6732	0.6780	0.6770	0.6760	0.6750	0.6771	0.6769
36	0.6606	0.6601	0.6596	0.6614	0.6602	0.6590	0.6579	0.6605	0.6585	0.6551	0.6532	0.6513	0.6494	0.6545	0.6534	0.6524	0.6513	0.6535	0.6533
35	0.6375	0.6370	0.6365	0.6383	0.6371	0.6359	0.6347	0.6375	0.6354	0.6318	0.6298	0.6278	0.6258	0.6311	0.6300	0.6289	0.6278	0.6300	0.6298
34	0.6146	0.6141	0.6135	0.6155	0.6142	0.6129	0.6117	0.6146	0.6124	0.6086	0.6065	0.6044	0.6024	0.6079	0.6068	0.6056	0.6045	0.6068	0.6066
33	0.5918	0.5913	0.5908	0.5928	0.5915	0.5901	0.5888	0.5918	0.5896	0.5857	0.5835	0.5813	0.5792	0.5850	0.5838	0.5826	0.5814	0.5838	0.5836
32	0.5693	0.5687	0.5682	0.5702	0.5689	0.5675	0.5662	0.5693	0.5669	0.5629	0.5607	0.5585	0.5562	0.5622	0.5610	0.5597	0.5585	0.5610	0.5608
31	0.5469	0.5464	0.5458	0.5479	0.5465	0.5451	0.5437	0.5469	0.5445	0.5404	0.5381	0.5358	0.5335	0.5396	0.5383	0.5371	0.5358	0.5384	0.5382
30	0.5248	0.5242	0.5236	0.5258	0.5243	0.5229	0.5215	0.5247	0.5223	0.5180	0.5157	0.5133	0.5110	0.5173	0.5160	0.5147	0.5134	0.5160	0.5158
29	0.5028	0.5022	0.5016	0.5038	0.5023	0.5009	0.4994	0.5027	0.5002	0.4959	0.4935	0.4911	0.4887	0.4951	0.4938	0.4925	0.4912	0.4938	0.4936
28	0.4810	0.4804	0.4798	0.4820	0.4805	0.4790	0.4776	0.4810	0.4784	0.4740	0.4715	0.4691	0.4667	0.4732	0.4718	0.4705	0.4692	0.4719	0.4717
27	0.4594	0.4588	0.4582	0.4605	0.4590	0.4574	0.4559	0.4594	0.4568	0.4523	0.4498	0.4474	0.4449	0.4515	0.4501	0.4488	0.4474	0.4502	0.4499
26	0.4380	0.4374	0.4368	0.4391	0.4376	0.4360	0.4345	0.4380	0.4354	0.4308	0.4283	0.4259	0.4234	0.4300	0.4287	0.4273	0.4259	0.4287	0.4285
25	0.4169	0.4162	0.4156	0.4179	0.4164	0.4149	0.4133	0.4168	0.4142	0.4096	0.4071	0.4046	0.4021	0.4088	0.4074	0.4060	0.4047	0.4075	0.4072
24	0.3959	0.3953	0.3947	0.3970	0.3955	0.3939	0.3924	0.3959	0.3932	0.3887	0.3861	0.3836	0.3811	0.3878	0.3864	0.3851	0.3837	0.3865	0.3862
23	0.3752	0.3746	0.3740	0.3763	0.3748	0.3732	0.3717	0.3752	0.3725	0.3679	0.3654	0.3629	0.3604	0.3671	0.3657	0.3643	0.3629	0.3658	0.3655
22	0.3548	0.3541	0.3535	0.3558	0.3543	0.3527	0.3512	0.3547	0.3521	0.3475	0.3449	0.3424	0.3399	0.3466	0.3452	0.3439	0.3425	0.3453	0.3450
21	0.3345	0.3339	0.3332	0.3356	0.3341	0.3325	0.3310	0.3345	0.3318	0.3273	0.3247	0.3222	0.3198	0.3264	0.3251	0.3237	0.3223	0.3251	0.3249
20	0.3145	0.3139	0.3133	0.3156	0.3141	0.3125	0.3110	0.3145	0.3119	0.3073	0.3048	0.3024	0.2999	0.3065	0.3051	0.3038	0.3024	0.3052	0.3050
19	0.2948	0.2942	0.2936	0.2959	0.2944	0.2928	0.2913	0.2948	0.2922	0.2877	0.2852	0.2828	0.2804	0.2869	0.2855	0.2842	0.2828	0.2856	0.2853
18	0.2754	0.2748	0.2741	0.2764	0.2749	0.2734	0.2719	0.2753	0.2728	0.2683	0.2659	0.2635	0.2611	0.2676	0.2662	0.2649	0.2636	0.2663	0.2660
17	0.2562	0.2556	0.2550	0.2572	0.2558	0.2543	0.2528	0.2562	0.2536	0.2493	0.2469	0.2446	0.2422	0.2485	0.2472	0.2459	0.2446	0.2473	0.2470
16	0.2373	0.2367	0.2361	0.2383	0.2369	0.2354	0.2340	0.2373	0.2348	0.2306	0.2283	0.2260	0.2237	0.2298	0.2285	0.2273	0.2260	0.2286	0.2284
15	0.2188	0.2182	0.2176	0.2197	0.2183	0.2169	0.2155	0.2187	0.2163	0.2122	0.2099	0.2077	0.2055	0.2115	0.2102	0.2090	0.2077	0.2103	0.2100

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