



QUINNmerriott

COLUMN RADIATORS TECHNICAL INFORMATION



CONTENTS

Column Specification Sheet	2
Column Radiators Introduction & Overview	3
S35, D35, S70, D70 – Data charts	4
S35 & D35 – Heat emissions	5-18
-heat emissions at 300mm & 400mm high	5
-heat emissions at 500mm & 600mm high	6
-heat emissions at 700mm & 800mm high	7
-heat emissions at 900mm & 1000mm high	8
-heat emissions at 1100mm & 1200mm high	9
-heat emissions at 1300mm & 1400mm high	10
-heat emissions at 1500mm & 1600mm high	11
-heat emissions at 1700mm & 1800mm high	12
-heat emissions at 1900mm & 2000mm high	13
-heat emissions at 2100mm & 2200mm high	14
-heat emissions at 2300mm & 2400mm high	15
-heat emissions at 2500mm & 2600mm high	16
-heat emissions at 2700mm & 2800mm high	17
-heat emissions at 2900mm & 3000mm high	18
S70 & D70 – Heat emissions	19-46
-heat emissions at 300mm high	19
-heat emissions at 400mm high	20
-heat emissions at 500mm high	21
-heat emissions at 600mm high	22
-heat emissions at 700mm high	23
-heat emissions at 800mm high	24
-heat emissions at 900mm high	25
-heat emissions at 1000mm high	26
-heat emissions at 1100mm high	27
-heat emissions at 1200mm high	28
-heat emissions at 1300mm high	29
-heat emissions at 1400mm high	30
-heat emissions at 1500mm high	31
-heat emissions at 1600mm high	32
-heat emissions at 1700mm high	33
-heat emissions at 1800mm high	34
-heat emissions at 1900mm high	35
-heat emissions at 2000mm high	36
-heat emissions at 2100mm high	37
-heat emissions at 2200mm high	38
-heat emissions at 2300mm high	39
-heat emissions at 2400mm high	40
-heat emissions at 2500 mm high	41
-heat emissions at 2600mm high	42
-heat emissions at 2700mm high	43
-heat emissions at 2800mm high	44
-heat emissions at 2900mm high	45
-heat emissions at 3000mm high	46
Applications, Piping & Connection Details, Bracket Details	47-48
Features & Options	49-50
Sample Installation Sheets	51-52
Resistance	53
Correction Factors	54
Radiators Available from Stock	55
How to Order	56

Specification

Paint

Quinn Merriott uses a painting process developed for the automobile industry. In pre-treatment, the radiators go through a series of washes which degrease the steel. An Iron phosphate rinse passivates the surface prior to painting.

The primer coat is applied by immersion in an electrophoretic bath to give total cover of the bare steel and maximum corrosion protection. This coat is baked at 200°C. The durable topcoat (epoxy polyester powder) is electrostatically applied and stove enamel baked at 200°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 and BS colours are available, at a surcharge, on request.

Sizing & Heat Emissions

Quinn Merriott column radiators offer emissions ranging from 490 watts to 8333 watts per metre at $\Delta T50^{\circ}\text{C}$. Comprehensive sizing and emission charts are included in this catalogue.

Height

The height of the radiator increases in increments of 100mm, from a minimum of 300mm through to 3000mm, for both double and single columns. For radiators of lengths exceeding 900mm, the height is limited to 900mm.

Length

The radiator length always relates to the overall front column length, and increases in increments of one element, from a minimum of two elements through to 3000mm. For radiators of height exceeding 900mm, length is limited to 900mm. Where columns are joined, special joiner pieces are available to give the visual effect of one column. Contact the sales office for further details.

Dimensional Tolerances

Dimensional tolerances are in accordance with **EN442**.

Tubes

Tubes are available in two sizes, 70mm x 11mm and 35mm x 11mm which gives two different models in both single and double configurations.

Element Pitch

An element pitch of 40mm or 50mm is standard on 70mm tubes and 35mm pitch on 35mm tubes. For other pitches contact Quinn Merriott sales office.

Materials

Quinn Merriott radiators are manufactured from flat steel tube, 70mm x 11mm x 1.5 or 35mm x 11mm x 1.3mm.

Operating Pressures

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

Other Operating Pressures

Available on request.

Connections

Standard connections are 1/2" (15mm) Bottom/Bottom Opposite Ends (BBOE) with 1/2" (15mm) air vent at A & C.
– Other combinations including TBSE, TBOE, BOE, TOE & TTOE

Note: Combinations must be stated at time of ordering.

Mountings

The upper header of the radiator locates securely and simply on wall-mounted brackets. Radiators up to 1000mm in length are supplied with two mounting brackets. Longer radiators are supplied with one additional bracket for each additional 1000mm in length or part thereof. Radiators above 1000mm in height are stiffened by rear midway braces. Floor-mounted options are available on request.

Security Mounting

A special security bracket is available for use in detention centres or other areas where security is paramount.

Weights

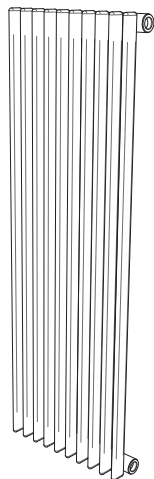
In the interest of safety, all column radiators in excess of 150kg will be delivered in two pieces and connected on site by means of a connector piece supplied with the radiator.

