Merriott

Profile

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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Profile

Merriott Profile radiators are modern column radiators that offer a high quality, robust design with a high heat output and a low water content. They are available in various configurations to suit the output, space and style required; they can be in a single-sided or double-sided configuration, horizontal or vertical, with flat steel tubes of either 35mm or 70mm depth.

OUTPUTS
All Merriott Profile radiators have been manufactured and tested in accordance with EN442.

FINISH
Every Merriott Profile 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.

COLOUR
Our standard finish is semi-gloss RAL 9016 (white) in epoxy polyester powder.

An extensive range of other RAL colours are available on request.

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" with 1/2" blank plug and vent.

3/4" connections also available.

Please see pages 18-19 for all connection options.

TESTING
The standard test pressure is 7 Bar giving a maximum operating pressure of 5.38 Bar.

DIMENSIONAL TOLERANCES
Dimensional tolerances are in accordance with EN442.

MATERIALS
Merriott Profile radiators are manufactured from flat steel tubes, 70mm x 11mm, or 35mm x 11mm with a standard thickness of 1.5mm.

MOUNTING
Mounting supports at the rear of the radiator fix securely to wall-mounted brackets.

Floor-mounted supports (feet) are available on request and should be specified at quotation.

Please see pages 14-15 for all mounting information and options.

ELEMENT PITCH
An element pitch of 35mm is standard on S35 & D35 models (which use a 35mm deep tube). An element pitch of 40mm is standard on S70 & D70 models (which use a 70mm deep tube).

BAFFLE PLACEMENT
Vertical Profile radiators that have connection GH, EF, AC, or BD will have a fully sealed baffle in the flow/return header. Installation sheets are supplied with each radiator to show the baffle location. Full connection information is available on pages 18-19 .

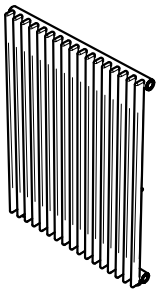
WARRANTY
Merriott radiators are guaranteed for a period of 10 years from date of purchase in respect of defective materials and workmanship. The system should be designed in accordance with British Standard Code of Practice for Water Based Heating Systems in Buildings **BS EN 12828:2012+A1:2014** and **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

HORIZONTAL MODELS

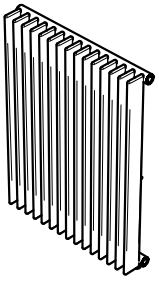
S35

Standard heights:
from 500mm to 900mm
Standard lengths:
from 280mm to 1975mm



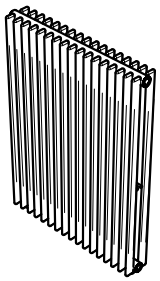
S70

Standard heights:
from 500mm to 900mm
Standard lengths:
from 280mm to 2000mm



D35

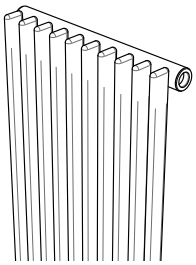
Standard heights:
from 500mm to 900mm
Standard lengths:
from 280mm to 1975mm



VERTICAL MODELS

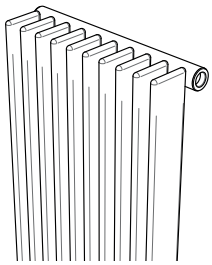
S35

Standard heights:
from 1000mm to 2200mm
Standard lengths:
from 280mm to 700mm



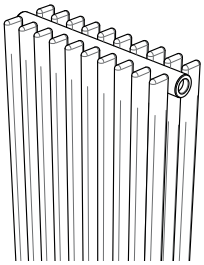
S70

Standard heights:
from 1000mm to 2200mm
Standard lengths:
from 280mm to 720mm



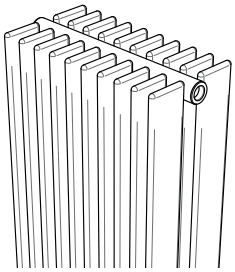
D35

Standard heights:
from 1000mm to 2200mm
Standard lengths:
from 280mm to 700mm



D70

Standard heights:
from 1000mm to 2200mm
Standard lengths:
from 280mm to 720mm



Heat Outputs

S35 & D35 Horizontal models: height 500-900mm

Height (mm)		500				600			
Style		S35		D35		S35		D35	
Depth (mm) excl. brackets		66.5		98		66.5		98	
'n'		1.27		1.33		1.27		1.33	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	8	209	109	338	171	244	128	397	202
315	9	235	123	380	193	274	143	446	227
350	10	261	136	422	214	305	159	496	252
385	11	287	150	464	235	335	175	546	277
420	12	313	164	506	257	366	191	595	302
455	13	339	177	549	278	396	207	645	328
490	14	365	191	591	300	427	223	695	353
525	15	391	205	633	321	457	239	744	378
560	16	417	218	675	342	488	255	794	403
595	17	443	232	717	364	518	271	843	428
630	18	469	246	760	385	549	287	893	454
665	19	495	259	802	407	579	303	943	479
700	20	522	273	844	428	610	319	992	504
735	21	548	287	886	449	640	335	1042	529
770	22	574	300	929	471	671	351	1091	554
805	23	600	314	971	492	701	367	1141	579
840	24	626	328	1013	514	732	383	1191	605
875	25	652	341	1055	535	762	398	1240	630
910	26	678	355	1097	556	793	414	1290	655
945	27	704	369	1140	578	823	430	1339	680
980	28	730	382	1182	599	854	446	1389	705
1015	29	756	396	1224	621	884	462	1439	731
1050	30	782	409	1266	642	915	478	1488	756
1085	31	808	423	1308	663	945	494	1538	781
1120	32	835	437	1351	685	976	510	1588	806
1155	33	861	450	1393	706	1006	526	1637	831
1190	34	887	464	1435	728	1037	542	1687	857
1225	35	913	478	1477	749	1067	558	1736	882
1260	36	939	491	1519	770	1098	574	1786	907
1295	37	965	505	1562	792	1128	590	1836	932
1330	38	991	519	1604	813	1159	606	1885	957
1365	39	1017	532	1646	835	1189	622	1935	983
1400	40	1043	546	1688	856	1219	638	1984	1008
1435	41	1069	560	1730	877	1250	654	2034	1033
1470	42	1095	573	1773	899	1280	669	2084	1058
1505	43	1121	587	1815	920	1311	685	2133	1083
1540	44	1147	601	1857	942	1341	701	2183	1109
1575	45	1174	614	1899	963	1372	717	2232	1134
1610	46	1200	628	1941	984	1402	733	2282	1159
1645	47	1226	641	1984	1006	1433	749	2332	1184
1680	48	1252	655	2026	1027	1463	765	2381	1209
1715	49	1278	669	2068	1049	1494	781	2431	1235
1750	50	1304	682	2110	1070	1524	797	2481	1260
1785	51	1330	696	2152	1091	1555	813	2530	1285
1820	52	1356	710	2195	1113	1585	829	2580	1310
1890	54	1408	737	2279	1156	1646	861	2679	1361
1925	55	1434	751	2321	1177	1677	877	2729	1386
1960	56	1460	764	2363	1198	1707	893	2778	1411
1995	57	1486	778	2406	1220	1738	909	2828	1436

Height (mm)		700				800				900			
Style		S35		D35		S35		D35		S35		D35	
Depth (mm) excl. brackets		66.5		98		66.5		98		66.5		98	
'n'		1.27		1.32		1.27		1.32		1.28		1.32	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	8	279	146	454	231	313	163	510	260	347	181	564	287
315	9	314	164	511	260	352	184	573	292	391	204	634	323
350	10	348	182	568	289	391	204	637	325	434	226	704	359
385	11	383	200	625	318	431	225	701	357	478	249	775	395
420	12	418	218	681	347	470	245	765	389	521	272	845	431
455	13	453	237	738	375	509	265	828	422	564	294	916	467
490	14	488	255	795	404	548	286	892	454	608	317	986	503
525	15	523	273	852	433	587	306	956	487	651	339	1057	539
560	16	557	291	908	462	626	327	1019	519	695	362	1127	575
595	17	592	309	965	491	665	347	1083	552	738	385	1198	611
630	18	627	327	1022	520	704	368	1147	584	781	407	1268	647
665	19	662	346	1079	549	744	388	1211	617	825	430	1338	683
700	20	697	364	1135	578	783	408	1274	649	868	453	1409	719

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.

Heat Outputs

S35 & D35 Vertical models: height 1000-1500mm

Height (mm)		1000				1100			
Style		S35		D35		S35		D35	
Depth (mm) excl. brackets		66.5		98		66.5		98	
'n'		1.28		1.31		1.28		1.31	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	8	381	199	616	315	415	216	666	341
315	9	429	223	693	354	467	243	750	384
350	10	477	248	770	393	519	270	833	426
385	11	524	273	847	433	571	297	916	469
420	12	572	298	924	472	623	324	1000	511
455	13	620	323	1001	511	675	351	1083	554
490	14	667	348	1078	551	727	378	1166	597
525	15	715	372	1154	590	779	405	1249	639
560	16	763	397	1231	629	831	432	1333	682
595	17	810	422	1308	668	883	459	1416	725
630	18	858	447	1385	708	935	486	1499	767
665	19	906	472	1462	747	987	513	1583	810
700	20	953	496	1539	786	1039	540	1666	852

Height (mm)		1200				1300			
Style		S35		D35		S35		D35	
Depth (mm) excl. brackets		66.5		98		66.5		98	
'n'		1.28		1.31		1.28		1.31	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	8	449	234	716	367	483	251	763	392
315	9	506	263	805	412	544	282	859	441
350	10	562	292	894	458	604	314	954	490
385	11	618	321	984	504	665	345	1049	539
420	12	674	350	1073	550	725	376	1145	588
455	13	730	379	1163	596	786	408	1240	636
490	14	786	409	1252	642	846	439	1336	685
525	15	843	438	1342	687	906	471	1431	734
560	16	899	467	1431	733	967	502	1526	783
595	17	955	496	1520	779	1027	533	1622	832
630	18	1011	525	1610	825	1088	565	1717	881
665	19	1067	555	1699	871	1148	596	1813	930
700	20	1124	584	1789	917	1209	627	1908	979

Height (mm)		1400				1500			
Style		S35		D35		S35		D35	
Depth (mm) excl. brackets		66.5		98		66.5		98	
'n'		1.29		1.30		1.29		1.30	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	8	518	268	810	416	552	286	854	440
315	9	582	302	911	468	621	322	961	495
350	10	647	335	1012	520	690	357	1068	550
385	11	712	369	1113	572	759	393	1175	605
420	12	776	403	1214	624	828	429	1282	660
455	13	841	436	1315	676	897	464	1389	715
490	14	906	470	1417	728	966	500	1495	770
525	15	970	503	1518	780	1035	536	1602	825
560	16	1035	537	1619	832	1104	572	1709	880
595	17	1100	570	1720	884	1173	607	1816	935
630	18	1164	604	1821	936	1241	643	1923	990
665	19	1229	637	1923	988	1310	679	2029	1045
700	20	1294	671	2024	1040	1379	715	2136	1100

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.

