

Merriott

Primo & Primo Plus



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	06-07
Primo models	06
Primo Plus models	07
Mounting Details	08-09
Primo models	08
Primo Plus models	09
Weights and Water Content	10
Resistance Diagram	11
Correction Factors	12-14
Primo	13
Primo Plus	14

Range Overview

Primo & Primo Plus

The Merriott Primo range comprises of single and double panel radiators available in heights from 300mm - 700mm and lengths from 400mm - 2400mm. The Primo Plus is factory fitted side panels and a top grille.

OUTPUTS

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

FINISH

Every Merriott Primo 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

Standard connections are 4 x 1/2" BSP ABCD connections. All tapping-to-tapping dimensions can be obtained by adding 2mm to the nominal radiator length.

TESTING

All Primo and Primo Plus radiators are tested to 10.5 Bar with a maximum working pressure of 8 Bar.

BRACKETS

As standard, Merriott supply Primo radiators with strip brackets (as depicted on pages 8-9).

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

Primo & Primo Plus models



PRIMO SINGLE PANEL
Single Fin (Type 11)



PRIMO DOUBLE PANEL
Single Fin (Type 21)



PRIMO PLUS DOUBLE PANEL
Double Fin (Type 22)

Heat Outputs

Primo models

		TYPE 11			TYPE 21			TYPE 22		
										
Nominal Height	Length (mm)	Single Panel Single Fin			Double Panel Single Fin			Double Panel Double Fin		
		'n'	Watts $\Delta T50$	Watts $\Delta T30$	'n'	Watts $\Delta T50$	Watts $\Delta T30$	'n'	Watts $\Delta T50$	Watts $\Delta T30$
300mm	600	1.29	328	169	1.30	478	245	1.31	603	308
	800		-	-		-	-		804	411
	1000		546	281		797	408		1005	514
	1400		764	394		1116	572		1407	720
	1800		983	507		1435	735		1809	925
	2000		1092	563		-	-		2010	1028
	2400		1310	675		-	-		2412	1234
400mm	500	1.30	356	183	1.31	504	258	1.32	641	326
	600		427	220		605	309		769	391
	700		498	256		706	361		897	456
	800		569	293		806	412		1026	522
	900		640	329		907	464		1154	587
	1000		711	366		1008	515		1282	652
	1100		782	402		1109	567		1410	717
	1200		853	439		1210	619		1538	783
	1300		924	475		1310	670		1667	848
	1400		995	512		1411	721		1795	913
	1600		1138	585		1613	825		2051	1044
500mm	1800	1.30	1280	658	1.31	1814	927	1.33	2308	1174
	400		347	178		484	247		618	313
	500		434	223		605	309		773	391
	600		521	267		725	370		928	470
	700		608	312		846	432		1082	547
	800		694	356		967	493		1237	626
	900		781	401		1088	555		1391	704
	1000		868	445		1209	617		1546	782
	1100		955	490		-	-		-	-
	1200		1042	534		1451	740		1855	939
	1300		1128	579		-	-		2010	1017
	1400		1215	623		1693	864		2164	1095
	1500		1302	668		-	-		2319	1173
	1600		1389	712		1934	987		2474	1252
	1800		1562	801		2176	1110		2783	1408
	2000		1736	890		-	-		3092	1565
	2400		2083	1068		-	-		3710	1877
600mm	400	1.31	407	208	1.32	560	285	1.34	720	362
	500		509	260		700	356		900	453
	600		611	313		840	428		1079	543
	700		713	365		980	499		1259	634
	800		814	417		1120	570		1439	724
	900		916	469		1260	641		1619	815
	1000		1018	521		1400	713		1799	905
	1100		1120	573		1540	784		1979	996
	1200		1222	625		1680	855		2159	1086
	1300		1323	677		1820	927		2339	1177
	1400		1425	729		1960	998		2519	1268
	1600		1629	834		2240	1140		2878	1448
	1800		1832	937		2520	1283		3238	1629
	2000		2036	1042		-	-		3598	1811
	2400		2240	1146		-	-		4318	2173
700mm	400	1.31	464	237	1.32	633	321	1.35	817	409
	500		581	297		792	402		1022	512
	600		697	357		950	482		1226	614
	700		813	416		1108	562		1430	717
	800		929	475		1266	643		1634	819
	900		1045	535		1425	723		1839	922
	1000		1161	594		1583	804		2043	1024
	1200		1393	713		1900	964		2452	1229
	1400		1625	832		2216	1125		2860	1433
	1600		1858	951		2533	1286		3269	1638

NOTE:
All outputs are in accordance with EN442 certification.
'n' = average exponent value.
For outputs at other ΔT 's please see calculation example on page 12.