Column Radiators Introduction & Overview

Single Vertical Column Radiators

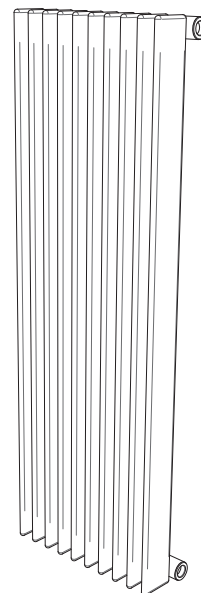
S35

Single column radiator
with 35mm wide elements



S70

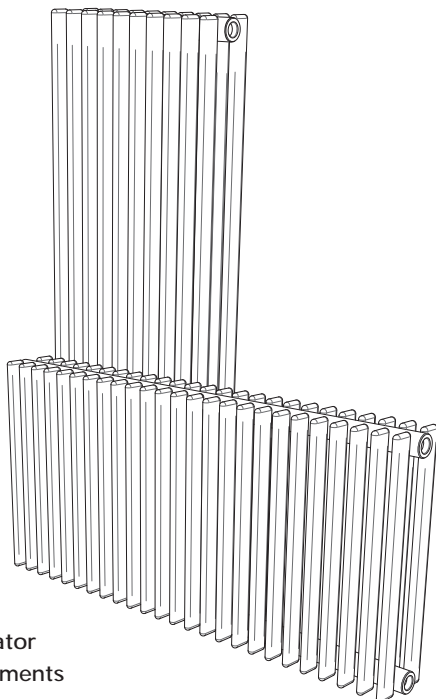
Single column radiator
with 70mm wide elements



Double Vertical Column Radiators

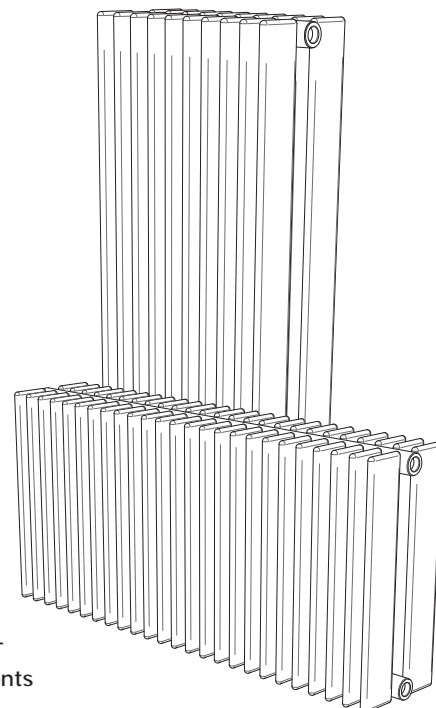
D35

Double column radiator
with 35mm wide elements



D70

Double column radiator
with 70mm wide elements



S35, S70, D35 and D70 are available as standard.

Height ranges from 300mm through to 3000mm in increments of 100mm.

Length ranges from a minimum of two elements to 3000mm in increments of the column pitch.

For radiators of length exceeding 900mm, height is limited to 900mm (see outsize columns/split columns pages 51 & 52).

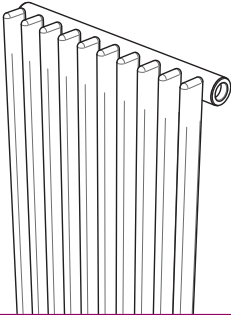
For types S70 and D70 the standard pitch, or distances between columns, are 40mm and 50mm, whereas for types S35 and D35 the standard pitch is 35mm.

Data Chart

S35

Heights
from 300 to 3000mm in increments of 100mm

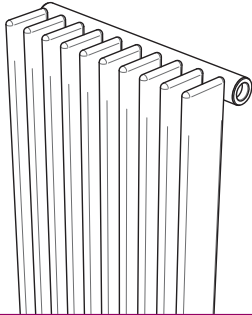
Lengths
from 2 elements to 3000mm in increments of one element



S70

Heights
from 300 to 3000mm in increments of 100mm

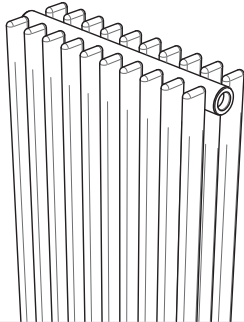
Lengths
from 2 elements to 3000mm in increments of one element



D35

Heights
from 300 to 3000mm in increments of 100mm

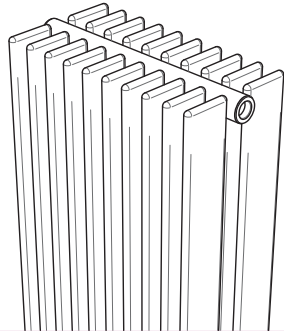
Lengths
from 2 elements to 3000mm in increments of one element



D70

Heights
from 300 to 3000mm in increments of 100mm

Lengths
from 2 elements to 3000mm in increments of one element



Technical data per element

Style:	
Heights mtr	Heights mm
0.3	300
0.4	400
0.5	500
0.6	600
0.7	700
0.8	800
0.9	900
1	1000
1.1	1100
1.2	1200
1.3	1300
1.4	1400
1.5	1500
1.6	1600
1.7	1700
1.8	1800
1.9	1900
2	2000
2.1	2100
2.2	2200
2.3	2300
2.4	2400
2.5	2500
2.6	2600
2.7	2700
2.8	2800
2.9	2900
3	3000

S35	
Water Content litres	Dry Weight kg
0.14	0.34
0.16	0.42
0.19	0.50
0.21	0.58
0.23	0.66
0.26	0.74
0.28	0.82
0.31	0.90
0.33	0.98
0.36	1.06
0.38	1.14
0.40	1.22
0.43	1.30
0.45	1.38
0.48	1.46
0.50	1.54
0.52	1.62
0.55	1.70
0.57	1.78
0.60	1.86
0.62	1.94
0.65	2.02
0.67	2.10
0.69	2.18
0.72	2.26
0.74	2.34
0.77	2.42
0.79	2.50

D35	
Water Content litres	Dry Weight kg
0.22	0.55
0.27	0.74
0.33	0.97
0.38	1.15
0.43	1.32
0.48	1.50
0.53	1.67
0.59	1.85
0.64	2.08
0.69	2.32
0.74	2.42
0.80	2.52
0.85	2.70
0.90	2.88
0.95	3.11
1.00	3.35
1.06	3.57
1.11	3.80
1.16	3.97
1.21	4.15
1.27	4.32
1.32	4.50
1.37	4.70
1.42	4.90
1.47	5.10
1.53	5.24
1.58	5.43
1.63	5.62