Heat Outputs

S35 & D35 Vertical models: height 1600-2200mm

Height (mm)		1600				1700			
Style		S35		D35		S35		D35	
Depth (mm) excl. brackets		66.5		98		66.5		98	
'n'		1.29		1.30		1.29		1.29	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	8	586	303	898	463	621	321	940	486
315	9	659	341	1010	521	698	361	1058	546
350	10	733	379	1123	579	776	401	1176	607
385	11	806	417	1235	637	853	441	1293	668
420	12	879	455	1347	694	931	481	1411	728
455	13	952	493	1459	752	1009	521	1528	789
490	14	1026	531	1572	810	1086	561	1646	850
525	15	1099	569	1684	868	1164	602	1763	910
560	16	1172	607	1796	926	1241	642	1881	971
595	17	1246	645	1908	984	1319	682	1999	1032
630	18	1319	682	2021	1042	1396	722	2116	1092
665	19	1392	720	2133	1100	1474	762	2234	1153
700	20	1465	758	2245	1157	1552	802	2351	1214

Height (mm)		1800				1900			
Style		S35		D35		S35		D35	
Depth (mm) excl. brackets		66.5		98		66.5		98	
'n'		1.29		1.29		1.30		1.29	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	8	655	338	982	508	690	356	1022	529
315	9	737	381	1104	571	776	401	1149	595
350	10	819	423	1227	634	863	445	1277	661
385	11	901	465	1350	698	949	490	1405	727
420	12	983	508	1472	761	1035	534	1532	794
455	13	1065	550	1595	825	1122	579	1660	860
490	14	1147	592	1718	888	1208	623	1788	926
525	15	1229	635	1841	952	1294	668	1915	992
560	16	1311	677	1963	1015	1380	712	2043	1058
595	17	1393	719	2086	1079	1467	757	2171	1124
630	18	1474	761	2209	1142	1553	801	2299	1190
665	19	1556	804	2331	1205	1639	846	2426	1256
700	20	1638	846	2454	1269	1726	890	2554	1323

Height (mm)		2000				2100				2200			
Style		S35		D35		S35		D35		S35		D35	
Depth (mm) excl. brackets		66.5		98		66.5		98		66.5		98	
'n'		1.30		1.29		1.30		1.28		1.30		1.28	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	8	725	374	1060	550	761	392	1098	570	796	410	1134	590
315	9	816	421	1193	619	856	441	1235	642	896	461	1276	664
350	10	907	467	1325	687	951	490	1372	713	995	512	1418	738
385	11	997	514	1458	756	1046	538	1510	784	1095	563	1560	811
420	12	1088	561	1590	825	1141	587	1647	855	1194	614	1702	885
455	13	1179	607	1723	894	1236	636	1784	927	1294	665	1843	959
490	14	1269	654	1856	962	1331	685	1921	998	1394	717	1985	1033
525	15	1360	701	1988	1031	1426	734	2059	1069	1493	768	2127	1106
560	16	1451	748	2121	1100	1521	783	2196	1140	1593	819	2269	1180
595	17	1541	794	2253	1169	1616	832	2333	1212	1692	870	2411	1254
630	18	1632	841	2386	1237	1712	881	2470	1283	1792	921	2553	1328
665	19	1723	888	2518	1306	1807	930	2608	1354	1891	973	2694	1401
700	20	1813	934	2651	1375	1902	979	2745	1426	1991	1024	2836	1475

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.

Heat Outputs

S70 Horizontal models: height 500-900mm

Height (mm)		500		600	
Style		S70		S70	
Depth (mm) excl. brackets		101.5		101.5	
'n'		1.27		1.27	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30
280	7	268	140	312	163
320	8	306	160	356	186
360	9	344	180	401	209
400	10	382	200	446	233
440	11	420	220	490	256
480	12	459	240	535	279
520	13	497	260	579	302
560	14	535	280	624	326
600	15	573	300	668	349
640	16	612	320	713	372
680	17	650	340	757	395
720	18	688	360	802	419
760	19	726	380	847	442
800	20	764	399	891	465
840	21	803	419	936	488
880	22	841	439	980	512
920	23	879	459	1025	535
960	24	917	479	1069	558
1000	25	956	499	1114	581
1040	26	994	519	1158	605
1080	27	1032	539	1203	628
1120	28	1070	559	1248	651
1160	29	1108	579	1292	675
1200	30	1147	599	1337	698
1240	31	1185	619	1381	721
1280	32	1223	639	1426	744
1320	33	1261	659	1470	768
1360	34	1300	679	1515	791
1400	35	1338	699	1559	814
1440	36	1376	719	1604	837
1480	37	1414	739	1649	861
1520	38	1453	759	1693	884
1560	39	1491	779	1738	907
1600	40	1529	799	1782	930
1640	41	1567	819	1827	954
1680	42	1605	839	1871	977
1720	43	1644	859	1916	1000
1760	44	1682	879	1961	1023
1800	45	1720	899	2005	1047
1840	46	1758	919	2050	1070
1880	47	1797	939	2094	1093
1920	48	1835	959	2139	1116
1960	49	1873	979	2183	1140
2000	50	1911	999	2228	1163

Height (mm)		700		800		900	
Style		S70		S70		S70	
Depth (mm) excl. brackets		101.5		101.5		101.5	
'n'		1.27		1.28		1.28	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	7	356	185	399	208	441	230
320	8	406	212	456	237	504	262
360	9	457	238	512	267	567	295
400	10	508	265	569	297	630	328
440	11	559	291	626	326	694	361
480	12	609	318	683	356	757	394
520	13	660	344	740	386	820	427
560	14	711	371	797	415	883	459
600	15	762	397	854	445	946	492
640	16	813	424	911	475	1009	525
680	17	863	450	968	504	1072	558
720	18	914	477	1025	534	1135	591

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.

Heat Outputs

S70 & D70 Vertical models: height 1000-1500mm

Height (mm)		1000				1100			
Style		S70		D70		S70		D70	
Depth (mm) excl. brackets		101.5		168		101.5		168	
'n'		1.28		1.31		1.28		1.31	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	7	484	252	825	423	526	273	898	460
320	8	553	287	943	484	601	312	1026	525
360	9	622	323	1061	544	677	351	1154	591
400	10	691	359	1179	604	752	390	1282	657
440	11	760	395	1297	665	827	429	1411	722
480	12	829	431	1415	725	902	468	1539	788
520	13	899	467	1533	786	977	507	1667	854
560	14	968	503	1651	846	1052	547	1795	919
600	15	1037	539	1769	907	1128	586	1923	985
640	16	1106	575	1887	967	1203	625	2052	1050
680	17	1175	611	2005	1027	1278	664	2180	1116
720	18	1244	647	2122	1088	1353	703	2308	1182

Height (mm)		1200				1300			
Style		S70		D70		S70		D70	
Depth (mm) excl. brackets		101.5		168		101.5		168	
'n'		1.28		1.31		1.29		1.31	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	7	568	295	970	496	611	317	1042	532
320	8	650	337	1108	567	698	362	1191	608
360	9	731	379	1247	638	785	407	1340	684
400	10	812	421	1385	709	873	452	1488	760
440	11	893	463	1524	779	960	497	1637	836
480	12	975	506	1662	850	1047	543	1786	913
520	13	1056	548	1801	921	1134	588	1935	989
560	14	1137	590	1940	992	1222	633	2084	1065
600	15	1218	632	2078	1063	1309	678	2233	1141
640	16	1299	674	2217	1134	1396	724	2382	1217
680	17	1381	716	2355	1205	1483	769	2530	1293
720	18	1462	758	2494	1275	1571	814	2679	1369

Height (mm)		1400				1500			
Style		S70		D70		S70		D70	
Depth (mm) excl. brackets		101.5		168		101.5		168	
'n'		1.29		1.32		1.29		1.32	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	7	653	338	1114	569	696	360	1187	605
320	8	746	386	1273	650	795	411	1356	691
360	9	840	435	1433	731	894	462	1526	778
400	10	933	483	1592	812	994	514	1695	864
440	11	1026	531	1751	894	1093	565	1865	951
480	12	1120	580	1910	975	1192	617	2034	1037
520	13	1213	628	2069	1056	1292	668	2204	1124
560	14	1306	676	2229	1137	1391	719	2374	1210
600	15	1400	725	2388	1218	1490	771	2543	1296
640	16	1493	773	2547	1300	1590	822	2713	1383
680	17	1586	821	2706	1381	1689	874	2882	1469
720	18	1679	869	2865	1462	1789	925	3052	1556

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.

Heat Outputs

S70 & D70 Vertical models: height 1600-2200mm

Height (mm)		1600				1700			
Style		S70		D70		S70		D70	
Depth (mm) excl. brackets		101.5		168		101.5		168	
'n'		1.29		1.32		1.29		1.32	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	7	738	381	1260	641	781	403	1333	678
320	8	844	436	1439	733	892	461	1523	775
360	9	949	490	1619	825	1004	518	1713	872
400	10	1054	545	1799	916	1115	576	1904	968
440	11	1160	599	1979	1008	1227	633	2094	1065
480	12	1265	654	2159	1099	1339	691	2285	1162
520	13	1371	708	2339	1191	1450	748	2475	1259
560	14	1476	763	2519	1283	1562	806	2665	1356
600	15	1582	817	2699	1374	1673	864	2856	1453
640	16	1687	872	2879	1466	1785	921	3046	1549
680	17	1793	926	3059	1558	1896	979	3236	1646
720	18	1898	981	3239	1649	2008	1036	3427	1743

Height (mm)		1800				1900			
Style		S70		D70		S70		D70	
Depth (mm) excl. brackets		101.5		168		101.5		168	
'n'		1.30		1.33		1.30		1.33	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	7	824	425	1406	714	867	446	1480	751
320	8	941	485	1607	816	991	510	1691	858
360	9	1059	546	1808	919	1115	574	1903	966
400	10	1177	607	2009	1021	1238	638	2114	1073
440	11	1294	667	2210	1123	1362	702	2326	1180
480	12	1412	728	2410	1225	1486	765	2537	1288
520	13	1530	789	2611	1327	1610	829	2749	1395
560	14	1648	849	2812	1429	1734	893	2960	1502
600	15	1765	910	3013	1531	1858	957	3171	1610
640	16	1883	971	3214	1633	1981	1021	3383	1717
680	17	2001	1031	3415	1735	2105	1084	3594	1824
720	18	2118	1092	3616	1837	2229	1148	3806	1932

Height (mm)		2000				2100				2200			
Style		S70		D70		S70		D70		S70		D70	
Depth (mm) excl. brackets		101.5		168		101.5		168		101.5		168	
'n'		1.30		1.33		1.30		1.33		1.31		1.33	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
280	7	910	468	1554	788	954	490	1629	825	998	512	1705	862
320	8	1040	535	1776	901	1090	560	1862	943	1140	586	1948	986
360	9	1170	602	1998	1013	1226	630	2095	1061	1283	659	2192	1109
400	10	1300	669	2221	1126	1363	700	2327	1179	1426	732	2435	1232
440	11	1430	736	2443	1238	1499	770	2560	1297	1568	805	2679	1355
480	12	1560	803	2665	1351	1635	840	2793	1414	1711	878	2922	1478
520	13	1691	870	2887	1463	1772	911	3026	1532	1853	951	3166	1601
560	14	1821	937	3109	1576	1908	981	3258	1650	1996	1025	3409	1725
600	15	1951	1004	3331	1689	2044	1051	3491	1768	2138	1098	3653	1848
640	16	2081	1070	3553	1801	2180	1121	3724	1886	2281	1171	3896	1971
680	17	2211	1137	3775	1914	2317	1191	3957	2004	2423	1244	4140	2094
720	18	2341	1204	3997	2026	2453	1261	4189	2122	2566	1317	4383	2217

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.