Heat Outputs

Primo Plus models

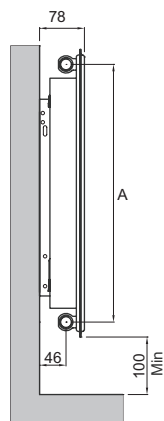
		TYPE 11			TYPE 21			TYPE 22		
										
Nominal Height	Length (mm)	Single Panel Single Fin			Double Panel Single Fin			Double Panel Double Fin		
		'n'	Watts $\Delta T50$	Watts $\Delta T30$	'n'	Watts $\Delta T50$	Watts $\Delta T30$	'n'	Watts $\Delta T50$	Watts $\Delta T30$
300mm	600	1.29	328	169	1.30	461	238	1.31	580	297
	800		-	-		-	-		773	396
	1000		546	281		768	397		966	494
	1400		764	394		1075	556		1352	692
	1800		983	507		1382	715		1739	890
	2000		1092	563		-	-		1932	989
	2400		1310	675		-	-		2318	1187
400mm	500	1.30	356	183	1.31	486	250	1.32	616	314
	600		427	220		583	300		739	376
	700		498	256		681	351		863	439
	800		569	293		778	400		986	502
	900		640	329		875	450		1109	565
	1000		711	366		972	500		1232	627
	1100		782	402		1069	550		1355	690
	1200		853	439		1166	600		1478	752
	1300		924	475		1264	651		1602	816
	1400		995	512		1361	701		1725	878
	1600		1138	585		1555	800		1971	1003
500mm	1800	1.30	1280	658	1.31	1750	901	1.33	2217	1129
	400		347	178		467	239		594	301
	500		434	223		584	299		742	376
	600		521	267		700	359		891	451
	700		608	312		817	419		1040	527
	800		694	356		933	478		1188	601
	900		781	401		1050	538		1336	676
	1000		868	445		1167	598		1485	752
	1100		955	490		-	717		1634	827
	1200		1042	534		1400	837		1782	902
	1300		1128	579		-	956		1931	978
	1400		1215	623		1634	1076		2079	1053
	1500		1302	668		-	-		2228	1128
	1600		1389	712		1867	956		2376	1203
	1800		1562	801		2101	1076		2673	1353
	2000		1736	890		-	-		2970	1504
	2400		2083	1068		-	-		3564	1804
600mm	400	1.31	407	208	1.32	542	276	1.34	691	348
	500		509	260		678	346		863	435
	600		611	313		813	415		1036	522
	700		713	365		948	483		1209	609
	800		814	417		1084	553		1382	696
	900		916	469		1220	622		1554	782
	1000		1018	521		1355	691		1727	870
	1100		1120	573		1491	760		1900	957
	1200		1222	625		1626	829		2072	1043
	1300		1323	677		1762	898		2245	1130
	1400		1425	729		1897	967		2418	1217
	1600		1629	834		2168	1105		2763	1391
	1800		1832	937		2439	1244		3109	1565
	2000		2036	1042		-	-		3454	1739
	2400		2440	1249		-	-		4145	2087
700mm	400	1.31	464	237	1.32	615	312	1.35	783	393
	500		581	297		768	390		979	492
	600		697	357		922	468		1175	590
	700		813	416		1076	547		1370	688
	800		929	475		1229	624		1567	787
	900		1045	535		1383	702		1762	885
	1000		1161	594		1537	781		1958	983
	1200		1393	713		1844	937		2350	1180
	1400		1625	832		2152	1093		2741	1377
	1600		1858	951		2459	1249		3133	1573

NOTE:
All outputs are in accordance with EN442 certification.
'n' = average exponent value.
For outputs at other ΔT 's please see calculation example on page 12.

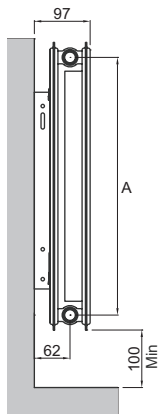
Mounting Details

Primo models

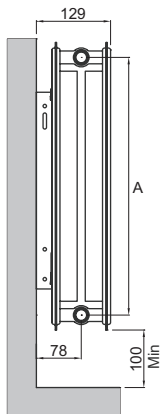
MOUNTING POSITIONS, DIMENSIONS AND WALL BRACKETS



TYPE 11



TYPE 21

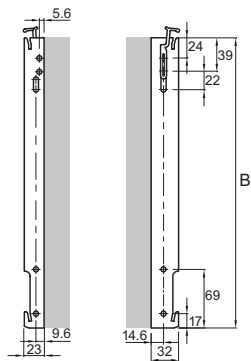


TYPE 22

Nominal Height (mm)	A (mm)
300	250
400	350
500	450
600	550
700	650

WALL BRACKETS

Supplied with Type 11, 21, 22

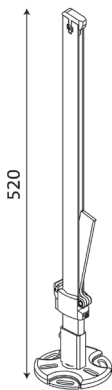


Type 11 only

Type 21 & 22

Nominal Height (mm)	B (mm)
300	142
400	242
500	342
600	442
700	542

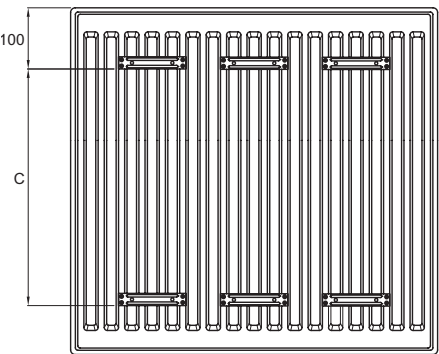
FLOOR BRACKETS FOR ALL TYPES:



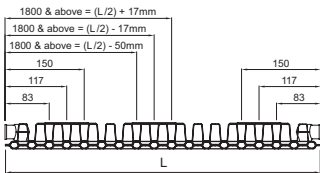
Maximum load of a single bracket:
Vertically - 180kg
Pulling - 35kg
Order Code: MERRPANELFOOT
(single piece)

Height 300 - 600mm	
Radiator length (mm)	Quantity of floor brackets
400 - 1800	2
2000	3
Height 700mm	
Radiator length (mm)	Quantity of floor brackets
400 - 1200	2
1400 - 1600	3

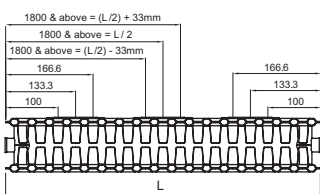
BRACKET POSITIONS AND DIMENSIONS



TYPE 11



TYPE 21 & 22



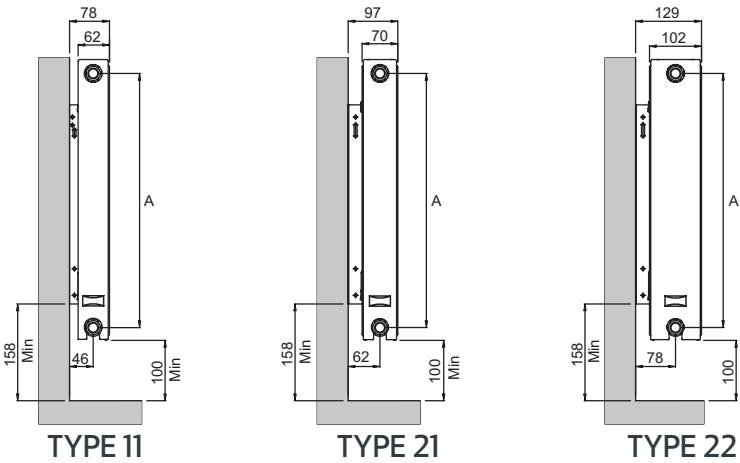
Nominal Height (mm)	C (mm)
300	120
400	220
500	320
600	420
700	520

All measurements are nominal

Mounting Details

Primo Plus models

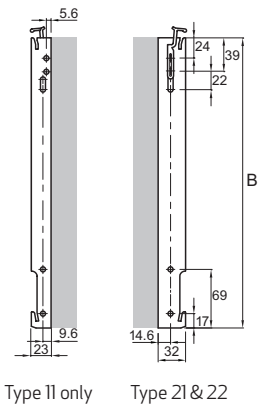
MOUNTING POSITIONS, DIMENSIONS AND WALL BRACKETS



Nominal Height (mm)	A (mm)
300	250
400	350
500	450
600	550
700	650

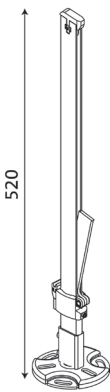
WALL BRACKETS

Supplied with Type 11, 21, 22



Nominal Height (mm)	B (mm)
300	142
400	242
500	342
600	442
700	542

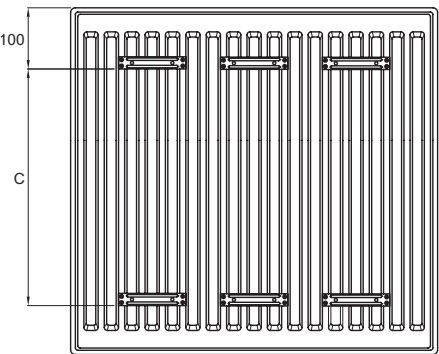
FLOOR BRACKETS FOR ALL TYPES:



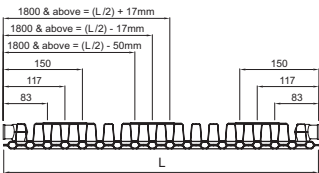
Maximum load of a single bracket:
Vertically - 180kg
Pulling - 35kg
Order Code: MERRPANELFOOT
(single piece)

Height 300 - 600mm	
Radiator length (mm)	Quantity of floor brackets
400 - 1800	2
2000	3
Height 700mm	
Radiator length (mm)	Quantity of floor brackets
400 - 1200	2
1400 - 1600	3