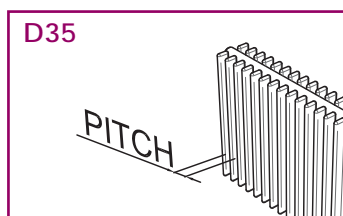
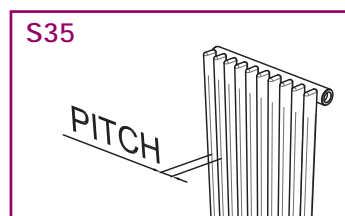
Technical data per elements

S70	
Water Content litres	Dry Weight kg
0.21	0.58
0.26	0.74
0.31	0.90
0.36	1.06
0.40	1.22
0.45	1.38
0.50	1.54
0.55	1.70
0.60	1.86
0.65	2.02
0.69	2.18
0.74	2.34
0.79	2.50
0.84	2.66
0.89	2.82
0.94	2.98
0.98	3.14
1.03	3.30
1.08	3.46
1.13	3.62
1.18	3.78
1.23	3.94
1.28	4.10
1.32	4.26
1.37	4.42
1.42	4.58
1.47	4.74
1.52	4.90

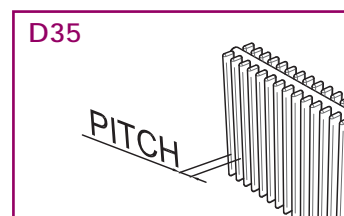
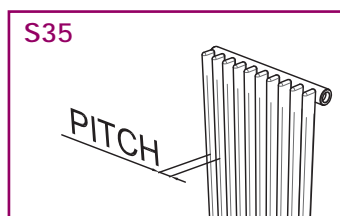
D70	
Water Content litres	Dry Weight kg
0.38	1.18
0.48	1.54
0.59	1.93
0.69	2.29
0.80	2.64
0.90	3.00
1.00	3.36
1.11	3.72
1.21	4.08
1.32	4.45
1.42	4.81
1.53	5.18
1.63	5.54
1.74	5.91
1.84	6.27
1.94	6.64
2.05	7.01
2.15	7.38
2.26	7.74
2.36	8.11
2.47	8.48
2.57	8.85
2.68	9.21
2.78	9.56
2.89	9.93
2.99	10.29
3.09	10.66
3.20	11.02

Heat Emissions - S35 / D35

Height 300mm



Height 400mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
6	210
8	280
10	350
12	420
14	490
16	560
18	630
20	700
22	770
24	840
26	910
28	980
30	1050
32	1120
34	1190
36	1260
38	1330
40	1400
42	1470
44	1540
46	1610
48	1680
50	1750
52	1820
54	1890
56	1960
58	2030
60	2100
62	2170
64	2240
66	2310
68	2380
70	2450
72	2520
74	2590
76	2660
78	2730
80	2800
82	2870
84	2940
86	3010

S35 35mm	
16.9	19.6
$\Delta T50$	$\Delta T56$
68	78
101	117
135	157
169	196
203	235
237	274
270	313
304	352
338	392
372	431
406	470
439	509
473	548
507	587
541	627
575	666
608	705
642	744
676	783
710	822
744	862
777	901
811	940
845	979
879	1018
913	1057
946	1097
980	1136
1014	1175
1048	1214
1082	1253
1115	1292
1149	1332
1183	1371
1217	1410
1251	1449
1284	1488
1318	1527
1352	1567
1386	1606
1420	1645
1453	1684

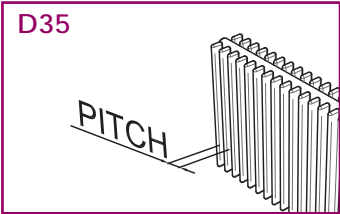
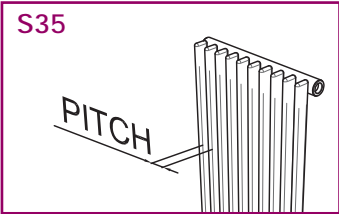
D35 35mm	
25.6	29.7
$\Delta T50$	$\Delta T56$
102	119
154	178
205	237
256	297
307	356
358	415
410	475
461	534
512	593
563	653
614	712
666	771
717	831
768	890
819	949
870	1009
922	1068
973	1127
1024	1187
1075	1246
1126	1305
1178	1364
1229	1424
1280	1483
1331	1542
1382	1602
1434	1661
1485	1720
1536	1780
1587	1839
1638	1898
1690	1958
1741	2017
1792	2076
1843	2136
1894	2195
1946	2254
1997	2314
2048	2373
2099	2432
2150	2492
2202	2551

S35 35mm	
21.6	25.0
$\Delta T50$	$\Delta T56$
86	100
130	150
173	200
216	250
259	300
302	350
346	400
389	451
432	501
475	551
518	601
562	651
605	701
648	751
691	801
734	851
778	901
821	951
864	1001
907	1051
950	1101
994	1151
1037	1201
1080	1251
1123	1301
1166	1352
1210	1402
1253	1452
1296	1502
1339	1552
1382	1602
1426	1652
1469	1702
1512	1752
1555	1802
1598	1852
1642	1902
1685	1952
1728	2002
1771	2052
1814	2102
1858	2152

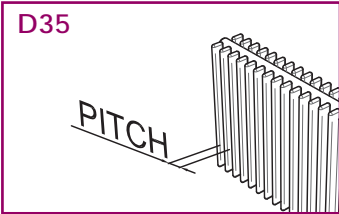
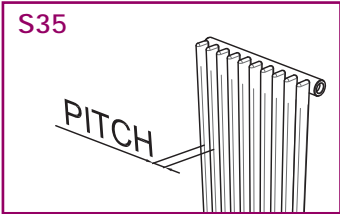
D35 35mm	
34.0	39.4
$\Delta T50$	$\Delta T56$
136	158
204	236
272	315
340	394
408	473
476	552
544	630
612	709
680	788
748	867
816	945
884	1024
952	1103
1020	1182
1088	1261
1156	1339
1224	1418
1292	1497
1360	1576
1428	1655
1496	1733
1564	1812
1632	1891
1700	1970
1768	2049
1836	2127
1904	2206
1972	2285
2040	2364
2108	2443
2176	2521
2244	2600
2312	2679
2380	2758
2448	2836
2516	2915
2584	2994
2652	3073
2720	3152
2788	3230
2856	3309
2924	3388