Heat Outputs

Watts per element

HORIZONTAL MODELS

Type	S35	D35	S70
Height (mm)	Output in Watts per element		
500	26.1	42.2	38.2
600	30.5	49.6	44.6
700	34.8	56.8	50.8
800	39.1	63.7	56.9
900	43.4	70.4	63.0

VERTICAL MODELS

Type	S35	D35	S70	D70
Height (mm)	Output in Watts per element			
1000	47.7	77.0	69.1	118
1100	51.9	83.3	75.2	128
1200	56.2	89.4	81.2	139
1300	60.4	95.4	87.3	149
1400	64.7	101	93.3	159
1500	69.0	107	99.4	170
1600	73.3	112	105	180
1700	77.6	118	112	190
1800	81.9	123	118	201
1900	86.3	128	124	211
2000	90.7	133	130	222
2100	95.1	137	136	233
2200	99.5	142	143	244

Weights and Water Contents

Per element

HORIZONTAL MODELS

Type	S35		D35		S70	
Height (mm)	Water Content (l)	Dry Weight (kg)	Water Content (l)	Dry Weight (kg)	Water Content (l)	Dry Weight (kg)
500	0.19	0.50	0.33	0.97	0.31	0.90
600	0.21	0.58	0.38	1.15	0.36	1.06
700	0.23	0.66	0.43	1.32	0.40	1.22
800	0.26	0.74	0.48	1.50	0.45	1.38
900	0.28	0.82	0.53	1.67	0.50	1.54

VERTICAL MODELS

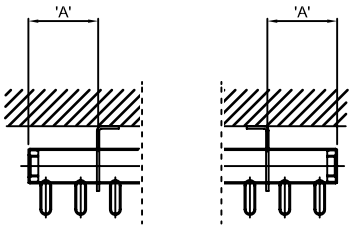
Type	S35		D35		S70		D70	
Height (mm)	Water Content (l)	Dry Weight (kg)	Water Content (l)	Dry Weight (kg)	Water Content (l)	Dry Weight (kg)	Water Content (l)	Dry Weight (kg)
1000	0.31	0.90	0.59	1.85	0.55	1.70	1.11	3.72
1100	0.33	0.98	0.64	2.08	0.60	1.86	1.21	4.08
1200	0.36	1.06	0.69	2.32	0.65	2.02	1.32	4.45
1300	0.38	1.14	0.74	2.42	0.69	2.18	1.42	4.81
1400	0.40	1.22	0.80	2.52	0.74	2.34	1.53	5.18
1500	0.43	1.30	0.85	2.70	0.79	2.50	1.63	5.54
1600	0.45	1.38	0.90	2.88	0.84	2.66	1.74	5.91
1700	0.48	1.46	0.95	3.11	0.89	2.82	1.84	6.27
1800	0.50	1.54	1.00	3.35	0.94	2.98	1.94	6.64
1900	0.52	1.62	1.06	3.57	0.98	3.14	2.05	7.01
2000	0.55	1.70	1.11	3.80	1.03	3.30	2.15	7.38
2100	0.57	1.78	1.16	3.97	1.08	3.46	2.26	7.74
2200	0.60	1.86	1.21	4.15	1.13	3.62	2.36	8.11

Mounting Details

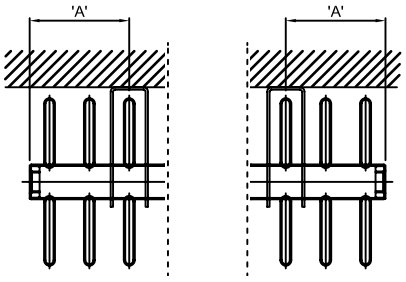
Wall mounting options

All Merriott's Profile radiators are supplied as standard with wall-mounting brackets.
The D70 requires a deeper bracket.

END TO CENTRE OF WALL BRACKET TYPES: S35, D35, S70

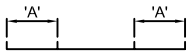


END TO CENTRE OF WALL BRACKET TYPE: D70

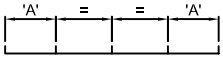


WALL BRACKET POSITION

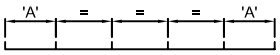
Length	'A' (mm)
S35 (35mm PITCH)	70
D35 (35mm PITCH)	70
S70 (40mm PITCH)	80
D70 (40mm PITCH)	100
S70 (45mm PITCH)	100
D70 (45mm PITCH)	125



LENGTH <= 1000mm



1000mm > LENGTH <= 2000mm



2000mm > LENGTH <= 2200mm

Mounting Details

Floor mounting options

All floor mounting options are manufactured to match the same paint finish as your specified Profile (standard RAL 9016, other RAL colours available on request).

The Profile range offers a variety of floor mounting options depending on your installation. The number of feet required varies depending on the length of the radiator; for radiators up to 1200mm long, 2 feet are required, lengths of 1201mm - 2400mm require 3 feet and those of 2401mm - 3000mm long require 4 feet.

- Feet can be of any height with a minimum of 50mm
- Floor-mounted Profiles exceeding 500mm high (radiator and feet included) require top support brackets for stability
- Feet must be specified at the time of order

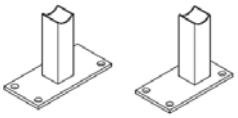
For any special requirements, contact the Merriott Sales Office.

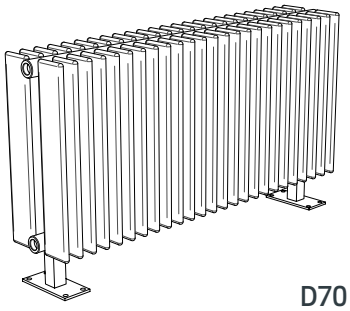
WELDED FEET

- Available for all Profile radiators
- Loose feet are fitted or retrofitted using a metal strap bolted on to the foot plate

Part Numbers:

Welded feet
S35 & S70: SUF006-100
D35: SUF045-100
D70: SUF005-100





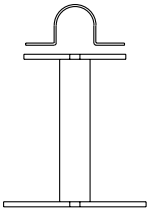
D70

LOOSE FEET

- Available for all Profile radiators
- Aides wall integrity against the weight of the radiator
- Feet secured to the floor and strapped over radiator header tube for stability
- Standard foot height is 100mm (other options available from 50mm)

Part Numbers:
S35: SUF043-100
S70: SUF044-100
D35: SUF040-100
D70: SUF041-100

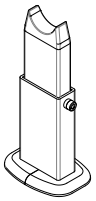
Top Strap:
SUF046-TCR - S35 & S70
SUF042-TCR - D35 & D70



DESIGN FEET:

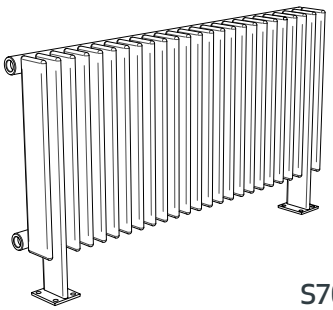
- Available for all Profile radiators
- Sold individually

Part Numbers:
DESFOOT



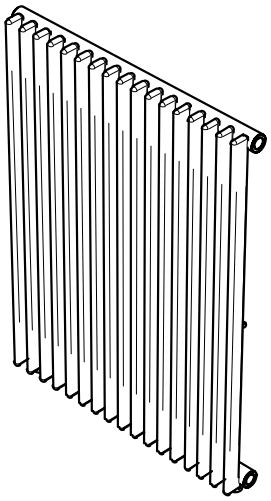
EXTENDED ELEMENT FEET:

- Available for all Profile radiators
- Ideal for concealing pipe work under raised access floor
- For extended element applications, please contact the Merriott Sales Office

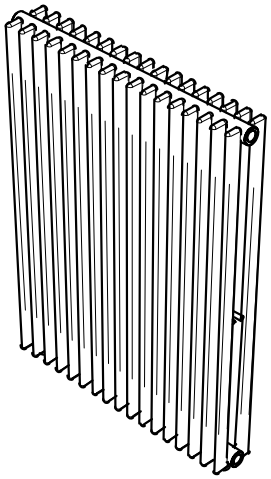


S70

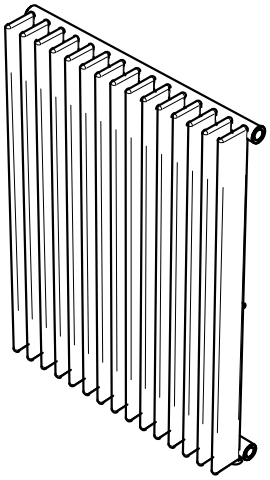
Dimensional Information



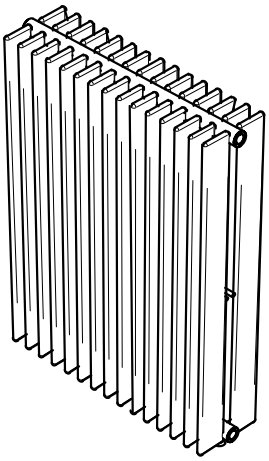
S35



D35



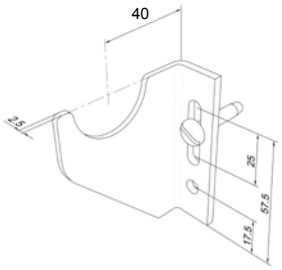
S70



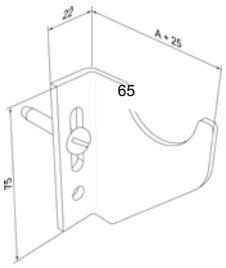
D70

S35 & S70 BRACKETS:

Part Numbers:
DESS70K2

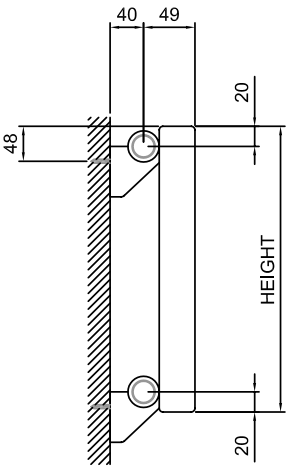


Left wall bracket



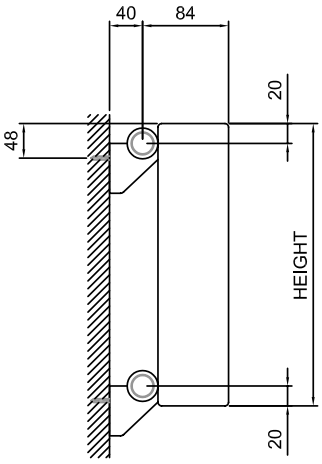
Right wall bracket

S35



Total Depth 89mm

S70

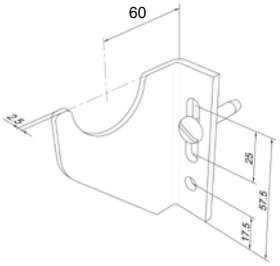


Total Depth 124mm

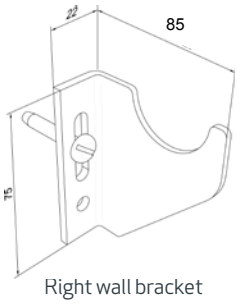
Dimensional Information

D35 BRACKETS:

Part Numbers:
DESD35K1/K2

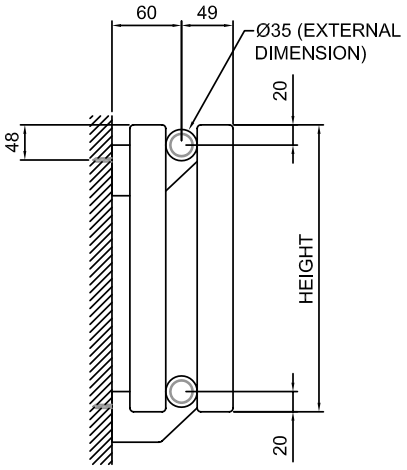


Left wall bracket



Right wall bracket

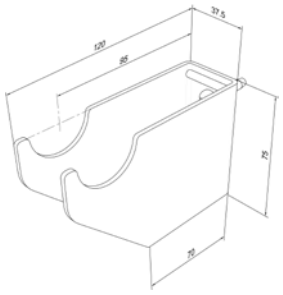
D35



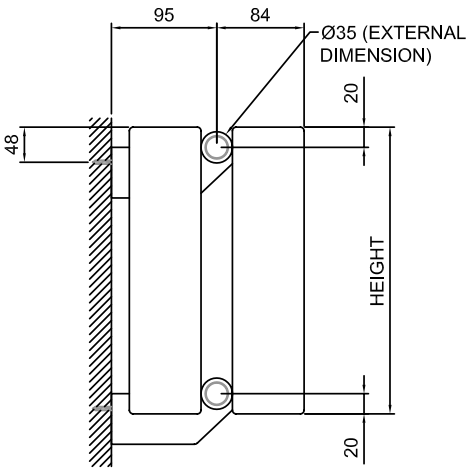
Total Depth 109mm

D70 BRACKETS:

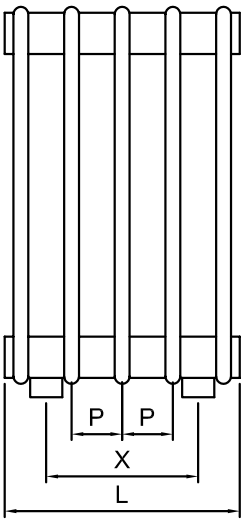
Part Numbers:
DESD70K1



D70



Total Depth 179mm



P = Pitch = 35mm (S&D35)
40/50mm (S&D70)
L = Length
X = Centre To Centre Connection = Length - 2 x P

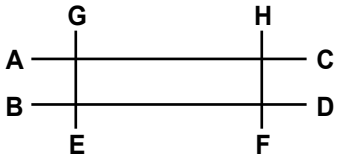
Connection Options

Horizontal models

CONNECTION VARIATIONS

- A, B, C, D, E, F, G and H are connection positions
- Other connection configurations are available on request

CONNECTION LADDER



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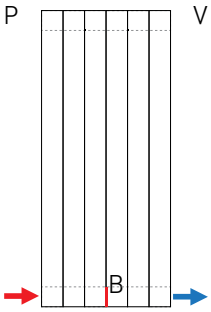

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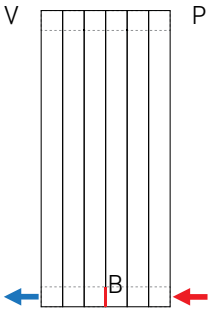
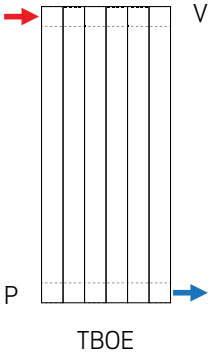


Key

P	=	Plug
V	=	Vent
→	=	Flow
←	=	Return
BOE	=	Bottom Opposite End
TBSE	=	Top Bottom Same End
TBOE	=	Top Bottom Opposite End
TOE	=	Top Opposite End
BBOE	=	Bottom Bottom Opposite End
TTOE	=	Top Top Opposite End

ADBC



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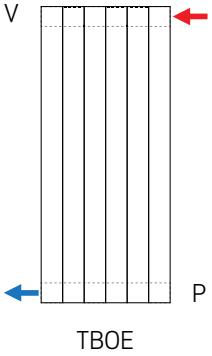

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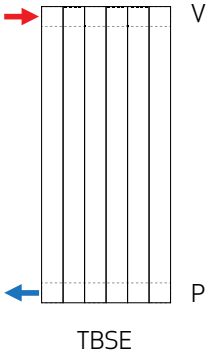

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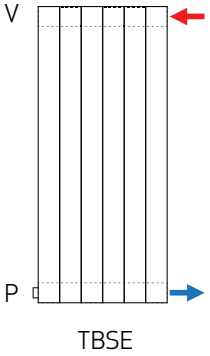
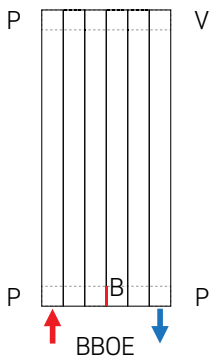


EFABCD (Standard)



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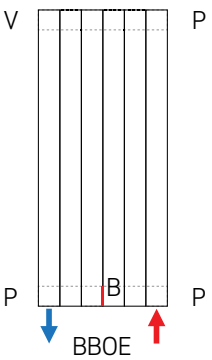

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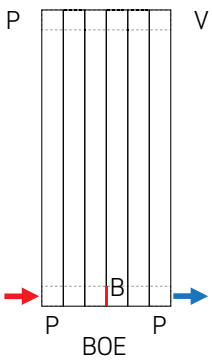

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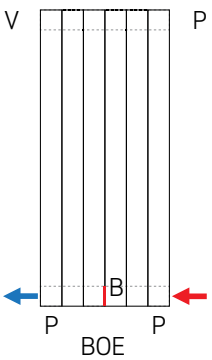
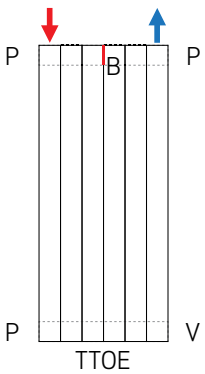


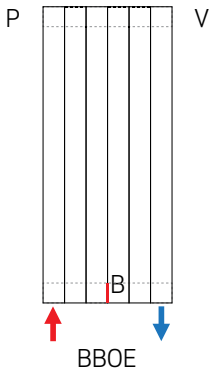
GHBDAC



Connection Options

Vertical models

EFAC



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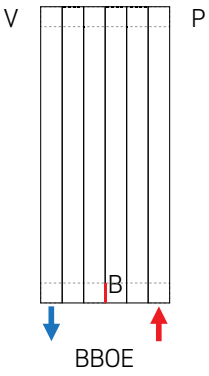

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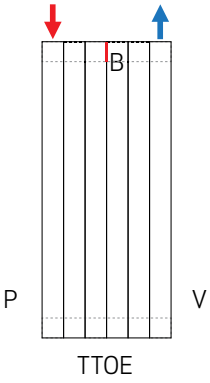

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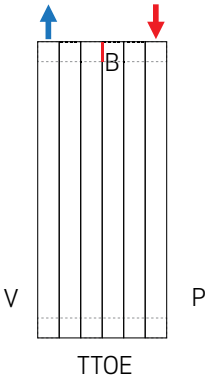

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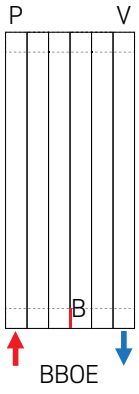

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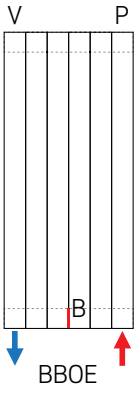

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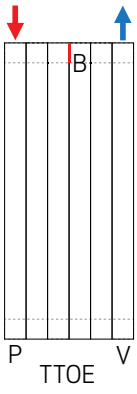

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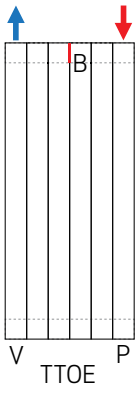

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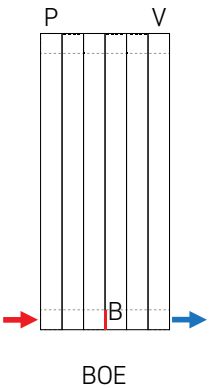

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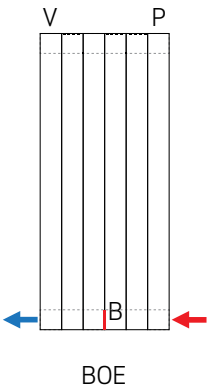


Resistance Diagram

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

Radiator type:
S70 (40mm pitch)
Length - 1520mm
Height - 600mm
Output @ ΔT50 ° C = 1695W (flow/return – 75/65 ° C)