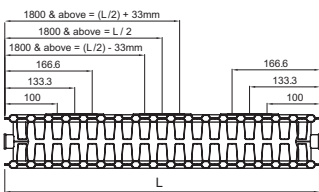
BRACKET POSITIONS AND DIMENSIONS



TYPE 11



TYPE 21 & 22



Nominal Height (mm)	C (mm)
300	120
400	220
500	320
600	420
700	520

Weights & Water Content

PRIMO MODELS

Water Content (L/M)					
Type	300mm	400mm	500mm	600mm	700mm
Single Panel Single Fin (Type 11)	1.7	2.1	2.6	3.0	3.5
Double Panel Single Fin (Type 21)	3.4	4.3	5.2	6.2	7.0
Double Panel Double Fin (Type 22)	3.4	4.3	5.2	6.2	7.0

Dry Weight (Kg/M)					
Type	300mm	400mm	500mm	600mm	700mm
Single Panel Single Fin (Type 11)	7.5	10.2	12.7	15.5	17.9
Double Panel Single Fin (Type 21)	13.4	17.9	22.2	26.7	31.1
Double Panel Double Fin (Type 22)	14.9	20.3	25.5	30.7	35.9

PRIMO PLUS MODELS

Water Content (L/M)					
Type	300mm	400mm	500mm	600mm	700mm
Single Panel Single Fin (Type 11)	1.7	2.1	2.6	3.0	3.5
Double Panel Single Fin (Type 21)	3.4	4.3	5.2	6.2	7.0
Double Panel Double Fin (Type 22)	3.4	4.3	5.2	6.2	7.0

Dry Weight (Kg/M)					
Type	300mm	400mm	500mm	600mm	700mm
Single Panel Single Fin (Type 11)	9.0	12.1	15.3	18.2	21.4
Double Panel Single Fin (Type 21)	14.7	19.5	24.5	29.2	34.3
Double Panel Double Fin (Type 22)	17.2	22.5	28.3	34.0	40.0

Resistance Diagram

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

Radiator type:
Type 22 (Primo)
Length - 1000mm
Height - 600mm
Output @ ΔT50 °C = 1799W (flow/return – 75/65 °C)

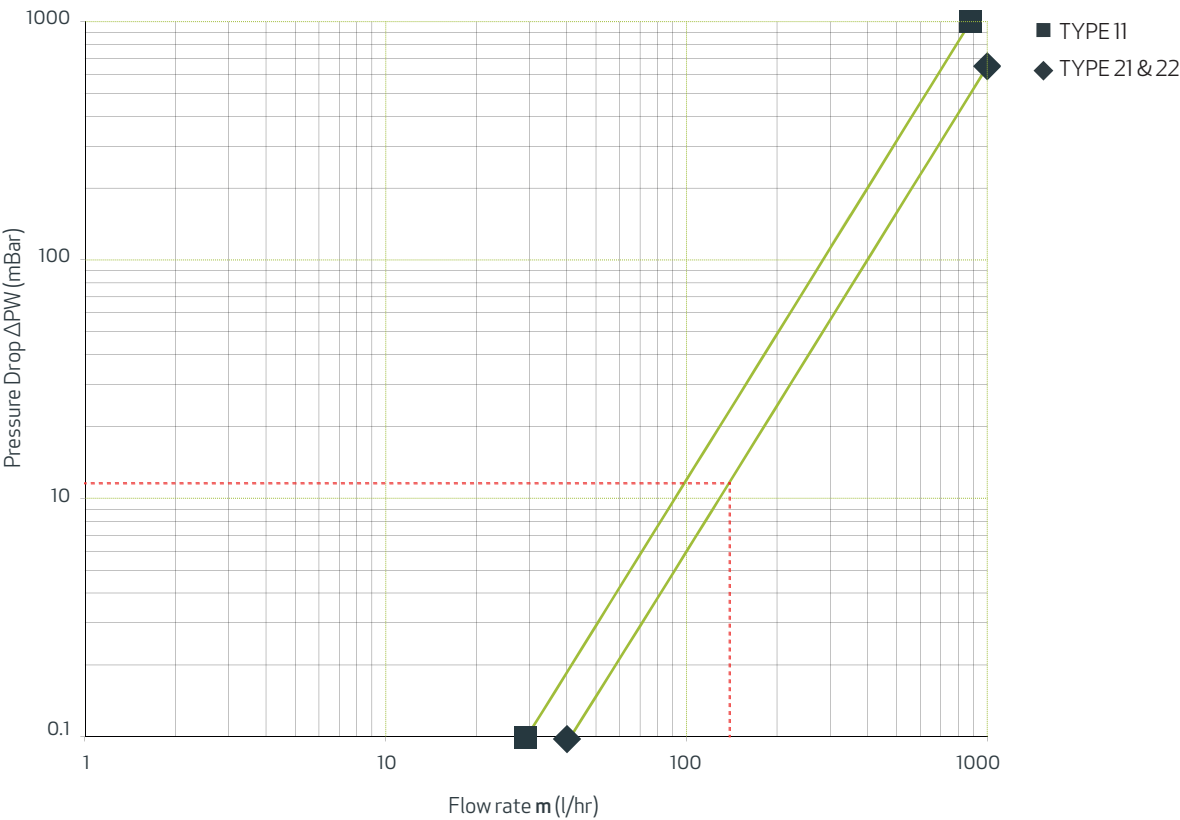
If the output is not at ΔT50 °C, please use the correction factor table on the previous page to get the correct output.