Heat Emissions - S35 / D35

Height 500mm



Height 600mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
6	210
8	280
10	350
12	420
14	490
16	560
18	630
20	700
22	770
24	840
26	910
28	980
30	1050
32	1120
34	1190
36	1260
38	1330
40	1400
42	1470
44	1540
46	1610
48	1680
50	1750
52	1820
54	1890
56	1960
58	2030
60	2100
62	2170
64	2240
66	2310
68	2380
70	2450
72	2520
74	2590
76	2660
78	2730
80	2800
82	2870
84	2940
86	3010

S35 35mm	
26.1	30.0
ΔT50	ΔT56
104	120
157	180
209	240
261	300
313	360
365	420
418	480
470	540
522	600
574	660
626	720
679	780
731	840
783	900
835	960
887	1020
940	1080
992	1140
1044	1200
1096	1260
1148	1320
1201	1380
1253	1440
1305	1500
1357	1560
1409	1620
1462	1680
1514	1740
1566	1800
1618	1860
1670	1920
1723	1980
1775	2040
1827	2100
1879	2160
1931	2220
1984	2280
2036	2340
2088	2400
2140	2460
2192	2520
2245	2580

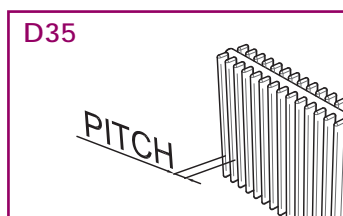
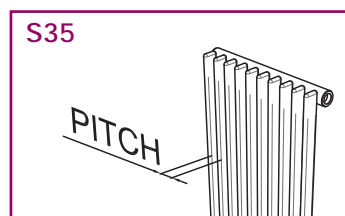
D35 35mm	
42.2	48.9
ΔT50	ΔT56
169	196
253	293
338	391
422	489
506	587
591	685
675	782
760	880
844	978
928	1076
1013	1174
1097	1271
1182	1369
1266	1467
1350	1565
1435	1663
1519	1760
1604	1858
1688	1956
1772	2054
1857	2151
1941	2249
2026	2347
2110	2445
2194	2543
2279	2640
2363	2738
2448	2836
2532	2934
2616	3032
2701	3129
2785	3227
2870	3325
2954	3423
3038	3521
3123	3618
3207	3716
3292	3814
3376	3912
3460	4010
3545	4107
3629	4205

S35 35mm	
30.5	35.3
ΔT50	ΔT56
122	141
183	212
244	283
305	353
366	424
427	495
488	565
549	636
610	707
671	777
732	848
793	919
854	990
915	1060
976	1131
1037	1202
1098	1272
1159	1343
1220	1414
1281	1484
1342	1555
1403	1626
1464	1696
1525	1767
1586	1838
1647	1908
1708	1979
1769	2050
1830	2120
1891	2191
1952	2262
2013	2332
2074	2403
2135	2474
2196	2545
2257	2615
2318	2686
2379	2757
2440	2827
2501	2898
2562	2969
2623	3039

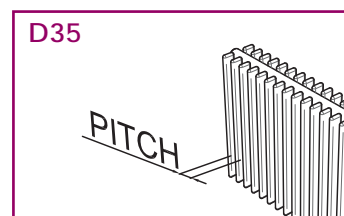
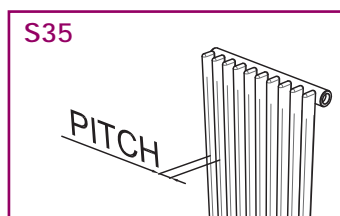
D35 35mm	
49.6	57.5
ΔT50	ΔT56
198	230
298	345
397	460
496	575
595	690
694	805
794	920
893	1034
992	1149
1091	1264
1190	1379
1290	1494
1389	1609
1488	1724
1587	1839
1686	1954
1786	2069
1885	2184
1984	2299
2083	2414
2182	2529
2282	2644
2381	2759
2480	2874
2579	2989
2678	3103
2778	3218
2877	3333
2976	3448
3075	3563
3174	3678
3274	3793
3373	3908
3472	4023
3571	4138
3670	4253
3770	4368
3869	4483
3968	4598
4067	4713
4166	4828
4266	4943

Heat Emissions - S35 / D35

Height 700mm



Height 800mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
6	210
8	280
10	350
12	420
14	490
16	560
18	630
20	700
22	770
24	840
26	910
28	980
30	1050
32	1120
34	1190
36	1260
38	1330
40	1400
42	1470
44	1540
46	1610
48	1680
50	1750
52	1820
54	1890
56	1960
58	2030
60	2100
62	2170
64	2240
66	2310
68	2380
70	2450
72	2520
74	2590
76	2660
78	2730
80	2800
82	2870
84	2940
86	3010

S35 35mm	
34.8	40.3
ΔT50	ΔT56
139	161
209	242
278	323
348	403
418	484
487	564
557	645
626	726
696	806
766	887
835	968
905	1048
974	1129
1044	1210
1114	1290
1183	1371
1253	1452
1322	1532
1392	1613
1462	1693
1531	1774
1601	1855
1670	1935
1740	2016
1810	2097
1879	2177
1949	2258
2018	2339
2088	2419
2158	2500
2227	2580
2297	2661
2366	2742
2436	2822
2506	2903
2575	2984
2645	3064
2714	3145
2784	3226
2854	3306
2923	3387
2993	3468