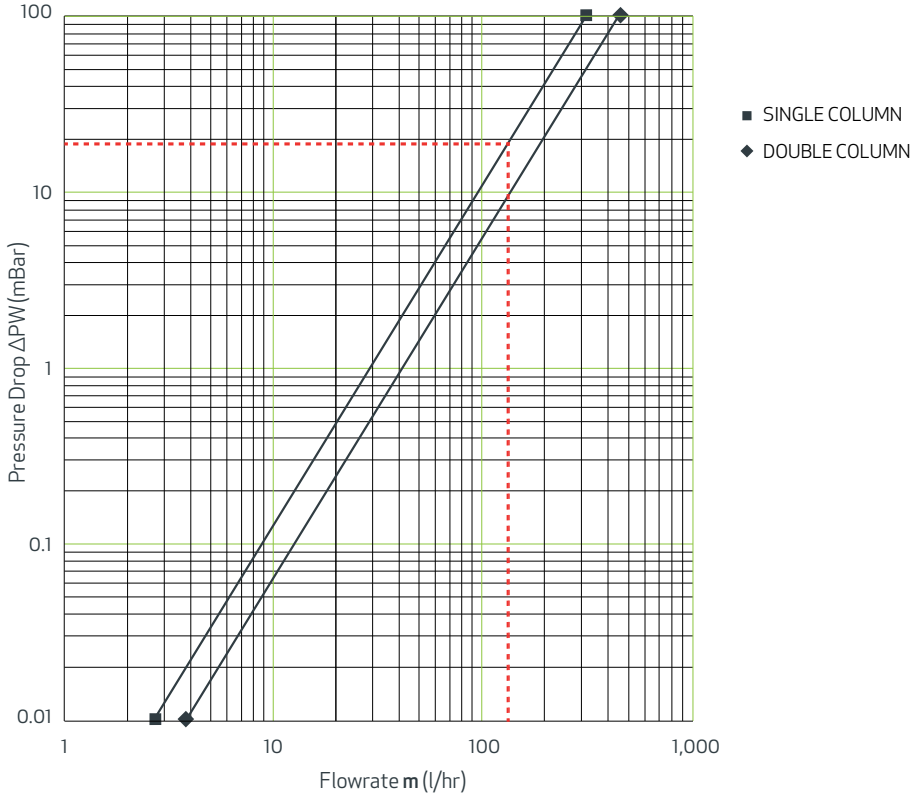
If the output is not at ΔT50 ° C, please use the correction factor table on the previous page to get the correct output.

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 x ΔT) in l/sec

Therefore
m = 1695 / (4187 x 10)
m = 0.0404824 (l/s)
x3600 (to convert from l/sec to l/h)
m = **145.7 l/h**

Please refer to the resistance diagram which gives a value of approx 19m Bar for Single Column.



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 overleaf.

EXAMPLE:

Radiator selected =
Style: S35 - 500mm (Height) x 630mm (Length)

Delta T of System (ΔT) =
39 °C

Exponent ('n') =
1.27

Output @ Delta T50 =
469 (w)

Corrected Output =
469 (w) x 0.7298 (Correction Factor) = 342 (w) at ΔT39

Height (mm)		500			
Style		S35		D35	
Depth (mm) excl. brackets		66.5		98	
'n'		1.27		1.33	
Length (mm)	No. of elements	ΔT50	ΔT30	ΔT50	ΔT30
525	15	391	205	633	321
560	16	417	218	675	342
595	17	443	232	717	364
630	18	469	246	760	385
665	19	495	259	802	407

Product example: S35 (500mm height x 630mm length) extracted from page 06.

Correction Factors

Style S35

Height	500	600	700	800	900	1000	1100	1200	1300
ΔT	Exponent 'n'								
	1.27	1.27	1.27	1.27	1.28	1.28	1.28	1.28	1.28
60	1.2600	1.2604	1.2609	1.2614	1.2618	1.2623	1.2628	1.2632	1.2637
59	1.2334	1.2338	1.2342	1.2347	1.2351	1.2355	1.2359	1.2363	1.2367
58	1.2070	1.2073	1.2077	1.2081	1.2084	1.2088	1.2092	1.2095	1.2099
57	1.1807	1.1810	1.1813	1.1816	1.1819	1.1822	1.1825	1.1829	1.1832
56	1.1545	1.1547	1.1550	1.1553	1.1555	1.1558	1.1561	1.1563	1.1566
55	1.1284	1.1286	1.1288	1.1291	1.1293	1.1295	1.1297	1.1299	1.1301
54	1.1025	1.1026	1.1028	1.1030	1.1031	1.1033	1.1035	1.1037	1.1038
53	1.0767	1.0768	1.0769	1.0770	1.0772	1.0773	1.0774	1.0775	1.0777
52	1.0510	1.0511	1.0511	1.0512	1.0513	1.0514	1.0515	1.0516	1.0516
51	1.0254	1.0255	1.0255	1.0255	1.0256	1.0256	1.0257	1.0257	1.0257
50	1	1	1	1	1	1	1	1	1
49	0.9747	0.9747	0.9746	0.9746	0.9746	0.9745	0.9745	0.9744	0.9744
48	0.9496	0.9495	0.9494	0.9493	0.9493	0.9492	0.9491	0.9490	0.9489
47	0.9246	0.9245	0.9243	0.9242	0.9241	0.9240	0.9239	0.9238	0.9236
46	0.8997	0.8996	0.8994	0.8993	0.8991	0.8990	0.8988	0.8986	0.8985
45	0.8750	0.8748	0.8746	0.8744	0.8742	0.8741	0.8739	0.8737	0.8735
44	0.8504	0.8502	0.8500	0.8498	0.8495	0.8493	0.8491	0.8489	0.8487
43	0.8260	0.8257	0.8255	0.8252	0.8250	0.8247	0.8245	0.8242	0.8240
42	0.8017	0.8014	0.8012	0.8009	0.8006	0.8003	0.8000	0.7998	0.7995
41	0.7776	0.7773	0.7770	0.7767	0.7764	0.7761	0.7757	0.7754	0.7751
40	0.7536	0.7533	0.7530	0.7526	0.7523	0.7520	0.7516	0.7513	0.7509
39	0.7298	0.7295	0.7291	0.7288	0.7284	0.7280	0.7277	0.7273	0.7269
38	0.7062	0.7058	0.7054	0.7050	0.7046	0.7043	0.7039	0.7035	0.7031
37	0.6827	0.6823	0.6819	0.6815	0.6811	0.6807	0.6803	0.6798	0.6794
36	0.6594	0.6590	0.6586	0.6581	0.6577	0.6573	0.6568	0.6564	0.6559
35	0.6363	0.6358	0.6354	0.6349	0.6345	0.6340	0.6336	0.6331	0.6326
34	0.6134	0.6129	0.6124	0.6119	0.6114	0.6110	0.6105	0.6100	0.6095
33	0.5906	0.5901	0.5896	0.5891	0.5886	0.5881	0.5876	0.5871	0.5866
32	0.5680	0.5675	0.5670	0.5665	0.5659	0.5654	0.5649	0.5644	0.5639
31	0.5456	0.5451	0.5445	0.5440	0.5435	0.5430	0.5424	0.5419	0.5414
30	0.5234	0.5228	0.5223	0.5218	0.5212	0.5207	0.5201	0.5196	0.5191
29	0.5014	0.5008	0.5003	0.4997	0.4992	0.4986	0.4981	0.4975	0.4970
28	0.4796	0.4790	0.4784	0.4779	0.4773	0.4768	0.4762	0.4756	0.4751
27	0.4579	0.4574	0.4568	0.4562	0.4557	0.4551	0.4545	0.4540	0.4534
26	0.4366	0.4360	0.4354	0.4348	0.4343	0.4337	0.4331	0.4325	0.4320
25	0.4154	0.4148	0.4142	0.4136	0.4131	0.4125	0.4119	0.4113	0.4108
24	0.3944	0.3939	0.3933	0.3927	0.3921	0.3915	0.3909	0.3904	0.3898
23	0.3737	0.3731	0.3726	0.3720	0.3714	0.3708	0.3702	0.3696	0.3691
22	0.3533	0.3527	0.3521	0.3515	0.3509	0.3503	0.3498	0.3492	0.3486
21	0.3330	0.3324	0.3319	0.3313	0.3307	0.3301	0.3295	0.3290	0.3284
20	0.3131	0.3125	0.3119	0.3113	0.3107	0.3102	0.3096	0.3090	0.3085
19	0.2934	0.2928	0.2922	0.2916	0.2911	0.2905	0.2899	0.2894	0.2888
18	0.2739	0.2734	0.2728	0.2722	0.2717	0.2711	0.2705	0.2700	0.2694
17	0.2548	0.2542	0.2537	0.2531	0.2526	0.2520	0.2515	0.2509	0.2504
16	0.2359	0.2354	0.2348	0.2343	0.2338	0.2332	0.2327	0.2322	0.2316
15	0.2174	0.2169	0.2163	0.2158	0.2153	0.2148	0.2143	0.2137	0.2132