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 = $1799 / (4187 \times 10)$
m = 0.04297 (l/s)
x3600 (to convert from l/sec to l/h)
m = 154.7 l/h

Please refer to the resistance diagram which gives a value of approx 12m 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 (Primo), 600mm x 1000mm
Delta T of System (ΔT) =
39 ° C
Exponent ('n') =
1.34
Output @ Delta T50 =
1799(w)

Corrected Output =
1799 (w) x 0.7160 (Correction Factor) = 1288 (w) at ΔT39

Nominal Height	Length (mm)	Double Panel Double Fin		
		'n'	Watts ΔT50	Watts ΔT30
600mm	800	1.31	1439	724
	900		1619	815
	1000		1799	905
	1100		1979	996
	1200		2159	1086
	1300		2339	1177

Product example: Type 22 extracted from page 06.

Correction Factors

Primo

ΔT	TYPE 11 (SINGLE PANEL SINGLE FIN)					TYPE 21 (DOUBLE PANEL SINGLE FIN)					TYPE 22 (DOUBLE PANEL DOUBLE FIN)				
	H300	H400	H500	H600	H700	H300	H400	H500	H600	H700	H300	H400	H500	H600	H700
	Exponent 'n'														
	1.30	1.30	1.31	1.31	1.31	1.31	1.31	1.32	1.32	1.33	1.31	1.32	1.33	1.34	1.35
60	1.2670	1.2681	1.2691	1.2701	1.2701	1.2696	1.2705	1.2715	1.2724	1.2738	1.2703	1.2728	1.2753	1.2778	1.2797
59	1.2397	1.2406	1.2415	1.2424	1.2424	1.2419	1.2428	1.2436	1.2445	1.2457	1.2426	1.2448	1.2470	1.2492	1.2510
58	1.2125	1.2133	1.2141	1.2149	1.2149	1.2145	1.2152	1.2160	1.2167	1.2177	1.2150	1.2169	1.2189	1.2208	1.2224
57	1.1854	1.1861	1.1868	1.1875	1.1875	1.1871	1.1878	1.1884	1.1890	1.1900	1.1876	1.1893	1.1909	1.1926	1.1939
56	1.1585	1.1591	1.1597	1.1602	1.1602	1.1599	1.1605	1.1610	1.1616	1.1623	1.1603	1.1617	1.1632	1.1646	1.1657
55	1.1317	1.1322	1.1327	1.1331	1.1331	1.1329	1.1333	1.1338	1.1342	1.1349	1.1332	1.1344	1.1355	1.1367	1.1376
54	1.1051	1.1054	1.1058	1.1062	1.1062	1.1060	1.1063	1.1067	1.1071	1.1076	1.1063	1.1072	1.1081	1.1090	1.1097
53	1.0786	1.0789	1.0791	1.0794	1.0794	1.0793	1.0795	1.0798	1.0800	1.0804	1.0795	1.0801	1.0808	1.0815	1.0820
52	1.0522	1.0524	1.0526	1.0528	1.0528	1.0527	1.0529	1.0530	1.0532	1.0534	1.0528	1.0533	1.0537	1.0541	1.0545
51	1.0260	1.0261	1.0262	1.0263	1.0263	1.0263	1.0263	1.0264	1.0265	1.0266	1.0263	1.0265	1.0268	1.0270	1.0272
50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	0.9741	0.9740	0.9739	0.9739	0.9739	0.9739	0.9738	0.9737	0.9737	0.9735	0.9738	0.9736	0.9734	0.9732	0.9730
48	0.9484	0.9482	0.9480	0.9479	0.9479	0.9480	0.9478	0.9476	0.9475	0.9473	0.9478	0.9474	0.9470	0.9466	0.9463
47	0.9228	0.9226	0.9223	0.9221	0.9221	0.9222	0.9220	0.9217	0.9215	0.9212	0.9220	0.9214	0.9208	0.9202	0.9197
46	0.8974	0.8971	0.8967	0.8964	0.8964	0.8966	0.8963	0.8960	0.8957	0.8952	0.8964	0.8956	0.8948	0.8940	0.8933
45	0.8722	0.8718	0.8714	0.8709	0.8710	0.8712	0.8708	0.8704	0.8700	0.8695	0.8709	0.8699	0.8689	0.8679	0.8672
44	0.8471	0.8466	0.8461	0.8456	0.8457	0.8459	0.8455	0.8450	0.8446	0.8439	0.8456	0.8444	0.8433	0.8421	0.8412
43	0.8222	0.8216	0.8211	0.8205	0.8206	0.8208	0.8203	0.8198	0.8193	0.8186	0.8205	0.8191	0.8178	0.8165	0.8154
42	0.7975	0.7968	0.7962	0.7956	0.7956	0.7959	0.7954	0.7948	0.7942	0.7934	0.7955	0.7940	0.7925	0.7910	0.7899