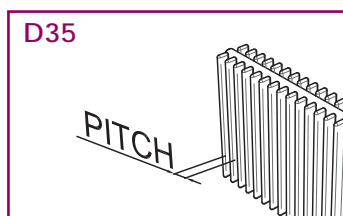
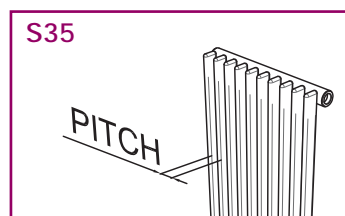
D35 35mm	
56.8	65.8
ΔT50	ΔT56
227	263
341	395
454	527
568	658
682	790
795	921
909	1053
1022	1185
1136	1316
1250	1448
1363	1580
1477	1711
1590	1843
1704	1974
1818	2106
1931	2238
2045	2369
2158	2501
2272	2633
2386	2764
2499	2896
2613	3027
2726	3159
2840	3291
2954	3422
3067	3554
3181	3686
3294	3817
3408	3949
3522	4080
3635	4212
3749	4344
3862	4475
3976	4607
4090	4739
4203	4870
4317	5002
4430	5134
4544	5265
4658	5397
4771	5528
4885	5660

S35 35mm	
39.1	45.3
ΔT50	ΔT56
156	181
235	272
313	362
391	453
469	544
547	634
626	725
704	815
782	906
860	997
938	1087
1017	1178
1095	1269
1173	1359
1251	1450
1329	1540
1408	1631
1486	1722
1564	1812
1642	1903
1720	1993
1799	2084
1877	2175
1955	2265
2033	2356
2111	2446
2190	2537
2268	2628
2346	2718
2424	2809
2502	2900
2581	2990
2659	3081
2737	3171
2815	3262
2893	3353
2972	3443
3050	3534
3128	3624
3206	3715
3284	3806
3363	3896

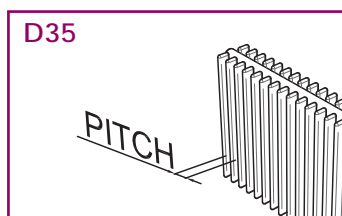
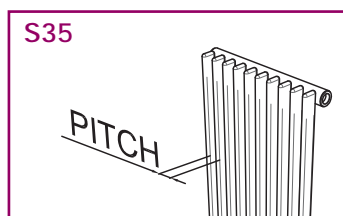
D35 35mm	
63.7	73.8
ΔT50	ΔT56
255	295
382	443
510	590
637	738
764	886
892	1033
1019	1181
1147	1329
1274	1476
1401	1624
1529	1771
1656	1919
1784	2067
1911	2214
2038	2362
2166	2510
2293	2657
2421	2805
2548	2952
2675	3100
2803	3248
2930	3395
3058	3543
3185	3690
3312	3838
3440	3986
3567	4133
3695	4281
3822	4429
3949	4576
4077	4724
4204	4871
4332	5019
4459	5167
4586	5314
4714	5462
4841	5609
4969	5757
5096	5905
5223	6052
5351	6200
5478	6348

Heat Emissions - S35 / D35

Height 900mm



Height 1000mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
6	210
8	280
10	350
12	420
14	490
16	560
18	630
20	700
22	770
24	840
26	910
28	980
30	1050
32	1120
34	1190
36	1260
38	1330
40	1400
42	1470
44	1540
46	1610
48	1680
50	1750
52	1820
54	1890

S35 35mm	
43.4 $\Delta T50$	50.3 $\Delta T56$
174	201
260	302
347	402
434	503
521	603
608	704
694	805
781	905
868	1006
955	1106
1042	1207
1128	1307
1215	1408
1302	1509
1389	1609
1476	1710
1562	1810
1649	1911
1736	2012
1823	2112
1910	2213
1996	2313
2083	2414
2170	2514
2257	2615
2344	2716

D35 35mm	
70.4 $\Delta T50$	81.6 $\Delta T56$
282	326
422	489
563	653
704	816
845	979
986	1142
1126	1305
1267	1468
1408	1631
1549	1795
1690	1958
1830	2121
1971	2284
2112	2447
2253	2610
2394	2773
2534	2937
2675	3100
2816	3263
2957	3426
3098	3589
3238	3752
3379	3915
3520	4079
3661	4242
3802	4405

S35 35mm	
47.7 $\Delta T50$	55.3 $\Delta T56$
191	221
286	332
382	442
477	553
572	663
668	774
763	884
859	995
954	1105
1049	1216
1145	1326
1240	1437
1336	1548
1431	1658
1526	1769
1622	1879
1717	1990
1813	2100
1908	2211
2003	2321
2099	2432
2194	2542
2290	2653
2385	2763
2480	2874
2576	2985

D35 35mm	
77.0 $\Delta T50$	89.2 $\Delta T56$
308	357
462	535
616	714
770	892
924	1071
1078	1249
1232	1428
1386	1606
1540	1784
1694	1963
1848	2141
2002	2320
2156	2498
2310	2677
2464	2855
2618	3033
2772	3212
2926	3390
3080	3569
3234	3747
3388	3926
3542	4104
3696	4283
3850	4461
4004	4639
4158	4818

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

56	1960
58	2030
60	2100
62	2170
64	2240
66	2310
68	2380
70	2450
72	2520
74	2590
76	2660
78	2730
80	2800
82	2870
84	2940
86	3010

2430	2816
2517	2917
2604	3017
2691	3118
2778	3218
2864	3319
2951	3420
3038	3520
3125	3621
3212	3721
3298	3822
3385	3922
3472	4023
3559	4124
3646	4224
3732	4325

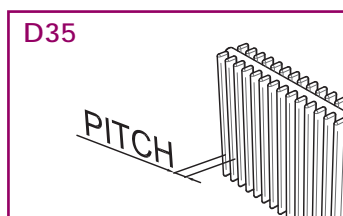
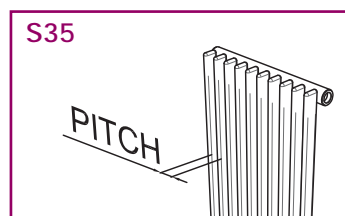
3942	4568
4083	4731
4224	4894
4365	5057
4506	5221
4646	5384
4787	5547
4928	5710
5069	5873
5210	6036
5350	6200
5491	6363
5632	6526
5773	6689
5914	6852
6054	7015