Correction Factors

Style S35

Height	1400	1500	1600	1700	1800	1900	2000	2100	2200
ΔT	Exponent 'n'								
	1.29	1.29	1.29	1.29	1.29	1.30	1.30	1.30	1.30
60	1.2642	1.2646	1.2651	1.2656	1.2660	1.2665	1.2670	1.2674	1.2679
59	1.2371	1.2375	1.2380	1.2384	1.2388	1.2392	1.2396	1.2400	1.2404
58	1.2102	1.2106	1.2110	1.2113	1.2117	1.2121	1.2124	1.2128	1.2131
57	1.1835	1.1838	1.1841	1.1844	1.1847	1.1850	1.1854	1.1857	1.1860
56	1.1569	1.1571	1.1574	1.1576	1.1579	1.1582	1.1584	1.1587	1.1590
55	1.1304	1.1306	1.1308	1.1310	1.1312	1.1314	1.1317	1.1319	1.1321
54	1.1040	1.1042	1.1043	1.1045	1.1047	1.1049	1.1050	1.1052	1.1054
53	1.0778	1.0779	1.0780	1.0782	1.0783	1.0784	1.0786	1.0787	1.0788
52	1.0517	1.0518	1.0519	1.0520	1.0521	1.0521	1.0522	1.0523	1.0524
51	1.0258	1.0258	1.0259	1.0259	1.0260	1.0260	1.0260	1.0261	1.0261
50	1	1	1	1	1	1	1	1	1
49	0.9744	0.9743	0.9743	0.9742	0.9742	0.9742	0.9741	0.9741	0.9740
48	0.9489	0.9488	0.9487	0.9486	0.9486	0.9485	0.9484	0.9483	0.9482
47	0.9235	0.9234	0.9233	0.9232	0.9231	0.9230	0.9228	0.9227	0.9226
46	0.8983	0.8982	0.8980	0.8979	0.8977	0.8976	0.8974	0.8973	0.8971
45	0.8733	0.8731	0.8729	0.8728	0.8726	0.8724	0.8722	0.8720	0.8718
44	0.8484	0.8482	0.8480	0.8478	0.8476	0.8474	0.8471	0.8469	0.8467
43	0.8237	0.8235	0.8232	0.8230	0.8227	0.8225	0.8222	0.8220	0.8217
42	0.7992	0.7989	0.7986	0.7983	0.7981	0.7978	0.7975	0.7972	0.7969
41	0.7748	0.7745	0.7742	0.7739	0.7736	0.7733	0.7729	0.7726	0.7723
40	0.7506	0.7503	0.7499	0.7496	0.7492	0.7489	0.7486	0.7482	0.7479
39	0.7266	0.7262	0.7258	0.7255	0.7251	0.7247	0.7244	0.7240	0.7236
38	0.7027	0.7023	0.7019	0.7015	0.7011	0.7007	0.7004	0.7000	0.6996
37	0.6790	0.6786	0.6782	0.6778	0.6774	0.6769	0.6765	0.6761	0.6757
36	0.6555	0.6551	0.6546	0.6542	0.6538	0.6533	0.6529	0.6525	0.6520
35	0.6322	0.6317	0.6313	0.6308	0.6304	0.6299	0.6295	0.6290	0.6286
34	0.6091	0.6086	0.6081	0.6076	0.6072	0.6067	0.6062	0.6058	0.6053
33	0.5861	0.5856	0.5851	0.5847	0.5842	0.5837	0.5832	0.5827	0.5822
32	0.5634	0.5629	0.5624	0.5619	0.5614	0.5609	0.5604	0.5599	0.5593
31	0.5409	0.5403	0.5398	0.5393	0.5388	0.5383	0.5377	0.5372	0.5367
30	0.5185	0.5180	0.5175	0.5169	0.5164	0.5159	0.5153	0.5148	0.5143
29	0.4964	0.4959	0.4953	0.4948	0.4942	0.4937	0.4932	0.4926	0.4921
28	0.4745	0.4740	0.4734	0.4729	0.4723	0.4718	0.4712	0.4706	0.4701
27	0.4528	0.4523	0.4517	0.4512	0.4506	0.4500	0.4495	0.4489	0.4484
26	0.4314	0.4308	0.4303	0.4297	0.4291	0.4286	0.4280	0.4274	0.4269
25	0.4102	0.4096	0.4090	0.4085	0.4079	0.4073	0.4068	0.4062	0.4056
24	0.3892	0.3886	0.3881	0.3875	0.3869	0.3863	0.3858	0.3852	0.3846
23	0.3685	0.3679	0.3673	0.3668	0.3662	0.3656	0.3650	0.3645	0.3639
22	0.3480	0.3474	0.3469	0.3463	0.3457	0.3451	0.3446	0.3440	0.3434
21	0.3278	0.3272	0.3267	0.3261	0.3255	0.3250	0.3244	0.3238	0.3232
20	0.3079	0.3073	0.3067	0.3062	0.3056	0.3050	0.3045	0.3039	0.3034
19	0.2882	0.2877	0.2871	0.2865	0.2860	0.2854	0.2849	0.2843	0.2838
18	0.2689	0.2683	0.2678	0.2672	0.2667	0.2661	0.2656	0.2650	0.2645
17	0.2498	0.2493	0.2487	0.2482	0.2477	0.2471	0.2466	0.2460	0.2455
16	0.2311	0.2306	0.2300	0.2295	0.2290	0.2285	0.2279	0.2274	0.2269
15	0.2127	0.2122	0.2117	0.2111	0.2106	0.2101	0.2096	0.2091	0.2086

Correction Factors

Style D35

Height	500	600	700	800	900	1000	1100	1200	1300
ΔT	Exponent 'n'								
	1.33	1.33	1.32	1.32	1.32	1.31	1.31	1.31	1.31
60	1.2743	1.2736	1.2729	1.2722	1.2715	1.2709	1.2702	1.2695	1.2688
59	1.2461	1.2455	1.2449	1.2443	1.2437	1.2431	1.2425	1.2419	1.2413
58	1.2181	1.2176	1.2171	1.2165	1.2160	1.2155	1.2149	1.2144	1.2139
57	1.1903	1.1898	1.1894	1.1889	1.1884	1.1880	1.1875	1.1871	1.1866
56	1.1626	1.1622	1.1618	1.1614	1.1610	1.1607	1.1603	1.1599	1.1595
55	1.1351	1.1348	1.1344	1.1341	1.1338	1.1335	1.1332	1.1329	1.1325
54	1.1077	1.1075	1.1072	1.1070	1.1067	1.1065	1.1062	1.1060	1.1057
53	1.0805	1.0804	1.0802	1.0800	1.0798	1.0796	1.0794	1.0792	1.0791
52	1.0535	1.0534	1.0533	1.0532	1.0530	1.0529	1.0528	1.0527	1.0526
51	1.0267	1.0266	1.0266	1.0265	1.0264	1.0264	1.0263	1.0263	1.0262
50	1	1	1	1	1	1	1	1	1
49	0.9735	0.9736	0.9736	0.9737	0.9737	0.9738	0.9738	0.9739	0.9740
48	0.9472	0.9473	0.9474	0.9475	0.9476	0.9477	0.9479	0.9480	0.9481
47	0.9210	0.9212	0.9214	0.9215	0.9217	0.9219	0.9220	0.9222	0.9224
46	0.8951	0.8953	0.8955	0.8957	0.8960	0.8962	0.8964	0.8966	0.8968
45	0.8693	0.8696	0.8698	0.8701	0.8704	0.8706	0.8709	0.8712	0.8715
44	0.8437	0.8440	0.8444	0.8447	0.8450	0.8453	0.8456	0.8459	0.8463
43	0.8183	0.8187	0.8190	0.8194	0.8198	0.8201	0.8205	0.8209	0.8212
42	0.7931	0.7935	0.7939	0.7943	0.7947	0.7952	0.7956	0.7960	0.7964
41	0.7681	0.7686	0.7690	0.7695	0.7699	0.7704	0.7708	0.7713	0.7717
40	0.7433	0.7438	0.7443	0.7448	0.7453	0.7457	0.7462	0.7467	0.7472
39	0.7187	0.7192	0.7198	0.7203	0.7208	0.7213	0.7219	0.7224	0.7229
38	0.6943	0.6949	0.6954	0.6960	0.6966	0.6971	0.6977	0.6982	0.6988
37	0.6701	0.6707	0.6713	0.6719	0.6725	0.6731	0.6737	0.6743	0.6749
36	0.6462	0.6468	0.6474	0.6480	0.6487	0.6493	0.6499	0.6505	0.6512
35	0.6224	0.6231	0.6237	0.6244	0.6250	0.6257	0.6263	0.6270	0.6276
34	0.5989	0.5996	0.6002	0.6009	0.6016	0.6023	0.6030	0.6037	0.6043
33	0.5756	0.5763	0.5770	0.5777	0.5784	0.5791	0.5798	0.5805	0.5812
32	0.5525	0.5532	0.5540	0.5547	0.5554	0.5561	0.5569	0.5576	0.5583
31	0.5297	0.5304	0.5312	0.5319	0.5327	0.5334	0.5341	0.5349	0.5357
30	0.5071	0.5079	0.5086	0.5094	0.5101	0.5109	0.5117	0.5124	0.5132
29	0.4847	0.4855	0.4863	0.4871	0.4879	0.4886	0.4894	0.4902	0.4910
28	0.4626	0.4634	0.4642	0.4650	0.4658	0.4666	0.4674	0.4682	0.4690
27	0.4408	0.4416	0.4424	0.4432	0.4440	0.4448	0.4456	0.4464	0.4472
26	0.4192	0.4201	0.4209	0.4217	0.4225	0.4233	0.4241	0.4249	0.4257
25	0.3979	0.3988	0.3996	0.4004	0.4012	0.4020	0.4028	0.4037	0.4045
24	0.3769	0.3777	0.3785	0.3794	0.3802	0.3810	0.3818	0.3827	0.3835
23	0.3562	0.3570	0.3578	0.3586	0.3595	0.3603	0.3611	0.3619	0.3627
22	0.3357	0.3366	0.3374	0.3382	0.3390	0.3398	0.3406	0.3415	0.3423
21	0.3156	0.3164	0.3172	0.3180	0.3189	0.3197	0.3205	0.3213	0.3221
20	0.2958	0.2966	0.2974	0.2982	0.2990	0.2998	0.3006	0.3014	0.3022
19	0.2763	0.2771	0.2779	0.2787	0.2795	0.2802	0.2810	0.2819	0.2826
18	0.2571	0.2579	0.2587	0.2594	0.2602	0.2610	0.2618	0.2626	0.2634
17	0.2383	0.2391	0.2398	0.2406	0.2414	0.2421	0.2429	0.2437	0.2444
16	0.2199	0.2206	0.2213	0.2221	0.2228	0.2236	0.2243	0.2251	0.2258
15	0.2018	0.2025	0.2032	0.2039	0.2047	0.2054	0.2061	0.2069	0.2076