41	0.7729	0.7722	0.7715	0.7708	0.7709	0.7712	0.7706	0.7699	0.7693	0.7684	0.7708	0.7691	0.7675	0.7658	0.7646
40	0.7485	0.7478	0.7470	0.7463	0.7463	0.7467	0.7460	0.7453	0.7446	0.7437	0.7462	0.7444	0.7426	0.7408	0.7394
39	0.7243	0.7235	0.7227	0.7219	0.7219	0.7223	0.7216	0.7209	0.7201	0.7191	0.7218	0.7199	0.7180	0.7160	0.7145
38	0.7003	0.6994	0.6986	0.6977	0.6978	0.6982	0.6974	0.6966	0.6958	0.6947	0.6976	0.6955	0.6935	0.6915	0.6899
37	0.6765	0.6756	0.6747	0.6737	0.6738	0.6742	0.6734	0.6726	0.6717	0.6706	0.6736	0.6714	0.6693	0.6671	0.6654
36	0.6528	0.6519	0.6509	0.6500	0.6500	0.6505	0.6496	0.6487	0.6478	0.6466	0.6498	0.6475	0.6453	0.6430	0.6412
35	0.6294	0.6284	0.6274	0.6264	0.6264	0.6269	0.6260	0.6251	0.6242	0.6229	0.6263	0.6239	0.6215	0.6191	0.6172
34	0.6061	0.6051	0.6041	0.6030	0.6031	0.6036	0.6026	0.6017	0.6007	0.5994	0.6029	0.6004	0.5979	0.5954	0.5935
33	0.5831	0.5820	0.5810	0.5799	0.5799	0.5805	0.5795	0.5785	0.5775	0.5761	0.5797	0.5771	0.5746	0.5720	0.5700
32	0.5603	0.5592	0.5581	0.5569	0.5570	0.5575	0.5565	0.5555	0.5545	0.5530	0.5568	0.5541	0.5515	0.5488	0.5468
31	0.5377	0.5365	0.5354	0.5342	0.5343	0.5348	0.5338	0.5327	0.5317	0.5302	0.5341	0.5313	0.5286	0.5259	0.5238
30	0.5153	0.5141	0.5129	0.5117	0.5118	0.5124	0.5113	0.5102	0.5091	0.5076	0.5116	0.5088	0.5060	0.5032	0.5011
29	0.4931	0.4919	0.4907	0.4895	0.4895	0.4901	0.4890	0.4879	0.4868	0.4853	0.4893	0.4865	0.4836	0.4808	0.4786
28	0.4711	0.4699	0.4687	0.4675	0.4675	0.4681	0.4670	0.4659	0.4648	0.4632	0.4673	0.4644	0.4615	0.4586	0.4564
27	0.4494	0.4481	0.4469	0.4457	0.4457	0.4464	0.4452	0.4441	0.4430	0.4414	0.4455	0.4426	0.4397	0.4367	0.4345
26	0.4279	0.4266	0.4254	0.4242	0.4242	0.4248	0.4237	0.4225	0.4214	0.4198	0.4240	0.4210	0.4181	0.4151	0.4129
25	0.4067	0.4054	0.4042	0.4029	0.4030	0.4036	0.4024	0.4013	0.4001	0.3985	0.4027	0.3997	0.3968	0.3938	0.3915
24	0.3857	0.3844	0.3832	0.3819	0.3820	0.3826	0.3814	0.3802	0.3791	0.3775	0.3817	0.3787	0.3758	0.3728	0.3705
23	0.3649	0.3637	0.3624	0.3612	0.3612	0.3618	0.3607	0.3595	0.3584	0.3568	0.3610	0.3580	0.3550	0.3521	0.3498
22	0.3445	0.3432	0.3420	0.3407	0.3408	0.3414	0.3402	0.3391	0.3379	0.3363	0.3405	0.3375	0.3346	0.3316	0.3294
21	0.3243	0.3230	0.3218	0.3205	0.3206	0.3212	0.3201	0.3189	0.3178	0.3162	0.3204	0.3174	0.3145	0.3115	0.3093
20	0.3044	0.3031	0.3019	0.3007	0.3007	0.3013	0.3002	0.2991	0.2979	0.2964	0.3005	0.2976	0.2947	0.2917	0.2895
19	0.2848	0.2835	0.2823	0.2811	0.2812	0.2818	0.2807	0.2795	0.2784	0.2769	0.2810	0.2780	0.2752	0.2723	0.2701
18	0.2655	0.2643	0.2631	0.2619	0.2619	0.2625	0.2614	0.2603	0.2592	0.2577	0.2617	0.2588	0.2560	0.2532	0.2511
17	0.2465	0.2453	0.2441	0.2430	0.2430	0.2436	0.2425	0.2414	0.2404	0.2389	0.2428	0.2400	0.2372	0.2345	0.2324
16	0.2278	0.2267	0.2255	0.2244	0.2244	0.2250	0.2240	0.2229	0.2218	0.2204	0.2242	0.2215	0.2188	0.2161	0.2141
15	0.2095	0.2084	0.2073	0.2062	0.2062	0.2068	0.2058	0.2047	0.2037	0.2023	0.2060	0.2034	0.2008	0.1982	0.1962