2671	3095
2767	3206
2862	3316
2957	3427
3053	3537
3148	3648
3244	3758
3339	3869
3434	3979
3530	4090
3625	4201
3721	4311
3816	4422
3911	4532
4007	4643
4102	4753

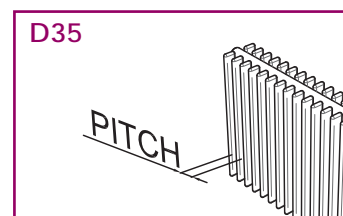
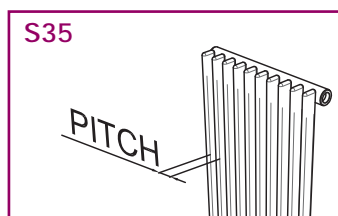
4312	4996
4466	5175
4620	5353
4774	5532
4928	5710
5082	5889
5236	6067
5390	6245
5544	6424
5698	6602
5852	6781
6006	6959
6160	7138
6314	7316
6468	7494
6622	7673

Heat Emissions - S35 / D35

Height 1100mm



Height 1200mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
51.65 $\Delta T50$	59.8 $\Delta T56$
207	239
258	299
310	359
362	419
413	479
465	539
517	598
568	658
620	718
671	778
723	838
775	898
826	958
878	1017
930	1077
981	1137
1033	1197
1085	1257
1136	1317
1188	1376
1240	1436
1291	1496
1343	1556
1395	1616
1446	1676
1498	1736

D35 35mm	
83.2 $\Delta T50$	96.4 $\Delta T56$
333	386
416	482
499	578
582	675
666	771
749	868
832	964
915	1060
998	1157
1082	1253
1165	1350
1248	1446
1331	1542
1414	1639
1498	1735
1581	1832
1664	1928
1747	2024
1830	2121
1914	2217
1997	2314
2080	2410
2163	2506
2246	2603
2330	2699
2413	2796

S35 35mm	
56.2 $\Delta T50$	65.1 $\Delta T56$
225	260
281	326
337	391
393	456
450	521
506	586
562	651
618	716
674	781
731	847
787	912
843	977
899	1042
955	1107
1012	1172
1068	1237
1124	1302
1180	1367
1236	1433
1293	1498
1349	1563
1405	1628
1461	1693
1517	1758
1574	1823
1630	1888

D35 35mm	
89.4 $\Delta T50$	103.6 $\Delta T56$
358	414
447	518
536	622
626	725
715	829
805	932
894	1036
983	1139
1073	1243
1162	1347
1252	1450
1341	1554
1430	1657
1520	1761
1609	1865
1699	1968
1788	2072
1877	2175
1967	2279
2056	2383
2146	2486
2235	2590
2324	2693
2414	2797
2503	2900
2593	3004

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

1550	1795
1601	1855
1653	1915
1704	1975
1756	2035
1808	2095
1859	2154
1911	2214
1963	2274
2014	2334
2066	2394
2118	2454
2169	2514
2221	2573
2273	2633
2324	2693

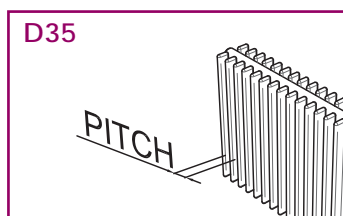
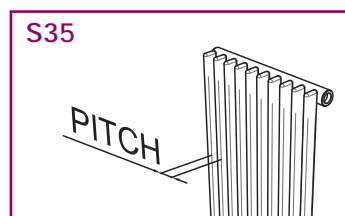
2496	2892
2579	2989
2662	3085
2746	3181
2829	3278
2912	3374
2995	3471
3078	3567
3162	3663
3245	3760
3328	3856
3411	3953
3494	4049
3578	4145
3661	4242
3744	4338

1686	1954
1742	2019
1798	2084
1855	2149
1911	2214
1967	2279
2023	2344
2079	2409
2136	2475
2192	2540
2248	2605
2304	2670
2360	2735
2417	2800
2473	2865
2529	2930

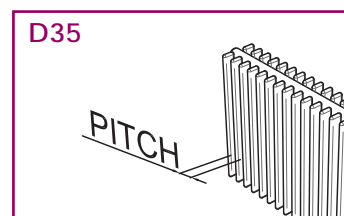
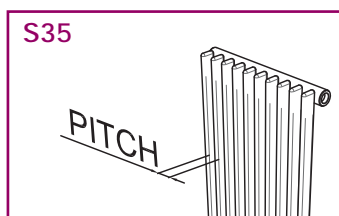
2682	3108
2771	3211
2861	3315
2950	3418
3040	3522
3129	3626
3218	3729
3308	3833
3397	3936
3487	4040
3576	4144
3665	4247
3755	4351
3844	4454
3934	4558
4023	4661

Heat Emissions - S35 / D35

Height 1300mm



Height 1400mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
60.45	70.0
ΔT50	ΔT56
242	280
302	350
363	420
423	490
484	560
544	630
605	700
665	770
725	841
786	911
846	981
907	1051
967	1121
1028	1191
1088	1261
1149	1331
1209	1401
1269	1471
1330	1541
1390	1611
1451	1681
1511	1751
1572	1821
1632	1891
1693	1961
1753	2031

D35 35mm	
95.2	110.3
ΔT50	ΔT56
381	441
476	552
571	662
666	772
762	882
857	993
952	1103
1047	1213
1142	1324
1238	1434
1333	1544
1428	1655
1523	1765
1618	1875
1714	1986
1809	2096
1904	2206
1999	2316
2094	2427
2190	2537
2285	2647
2380	2758
2475	2868
2570	2978
2666	3089
2761	3199