Correction Factors

Style D35

Height	1400	1500	1600	1700	1800	1900	2000	2100	2200
ΔT	Exponent 'n'								
	1.30	1.30	1.30	1.29	1.29	1.29	1.29	1.28	1.28
60	1.2682	1.2675	1.2668	1.2661	1.2655	1.2648	1.2641	1.2634	1.2628
59	1.2407	1.2401	1.2395	1.2389	1.2383	1.2377	1.2371	1.2365	1.2359
58	1.2134	1.2128	1.2123	1.2118	1.2113	1.2107	1.2102	1.2097	1.2092
57	1.1862	1.1857	1.1853	1.1848	1.1844	1.1839	1.1834	1.1830	1.1825
56	1.1591	1.1587	1.1584	1.1580	1.1576	1.1572	1.1568	1.1564	1.1561
55	1.1322	1.1319	1.1316	1.1313	1.1310	1.1306	1.1303	1.1300	1.1297
54	1.1055	1.1052	1.1050	1.1047	1.1045	1.1042	1.1040	1.1037	1.1035
53	1.0789	1.0787	1.0785	1.0783	1.0781	1.0780	1.0778	1.0776	1.0774
52	1.0524	1.0523	1.0522	1.0521	1.0520	1.0518	1.0517	1.0516	1.0515
51	1.0261	1.0261	1.0260	1.0260	1.0259	1.0258	1.0258	1.0257	1.0257
50	1	1	1	1	1	1	1	1	1
49	0.9740	0.9741	0.9741	0.9742	0.9742	0.9743	0.9744	0.9744	0.9745
48	0.9482	0.9483	0.9484	0.9485	0.9487	0.9488	0.9489	0.9490	0.9491
47	0.9225	0.9227	0.9229	0.9230	0.9232	0.9234	0.9235	0.9237	0.9239
46	0.8970	0.8973	0.8975	0.8977	0.8979	0.8981	0.8984	0.8986	0.8988
45	0.8717	0.8720	0.8723	0.8725	0.8728	0.8731	0.8733	0.8736	0.8739
44	0.8466	0.8469	0.8472	0.8475	0.8478	0.8482	0.8485	0.8488	0.8491
43	0.8216	0.8219	0.8223	0.8227	0.8230	0.8234	0.8238	0.8241	0.8245
42	0.7968	0.7972	0.7976	0.7980	0.7984	0.7988	0.7992	0.7996	0.8000
41	0.7721	0.7726	0.7731	0.7735	0.7739	0.7744	0.7748	0.7753	0.7757
40	0.7477	0.7482	0.7487	0.7492	0.7497	0.7502	0.7506	0.7511	0.7516
39	0.7234	0.7240	0.7245	0.7250	0.7255	0.7261	0.7266	0.7271	0.7277
38	0.6994	0.6999	0.7005	0.7010	0.7016	0.7022	0.7027	0.7033	0.7039
37	0.6755	0.6761	0.6767	0.6773	0.6779	0.6785	0.6791	0.6797	0.6803
36	0.6518	0.6524	0.6530	0.6537	0.6543	0.6549	0.6556	0.6562	0.6568
35	0.6283	0.6289	0.6296	0.6303	0.6309	0.6316	0.6323	0.6329	0.6336
34	0.6050	0.6057	0.6064	0.6071	0.6077	0.6084	0.6091	0.6098	0.6105
33	0.5819	0.5826	0.5834	0.5841	0.5848	0.5855	0.5862	0.5869	0.5876
32	0.5591	0.5598	0.5605	0.5613	0.5620	0.5627	0.5635	0.5642	0.5649
31	0.5364	0.5371	0.5379	0.5387	0.5394	0.5402	0.5409	0.5417	0.5424
30	0.5140	0.5147	0.5155	0.5163	0.5170	0.5178	0.5186	0.5194	0.5201
29	0.4918	0.4925	0.4933	0.4941	0.4949	0.4957	0.4965	0.4973	0.4981
28	0.4698	0.4706	0.4714	0.4722	0.4730	0.4738	0.4746	0.4754	0.4762
27	0.4480	0.4488	0.4497	0.4505	0.4513	0.4521	0.4529	0.4537	0.4545
26	0.4265	0.4273	0.4282	0.4290	0.4298	0.4307	0.4315	0.4323	0.4331
25	0.4053	0.4061	0.4069	0.4078	0.4086	0.4094	0.4103	0.4111	0.4119
24	0.3843	0.3851	0.3860	0.3868	0.3876	0.3885	0.3893	0.3901	0.3909
23	0.3636	0.3644	0.3652	0.3661	0.3669	0.3677	0.3686	0.3694	0.3702
22	0.3431	0.3439	0.3448	0.3456	0.3464	0.3473	0.3481	0.3489	0.3498
21	0.3229	0.3237	0.3246	0.3254	0.3262	0.3271	0.3279	0.3287	0.3295
20	0.3030	0.3038	0.3047	0.3055	0.3063	0.3071	0.3080	0.3088	0.3096
19	0.2834	0.2842	0.2851	0.2859	0.2867	0.2875	0.2883	0.2891	0.2899
18	0.2642	0.2649	0.2658	0.2665	0.2673	0.2682	0.2689	0.2697	0.2705
17	0.2452	0.2460	0.2468	0.2475	0.2483	0.2491	0.2499	0.2507	0.2515
16	0.2266	0.2273	0.2281	0.2289	0.2296	0.2304	0.2312	0.2319	0.2327
15	0.2083	0.2090	0.2098	0.2105	0.2113	0.2120	0.2128	0.2135	0.2143

Correction Factors

Style S70

Height	500	600	700	800	900	1000	1100	1200	1300
ΔT	Exponent 'n'								
	1.27	1.27	1.27	1.28	1.28	1.28	1.28	1.28	1.29
60	1.2607	1.2611	1.2616	1.2621	1.2625	1.2630	1.2635	1.2639	1.2644
59	1.2340	1.2345	1.2349	1.2353	1.2357	1.2361	1.2365	1.2369	1.2374
58	1.2075	1.2079	1.2083	1.2086	1.2090	1.2093	1.2097	1.2101	1.2104
57	1.1811	1.1815	1.1818	1.1821	1.1824	1.1827	1.1830	1.1833	1.1837
56	1.1549	1.1551	1.1554	1.1557	1.1559	1.1562	1.1565	1.1567	1.1570
55	1.1287	1.1290	1.1292	1.1294	1.1296	1.1298	1.1300	1.1303	1.1305
54	1.1027	1.1029	1.1031	1.1032	1.1034	1.1036	1.1038	1.1039	1.1041
53	1.0768	1.0770	1.0771	1.0772	1.0774	1.0775	1.0776	1.0777	1.0779
52	1.0511	1.0512	1.0513	1.0513	1.0514	1.0515	1.0516	1.0517	1.0518
51	1.0255	1.0255	1.0256	1.0256	1.0256	1.0257	1.0257	1.0258	1.0258
50	1	1	1	1	1	1	1	1	1
49	0.9747	0.9746	0.9746	0.9745	0.9745	0.9745	0.9744	0.9744	0.9743
48	0.9495	0.9494	0.9493	0.9492	0.9491	0.9491	0.9490	0.9489	0.9488
47	0.9244	0.9243	0.9242	0.9240	0.9239	0.9238	0.9237	0.9236	0.9235
46	0.8995	0.8993	0.8992	0.8990	0.8989	0.8987	0.8986	0.8984	0.8983
45	0.8747	0.8745	0.8743	0.8741	0.8740	0.8738	0.8736	0.8734	0.8732
44	0.8501	0.8499	0.8496	0.8494	0.8492	0.8490	0.8488	0.8485	0.8483
43	0.8256	0.8254	0.8251	0.8249	0.8246	0.8244	0.8241	0.8238	0.8236
42	0.8013	0.8010	0.8007	0.8004	0.8002	0.7999	0.7996	0.7993	0.7990
41	0.7771	0.7768	0.7765	0.7762	0.7759	0.7756	0.7753	0.7749	0.7746
40	0.7531	0.7528	0.7524	0.7521	0.7518	0.7514	0.7511	0.7508	0.7504
39	0.7293	0.7289	0.7286	0.7282	0.7278	0.7275	0.7271	0.7267	0.7264
38	0.7056	0.7052	0.7048	0.7044	0.7040	0.7037	0.7033	0.7029	0.7025
37	0.6821	0.6817	0.6813	0.6809	0.6804	0.6800	0.6796	0.6792	0.6788
36	0.6588	0.6583	0.6579	0.6575	0.6570	0.6566	0.6561	0.6557	0.6553
35	0.6356	0.6351	0.6347	0.6342	0.6338	0.6333	0.6329	0.6324	0.6319
34	0.6126	0.6121	0.6117	0.6112	0.6107	0.6102	0.6098	0.6093	0.6088
33	0.5898	0.5893	0.5888	0.5883	0.5878	0.5873	0.5868	0.5864	0.5859
32	0.5672	0.5667	0.5662	0.5657	0.5652	0.5646	0.5641	0.5636	0.5631
31	0.5448	0.5443	0.5437	0.5432	0.5427	0.5421	0.5416	0.5411	0.5406
30	0.5226	0.5220	0.5215	0.5209	0.5204	0.5199	0.5193	0.5188	0.5182
29	0.5005	0.5000	0.4994	0.4989	0.4983	0.4978	0.4972	0.4967	0.4961
28	0.4787	0.4781	0.4776	0.4770	0.4764	0.4759	0.4753	0.4748	0.4742
27	0.4571	0.4565	0.4559	0.4554	0.4548	0.4542	0.4537	0.4531	0.4525
26	0.4357	0.4351	0.4345	0.4339	0.4334	0.4328	0.4322	0.4317	0.4311
25	0.4145	0.4139	0.4133	0.4128	0.4122	0.4116	0.4110	0.4104	0.4099
24	0.3935	0.3930	0.3924	0.3918	0.3912	0.3906	0.3901	0.3895	0.3889
23	0.3728	0.3722	0.3717	0.3711	0.3705	0.3699	0.3693	0.3687	0.3682
22	0.3524	0.3518	0.3512	0.3506	0.3500	0.3494	0.3489	0.3483	0.3477
21	0.3321	0.3316	0.3310	0.3304	0.3298	0.3292	0.3287	0.3281	0.3275
20	0.3122	0.3116	0.3110	0.3104	0.3099	0.3093	0.3087	0.3081	0.3076
19	0.2925	0.2919	0.2913	0.2908	0.2902	0.2896	0.2891	0.2885	0.2879
18	0.2731	0.2725	0.2719	0.2714	0.2708	0.2702	0.2697	0.2691	0.2686
17	0.2539	0.2534	0.2528	0.2523	0.2517	0.2512	0.2506	0.2501	0.2495
16	0.2351	0.2346	0.2340	0.2335	0.2329	0.2324	0.2319	0.2313	0.2308
15	0.2166	0.2161	0.2155	0.2150	0.2145	0.2140	0.2134	0.2129	0.2124