Correction Factors

Primo Plus

ΔT	TYPE 11 (SINGLE PANEL SINGLE FIN)					TYPE 21 (DOUBLE PANEL SINGLE FIN)					TYPE 22 (DOUBLE PANEL DOUBLE FIN)				
	H300	H400	H500	H600	H700	H300	H400	H500	H600	H700	H300	H400	H500	H600	H700
	Exponent 'n'														
	1.30	1.30	1.31	1.31	1.31	1.29	1.30	1.31	1.32	1.33	1.31	1.32	1.33	1.34	1.35
60	1.2670	1.2681	1.2691	1.2701	1.2701	1.2654	1.2675	1.2696	1.2718	1.2736	1.2700	1.2725	1.2750	1.2775	1.2787
59	1.2397	1.2406	1.2415	1.2424	1.2424	1.2382	1.2401	1.2420	1.2439	1.2455	1.2423	1.2445	1.2468	1.2490	1.2500
58	1.2125	1.2133	1.2141	1.2149	1.2149	1.2112	1.2129	1.2145	1.2162	1.2176	1.2148	1.2167	1.2187	1.2206	1.2215
57	1.1854	1.1861	1.1868	1.1875	1.1875	1.1843	1.1857	1.1872	1.1886	1.1898	1.1874	1.1891	1.1908	1.1924	1.1932
56	1.1585	1.1591	1.1597	1.1602	1.1602	1.1576	1.1588	1.1600	1.1612	1.1622	1.1602	1.1616	1.1630	1.1644	1.1651
55	1.1317	1.1322	1.1327	1.1331	1.1331	1.1309	1.1319	1.1329	1.1339	1.1347	1.1331	1.1342	1.1354	1.1366	1.1371
54	1.1051	1.1054	1.1058	1.1062	1.1062	1.1045	1.1052	1.1060	1.1068	1.1075	1.1062	1.1071	1.1080	1.1089	1.1093
53	1.0786	1.0789	1.0791	1.0794	1.0794	1.0781	1.0787	1.0793	1.0799	1.0803	1.0794	1.0801	1.0807	1.0814	1.0817
52	1.0522	1.0524	1.0526	1.0528	1.0528	1.0519	1.0523	1.0527	1.0531	1.0534	1.0528	1.0532	1.0537	1.0541	1.0543
51	1.0260	1.0261	1.0262	1.0263	1.0263	1.0259	1.0261	1.0263	1.0265	1.0266	1.0263	1.0265	1.0267	1.0270	1.0271
50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	0.9741	0.9740	0.9739	0.9739	0.9739	0.9743	0.9741	0.9739	0.9737	0.9736	0.9739	0.9737	0.9734	0.9732	0.9731
48	0.9484	0.9482	0.9480	0.9479	0.9479	0.9487	0.9483	0.9480	0.9476	0.9473	0.9479	0.9475	0.9471	0.9466	0.9465
47	0.9228	0.9226	0.9223	0.9221	0.9221	0.9232	0.9227	0.9222	0.9217	0.9212	0.9221	0.9215	0.9209	0.9202	0.9200
46	0.8974	0.8971	0.8967	0.8964	0.8964	0.8979	0.8973	0.8966	0.8959	0.8953	0.8964	0.8957	0.8948	0.8940	0.8937
45	0.8722	0.8718	0.8714	0.8709	0.8710	0.8728	0.8720	0.8711	0.8703	0.8696	0.8710	0.8700	0.8690	0.8680	0.8676
44	0.8471	0.8466	0.8461	0.8456	0.8457	0.8479	0.8469	0.8459	0.8449	0.8440	0.8457	0.8445	0.8434	0.8422	0.8417
43	0.8222	0.8216	0.8211	0.8205	0.8206	0.8231	0.8219	0.8208	0.8197	0.8187	0.8206	0.8193	0.8179	0.8166	0.8160
42	0.7975	0.7968	0.7962	0.7956	0.7956	0.7984	0.7972	0.7959	0.7946	0.7935	0.7957	0.7942	0.7927	0.7912	0.7905
41	0.7729	0.7722	0.7715	0.7708	0.7709	0.7740	0.7726	0.7712	0.7698	0.7686	0.7709	0.7693	0.7676	0.7660	0.7653
40	0.7485	0.7478	0.7470	0.7463	0.7463	0.7497	0.7482	0.7466	0.7451	0.7438	0.7464	0.7446	0.7428	0.7410	0.7402
39	0.7243	0.7235	0.7227	0.7219	0.7219	0.7256	0.7239	0.7223	0.7206	0.7193	0.7220	0.7201	0.7182	0.7162	0.7154