S35 35mm	
65	75.3
ΔT50	ΔT56
260	301
325	377
390	452
455	527
520	603
585	678
650	753
715	828
780	904
845	979
910	1054
975	1130
1040	1205
1105	1280
1170	1356
1235	1431
1300	1506
1365	1582
1430	1657
1495	1732
1560	1808
1625	1883
1690	1958
1755	2034
1820	2109
1885	2184

D35 35mm	
101	117.0
ΔT50	ΔT56
404	468
505	585
606	702
707	819
808	936
909	1053
1010	1170
1111	1287
1212	1404
1313	1521
1414	1638
1515	1755
1616	1872
1717	1989
1818	2107
1919	2224
2020	2341
2121	2458
2222	2575
2323	2692
2424	2809
2525	2926
2626	3043
2727	3160
2828	3277
2929	3394

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

1814	2101
1874	2171
1934	2241
1995	2311
2055	2381
2116	2452
2176	2522
2237	2592
2297	2662
2358	2732
2418	2802
2478	2872
2539	2942
2599	3012
2660	3082
2720	3152

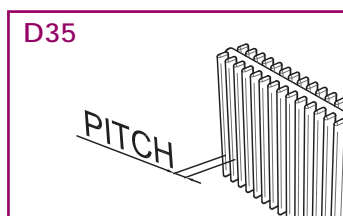
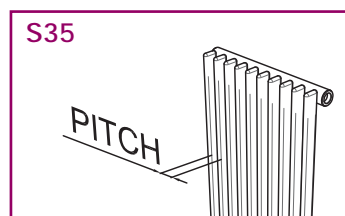
2856	3309
2951	3420
3046	3530
3142	3640
3237	3750
3332	3861
3427	3971
3522	4081
3618	4192
3713	4302
3808	4412
3903	4523
3998	4633
4094	4743
4189	4854
4284	4964

1950	2259
2015	2335
2080	2410
2145	2485
2210	2561
2275	2636
2340	2711
2405	2787
2470	2862
2535	2937
2600	3013
2665	3088
2730	3163
2795	3239
2860	3314
2925	3389

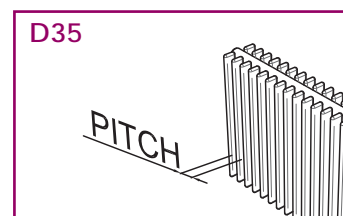
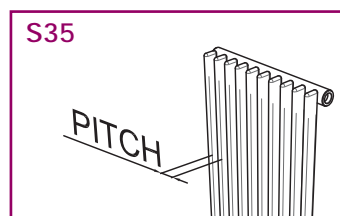
3030	3511
3131	3628
3232	3745
3333	3862
3434	3979
3535	4096
3636	4213
3737	4330
3838	4447
3939	4564
4040	4681
4141	4798
4242	4915
4343	5032
4444	5149
4545	5266

Heat Emissions - S35 / D35

Height 1500mm



Height 1600mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
69	80.0
ΔT50	ΔT56
276	320
345	400
414	480
483	560
552	640
621	720
690	800
759	879
828	959
897	1039
966	1119
1035	1199
1104	1279
1173	1359
1242	1439
1311	1519
1380	1599
1449	1679
1518	1759
1587	1839
1656	1919
1725	1999
1794	2079
1863	2159
1932	2239
2001	2319

D35 35mm	
107	124.0
ΔT50	ΔT56
428	496
535	620
642	744
749	868
856	992
963	1116
1070	1240
1177	1364
1284	1488
1391	1612
1498	1736
1605	1860
1712	1984
1819	2108
1926	2232
2033	2356
2140	2480
2247	2604
2354	2728
2461	2852
2568	2976
2675	3100
2782	3224
2889	3347
2996	3471
3103	3595

S35 35mm	
73.3	84.9
ΔT50	ΔT56
293	340
367	425
440	510
513	595
586	679
660	764
733	849
806	934
880	1019
953	1104
1026	1189
1100	1274
1173	1359
1246	1444
1319	1529
1393	1614
1466	1699
1539	1784
1613	1869
1686	1953
1759	2038
1833	2123
1906	2208
1979	2293
2052	2378
2126	2463

D35 35mm	
112	129.8
ΔT50	ΔT56
448	519
560	649
672	779
784	908
896	1038
1008	1168
1120	1298
1232	1428
1344	1557
1456	1687
1568	1817
1680	1947
1792	2076
1904	2206
2016	2336
2128	2466
2240	2595
2352	2725
2464	2855
2576	2985
2688	3115
2800	3244
2912	3374
3024	3504
3136	3634
3248	3763

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

2070	2399
2139	2478
2208	2558
2277	2638
2346	2718
2415	2798
2484	2878
2553	2958
2622	3038
2691	3118
2760	3198
2829	3278
2898	3358
2967	3438
3036	3518
3105	3598

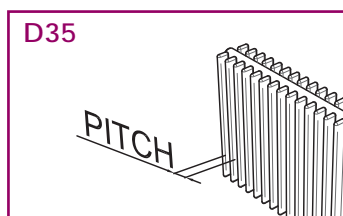
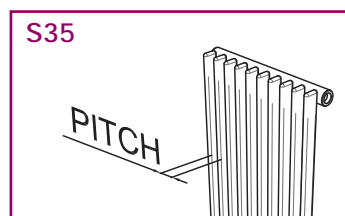
3210	3719
3317	3843
3424	3967
3531	4091
3638	4215
3745	4339
3852	4463
3959	4587
4066	4711
4173	4835
4280	4959
4387	5083
4494	5207
4601	5331
4708	5455
4815	5579

2199	2548
2272	2633
2346	2718
2419	2803
2492	2888
2566	2973
2639	3058
2712	3143
2785	3227
2859	3312
2932	3397
3005	3482
3079	3567
3152	3652
3225	3737
3299	3822