Correction Factors

Style S70

Height	1400	1500	1600	1700	1800	1900	2000	2100	2200
ΔT	Exponent 'n'								
	1.29	1.29	1.29	1.29	1.30	1.30	1.30	1.30	1.31
60	1.2649	1.2653	1.2658	1.2663	1.2667	1.2672	1.2677	1.2682	1.2686
59	1.2378	1.2382	1.2386	1.2390	1.2394	1.2399	1.2403	1.2407	1.2411
58	1.2108	1.2112	1.2115	1.2119	1.2123	1.2126	1.2130	1.2134	1.2137
57	1.1840	1.1843	1.1846	1.1849	1.1852	1.1855	1.1859	1.1862	1.1865
56	1.1573	1.1575	1.1578	1.1581	1.1583	1.1586	1.1589	1.1591	1.1594
55	1.1307	1.1309	1.1311	1.1314	1.1316	1.1318	1.1320	1.1322	1.1324
54	1.1043	1.1044	1.1046	1.1048	1.1050	1.1051	1.1053	1.1055	1.1057
53	1.0780	1.0781	1.0782	1.0784	1.0785	1.0786	1.0788	1.0789	1.0790
52	1.0518	1.0519	1.0520	1.0521	1.0522	1.0523	1.0523	1.0524	1.0525
51	1.0259	1.0259	1.0259	1.0260	1.0260	1.0261	1.0261	1.0261	1.0262
50	1	1	1	1	1	1	1	1	1
49	0.9743	0.9743	0.9742	0.9742	0.9741	0.9741	0.9741	0.9740	0.9740
48	0.9487	0.9487	0.9486	0.9485	0.9484	0.9484	0.9483	0.9482	0.9481
47	0.9234	0.9232	0.9231	0.9230	0.9229	0.9228	0.9227	0.9225	0.9224
46	0.8981	0.8980	0.8978	0.8977	0.8975	0.8974	0.8972	0.8970	0.8969
45	0.8730	0.8728	0.8727	0.8725	0.8723	0.8721	0.8719	0.8717	0.8715
44	0.8481	0.8479	0.8477	0.8474	0.8472	0.8470	0.8468	0.8466	0.8463
43	0.8233	0.8231	0.8228	0.8226	0.8223	0.8221	0.8218	0.8216	0.8213
42	0.7988	0.7985	0.7982	0.7979	0.7976	0.7973	0.7971	0.7968	0.7965
41	0.7743	0.7740	0.7737	0.7734	0.7731	0.7728	0.7725	0.7721	0.7718
40	0.7501	0.7497	0.7494	0.7491	0.7487	0.7484	0.7480	0.7477	0.7474
39	0.7260	0.7256	0.7253	0.7249	0.7245	0.7242	0.7238	0.7234	0.7231
38	0.7021	0.7017	0.7013	0.7009	0.7005	0.7001	0.6998	0.6994	0.6990
37	0.6784	0.6780	0.6775	0.6771	0.6767	0.6763	0.6759	0.6755	0.6751
36	0.6548	0.6544	0.6540	0.6535	0.6531	0.6527	0.6522	0.6518	0.6514
35	0.6315	0.6310	0.6306	0.6301	0.6297	0.6292	0.6288	0.6283	0.6278
34	0.6083	0.6079	0.6074	0.6069	0.6064	0.6060	0.6055	0.6050	0.6045
33	0.5854	0.5849	0.5844	0.5839	0.5834	0.5829	0.5824	0.5819	0.5814
32	0.5626	0.5621	0.5616	0.5611	0.5606	0.5601	0.5596	0.5591	0.5586
31	0.5401	0.5395	0.5390	0.5385	0.5380	0.5374	0.5369	0.5364	0.5359
30	0.5177	0.5172	0.5166	0.5161	0.5156	0.5150	0.5145	0.5140	0.5134
29	0.4956	0.4950	0.4945	0.4939	0.4934	0.4928	0.4923	0.4918	0.4912
28	0.4737	0.4731	0.4725	0.4720	0.4714	0.4709	0.4703	0.4698	0.4692
27	0.4520	0.4514	0.4508	0.4503	0.4497	0.4492	0.4486	0.4480	0.4475
26	0.4305	0.4299	0.4294	0.4288	0.4282	0.4277	0.4271	0.4265	0.4260
25	0.4093	0.4087	0.4081	0.4076	0.4070	0.4064	0.4059	0.4053	0.4047
24	0.3883	0.3877	0.3872	0.3866	0.3860	0.3854	0.3849	0.3843	0.3837
23	0.3676	0.3670	0.3664	0.3659	0.3653	0.3647	0.3641	0.3636	0.3630
22	0.3471	0.3465	0.3460	0.3454	0.3448	0.3442	0.3437	0.3431	0.3425
21	0.3269	0.3263	0.3258	0.3252	0.3246	0.3241	0.3235	0.3229	0.3224
20	0.3070	0.3064	0.3059	0.3053	0.3047	0.3042	0.3036	0.3030	0.3025
19	0.2874	0.2868	0.2862	0.2857	0.2851	0.2846	0.2840	0.2834	0.2829
18	0.2680	0.2675	0.2669	0.2664	0.2658	0.2653	0.2647	0.2642	0.2636
17	0.2490	0.2484	0.2479	0.2474	0.2468	0.2463	0.2457	0.2452	0.2447
16	0.2303	0.2297	0.2292	0.2287	0.2282	0.2276	0.2271	0.2266	0.2261
15	0.2119	0.2114	0.2109	0.2103	0.2098	0.2093	0.2088	0.2083	0.2078

Correction Factors

Style D70

Height	1000	1100	1200	1300	1400	1500	1600
ΔT	Exponent 'n'						
	1.31	1.31	1.31	1.31	1.32	1.32	1.32
60	1.2694	1.2699	1.2704	1.2709	1.2714	1.2719	1.2724
59	1.2418	1.2422	1.2427	1.2431	1.2435	1.2440	1.2444
58	1.2143	1.2147	1.2151	1.2155	1.2159	1.2163	1.2166
57	1.1870	1.1873	1.1877	1.1880	1.1883	1.1887	1.1890
56	1.1598	1.1601	1.1604	1.1607	1.1610	1.1612	1.1615
55	1.1328	1.1330	1.1333	1.1335	1.1337	1.1340	1.1342
54	1.1059	1.1061	1.1063	1.1065	1.1067	1.1068	1.1070
53	1.0792	1.0794	1.0795	1.0796	1.0798	1.0799	1.0800
52	1.0527	1.0527	1.0528	1.0529	1.0530	1.0531	1.0532
51	1.0262	1.0263	1.0263	1.0264	1.0264	1.0265	1.0265
50	1	1	1	1	1	1	1
49	0.9739	0.9739	0.9738	0.9738	0.9737	0.9737	0.9737
48	0.9480	0.9479	0.9478	0.9477	0.9477	0.9476	0.9475
47	0.9222	0.9221	0.9220	0.9219	0.9217	0.9216	0.9215
46	0.8967	0.8965	0.8963	0.8962	0.8960	0.8958	0.8957
45	0.8712	0.8710	0.8708	0.8706	0.8704	0.8702	0.8701
44	0.8460	0.8458	0.8455	0.8453	0.8451	0.8448	0.8446
43	0.8209	0.8207	0.8204	0.8201	0.8199	0.8196	0.8193
42	0.7960	0.7957	0.7954	0.7951	0.7948	0.7945	0.7943
41	0.7713	0.7710	0.7707	0.7703	0.7700	0.7697	0.7694
40	0.7468	0.7465	0.7461	0.7457	0.7454	0.7450	0.7447
39	0.7225	0.7221	0.7217	0.7213	0.7209	0.7206	0.7202
38	0.6983	0.6979	0.6975	0.6971	0.6967	0.6963	0.6959
37	0.6744	0.6740	0.6735	0.6731	0.6727	0.6722	0.6718
36	0.6506	0.6502	0.6497	0.6493	0.6488	0.6484	0.6479
35	0.6271	0.6266	0.6261	0.6257	0.6252	0.6247	0.6242
34	0.6038	0.6033	0.6028	0.6023	0.6018	0.6013	0.6008
33	0.5806	0.5801	0.5796	0.5791	0.5786	0.5781	0.5775
32	0.5577	0.5572	0.5567	0.5561	0.5556	0.5551	0.5545
31	0.5350	0.5345	0.5339	0.5334	0.5328	0.5323	0.5317
30	0.5126	0.5120	0.5114	0.5109	0.5103	0.5098	0.5092
29	0.4903	0.4898	0.4892	0.4886	0.4880	0.4875	0.4869
28	0.4683	0.4677	0.4672	0.4666	0.4660	0.4654	0.4648
27	0.4466	0.4460	0.4454	0.4448	0.4442	0.4436	0.4430
26	0.4251	0.4245	0.4239	0.4233	0.4227	0.4221	0.4215
25	0.4038	0.4032	0.4026	0.4020	0.4014	0.4008	0.4002
24	0.3828	0.3822	0.3816	0.3810	0.3804	0.3798	0.3792
23	0.3621	0.3615	0.3609	0.3603	0.3597	0.3591	0.3585
22	0.3416	0.3410	0.3404	0.3398	0.3392	0.3386	0.3380
21	0.3214	0.3208	0.3202	0.3196	0.3190	0.3185	0.3179
20	0.3016	0.3010	0.3004	0.2998	0.2992	0.2986	0.2980
19	0.2820	0.2814	0.2808	0.2802	0.2796	0.2791	0.2785
18	0.2627	0.2622	0.2616	0.2610	0.2604	0.2599	0.2593
17	0.2438	0.2432	0.2427	0.2421	0.2415	0.2410	0.2404
16	0.2252	0.2247	0.2241	0.2236	0.2230	0.2225	0.2219
15	0.2070	0.2064	0.2059	0.2054	0.2048	0.2043	0.2038

Correction Factors

Style D70

Height	1700	1800	1900	2000	2100	2200
ΔT	Exponent 'n'					
	1.32	1.33	1.33	1.33	1.33	1.33
60	1.2729	1.2734	1.2739	1.2744	1.2749	1.2754
59	1.2449	1.2453	1.2458	1.2462	1.2466	1.2471
58	1.2170	1.2174	1.2178	1.2182	1.2186	1.2190
57	1.1893	1.1897	1.1900	1.1903	1.1907	1.1910
56	1.1618	1.1621	1.1624	1.1627	1.1629	1.1632
55	1.1344	1.1347	1.1349	1.1351	1.1354	1.1356
54	1.1072	1.1074	1.1076	1.1078	1.1079	1.1081
53	1.0802	1.0803	1.0804	1.0806	1.0807	1.0808
52	1.0533	1.0534	1.0535	1.0535	1.0536	1.0537
51	1.0266	1.0266	1.0266	1.0267	1.0267	1.0268
50	1	1	1	1	1	1
49	0.9736	0.9736	0.9735	0.9735	0.9734	0.9734
48	0.9474	0.9473	0.9472	0.9472	0.9471	0.9470
47	0.9214	0.9213	0.9211	0.9210	0.9209	0.9208
46	0.8955	0.8954	0.8952	0.8950	0.8949	0.8947
45	0.8699	0.8697	0.8695	0.8693	0.8691	0.8689
44	0.8444	0.8441	0.8439	0.8437	0.8434	0.8432
43	0.8191	0.8188	0.8185	0.8183	0.8180	0.8177
42	0.7940	0.7937	0.7934	0.7931	0.7928	0.7925
41	0.7690	0.7687	0.7684	0.7681	0.7677	0.7674
40	0.7443	0.7440	0.7436	0.7432	0.7429	0.7425
39	0.7198	0.7194	0.7190	0.7186	0.7183	0.7179
38	0.6955	0.6951	0.6946	0.6942	0.6938	0.6934
37	0.6713	0.6709	0.6705	0.6700	0.6696	0.6692
36	0.6474	0.6470	0.6465	0.6461	0.6456	0.6452
35	0.6237	0.6233	0.6228	0.6223	0.6218	0.6214
34	0.6003	0.5998	0.5993	0.5988	0.5983	0.5978
33	0.5770	0.5765	0.5760	0.5755	0.5750	0.5745
32	0.5540	0.5535	0.5529	0.5524	0.5519	0.5513
31	0.5312	0.5307	0.5301	0.5296	0.5290	0.5285
30	0.5086	0.5081	0.5075	0.5070	0.5064	0.5059
29	0.4863	0.4858	0.4852	0.4846	0.4841	0.4835
28	0.4643	0.4637	0.4631	0.4625	0.4620	0.4614
27	0.4424	0.4419	0.4413	0.4407	0.4401	0.4395
26	0.4209	0.4203	0.4197	0.4191	0.4185	0.4179
25	0.3996	0.3990	0.3984	0.3978	0.3972	0.3966
24	0.3786	0.3780	0.3774	0.3768	0.3762	0.3756
23	0.3579	0.3573	0.3567	0.3561	0.3555	0.3549
22	0.3374	0.3368	0.3362	0.3356	0.3350	0.3345
21	0.3173	0.3167	0.3161	0.3155	0.3149	0.3143
20	0.2974	0.2968	0.2963	0.2957	0.2951	0.2945
19	0.2779	0.2773	0.2768	0.2762	0.2756	0.2750
18	0.2587	0.2582	0.2576	0.2570	0.2565	0.2559
17	0.2399	0.2393	0.2388	0.2382	0.2377	0.2371
16	0.2214	0.2208	0.2203	0.2198	0.2192	0.2187
15	0.2033	0.2027	0.2022	0.2017	0.2012	0.2006

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