38	0.7003	0.6994	0.6986	0.6977	0.6978	0.7017	0.6999	0.6981	0.6964	0.6949	0.6978	0.6958	0.6937	0.6917	0.6907
37	0.6765	0.6756	0.6747	0.6737	0.6738	0.6779	0.6760	0.6742	0.6723	0.6708	0.6738	0.6717	0.6695	0.6673	0.6663
36	0.6528	0.6519	0.6509	0.6500	0.6500	0.6544	0.6524	0.6504	0.6485	0.6468	0.6501	0.6478	0.6455	0.6432	0.6422
35	0.6294	0.6284	0.6274	0.6264	0.6264	0.6310	0.6289	0.6269	0.6248	0.6231	0.6265	0.6241	0.6217	0.6193	0.6182
34	0.6061	0.6051	0.6041	0.6030	0.6031	0.6078	0.6057	0.6035	0.6014	0.5996	0.6031	0.6007	0.5982	0.5957	0.5946
33	0.5831	0.5820	0.5810	0.5799	0.5799	0.5848	0.5826	0.5804	0.5782	0.5763	0.5800	0.5774	0.5748	0.5723	0.5711
32	0.5603	0.5592	0.5581	0.5569	0.5570	0.5621	0.5598	0.5575	0.5552	0.5533	0.5571	0.5544	0.5517	0.5491	0.5479
31	0.5377	0.5365	0.5354	0.5342	0.5343	0.5395	0.5371	0.5348	0.5324	0.5305	0.5343	0.5316	0.5289	0.5262	0.5249
30	0.5153	0.5141	0.5129	0.5117	0.5118	0.5171	0.5147	0.5123	0.5099	0.5079	0.5119	0.5091	0.5063	0.5035	0.5022
29	0.4931	0.4919	0.4907	0.4895	0.4895	0.4950	0.4925	0.4900	0.4876	0.4856	0.4896	0.4868	0.4839	0.4811	0.4798
28	0.4711	0.4699	0.4687	0.4675	0.4675	0.4731	0.4705	0.4680	0.4655	0.4635	0.4676	0.4647	0.4618	0.4590	0.4576
27	0.4494	0.4481	0.4469	0.4457	0.4457	0.4514	0.4488	0.4463	0.4437	0.4416	0.4458	0.4429	0.4400	0.4371	0.4357
26	0.4279	0.4266	0.4254	0.4242	0.4242	0.4299	0.4273	0.4248	0.4222	0.4201	0.4243	0.4213	0.4184	0.4155	0.4141
25	0.4067	0.4054	0.4042	0.4029	0.4030	0.4087	0.4061	0.4035	0.4009	0.3988	0.4030	0.4001	0.3971	0.3941	0.3928
24	0.3857	0.3844	0.3832	0.3819	0.3820	0.3877	0.3851	0.3825	0.3799	0.3778	0.3820	0.3791	0.3761	0.3731	0.3717
23	0.3649	0.3637	0.3624	0.3612	0.3612	0.3670	0.3643	0.3618	0.3592	0.3570	0.3613	0.3583	0.3553	0.3524	0.3510
22	0.3445	0.3432	0.3420	0.3407	0.3408	0.3465	0.3439	0.3413	0.3387	0.3366	0.3409	0.3379	0.3349	0.3320	0.3306
21	0.3243	0.3230	0.3218	0.3205	0.3206	0.3263	0.3237	0.3211	0.3186	0.3165	0.3207	0.3177	0.3148	0.3119	0.3105
20	0.3044	0.3031	0.3019	0.3007	0.3007	0.3064	0.3038	0.3013	0.2987	0.2966	0.3008	0.2979	0.2949	0.2921	0.2907
19	0.2848	0.2835	0.2823	0.2811	0.2812	0.2867	0.2842	0.2817	0.2792	0.2771	0.2813	0.2784	0.2755	0.2726	0.2713
18	0.2655	0.2643	0.2631	0.2619	0.2619	0.2674	0.2649	0.2624	0.2600	0.2579	0.2620	0.2592	0.2563	0.2535	0.2522
17	0.2465	0.2453	0.2441	0.2430	0.2430	0.2484	0.2459	0.2435	0.2411	0.2391	0.2431	0.2403	0.2375	0.2348	0.2335
16	0.2278	0.2267	0.2255	0.2244	0.2244	0.2297	0.2273	0.2249	0.2226	0.2206	0.2245	0.2218	0.2191	0.2164	0.2152
15	0.2095	0.2084	0.2073	0.2062	0.2062	0.2113	0.2090	0.2067	0.2044	0.2025	0.2063	0.2037	0.2010	0.1985	0.1973



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