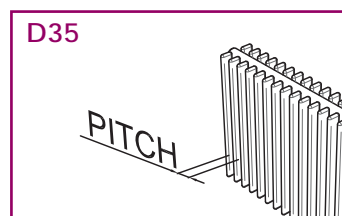
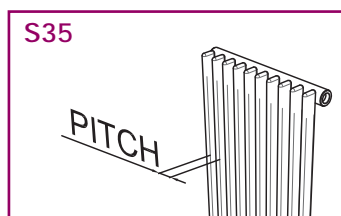
3360	3893
3472	4023
3584	4153
3696	4283
3808	4412
3920	4542
4032	4672
4144	4802
4256	4931
4368	5061
4480	5191
4592	5321
4704	5451
4816	5580
4928	5710
5040	5840

Heat Emissions - S35 / D35

Height 1700mm



Height 1800mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
77.6	89.9
ΔT50	ΔT56
310	360
388	450
466	539
543	629
621	719
698	809
776	899
854	989
931	1079
1009	1169
1086	1259
1164	1349
1242	1439
1319	1529
1397	1618
1474	1708
1552	1798
1630	1888
1707	1978
1785	2068
1862	2158
1940	2248
2018	2338
2095	2428
2173	2518
2250	2608

D35 35mm	
117.5	136.1
ΔT50	ΔT56
470	545
588	681
705	817
823	953
940	1089
1058	1225
1175	1361
1293	1498
1410	1634
1528	1770
1645	1906
1763	2042
1880	2178
1998	2315
2115	2451
2233	2587
2350	2723
2468	2859
2585	2995
2703	3131
2820	3268
2938	3404
3055	3540
3173	3676
3290	3812
3408	3948

S35 35mm	
81.9	94.9
ΔT50	ΔT56
328	380
410	474
491	569
573	664
655	759
737	854
819	949
901	1044
983	1139
1065	1234
1147	1329
1229	1423
1310	1518
1392	1613
1474	1708
1556	1803
1638	1898
1720	1993
1802	2088
1884	2183
1966	2278
2048	2372
2129	2467
2211	2562
2293	2657
2375	2752

D35 35mm	
123	142.5
ΔT50	ΔT56
492	570
615	713
738	855
861	998
984	1140
1107	1283
1230	1425
1353	1568
1476	1710
1599	1853
1722	1995
1845	2138
1968	2280
2091	2423
2214	2565
2337	2708
2460	2850
2583	2993
2706	3135
2829	3278
2952	3420
3075	3563
3198	3706
3321	3848
3444	3991
3567	4133

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

2328	2697
2406	2787
2483	2877
2561	2967
2638	3057
2716	3147
2794	3237
2871	3327
2949	3417
3026	3507
3104	3597
3182	3687
3259	3776
3337	3866
3414	3956
3492	4046

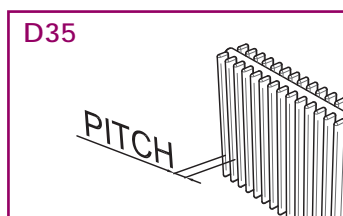
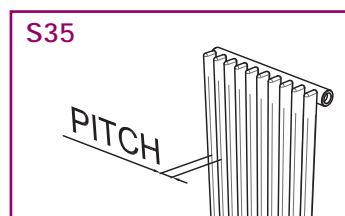
3525	4084
3643	4221
3760	4357
3878	4493
3995	4629
4113	4765
4230	4901
4348	5037
4465	5174
4583	5310
4700	5446
4818	5582
4935	5718
5053	5854
5170	5990
5288	6127

2457	2847
2539	2942
2621	3037
2703	3132
2785	3227
2867	3321
2948	3416
3030	3511
3112	3606
3194	3701
3276	3796
3358	3891
3440	3986
3522	4081
3604	4175
3686	4270

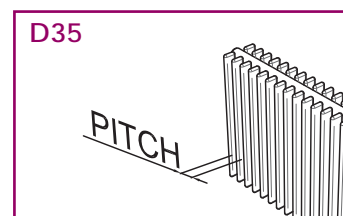
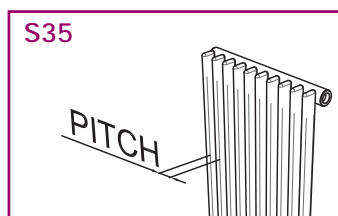
3690	4276
3813	4418
3936	4561
4059	4703
4182	4846
4305	4988
4428	5131
4551	5273
4674	5416
4797	5558
4920	5701
5043	5843
5166	5986
5289	6128
5412	6271
5535	6413

Heat Emissions - S35 / D35

Height 1900mm



Height 2000mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
86.3	100.0
$\Delta T50$	$\Delta T56$
345	400
432	500
518	600
604	700
690	800
777	900
863	1000
949	1100
1036	1200
1122	1300
1208	1400
1295	1500
1381	1600
1467	1700
1553	1800
1640	1900
1726	2000
1812	2100
1899	2200
1985	2300
2071	2400
2158	2500
2244	2600
2330	2700
2416	2800
2503	2900

D35 35mm	
128	148.3
$\Delta T50$	$\Delta T56$
512	593
640	742
768	890
896	1038
1024	1187
1152	1335
1280	1483
1408	1631
1536	1780
1664	1928
1792	2076
1920	2225
2048	2373
2176	2521
2304	2670
2432	2818
2560	2966
2688	3115
2816	3263
2944	3411
3072	3560
3200	3708
3328	3856
3456	4004
3584	4153
3712	4301

S35 35mm	
90.7	105.1
$\Delta T50$	$\Delta T56$
363	420
454	525
544	631
635	736
726	841
816	946
907	1051
998	1156
1088	1261
1179	1366
1270	1471
1361	1576
1451	1682
1542	1787
1633	1892
1723	1997
1814	2102
1905	2207
1995	2312
2086	2417
2177	2522
2268	2627
2358	2732
2449	2838
2540	2943
2630	3048

D35 35mm	
142	164.5
$\Delta T50$	$\Delta T56$
568	658
710	823
852	987
994	1152
1136	1316
1278	1481
1420	1645
1562	1810
1704	1974
1846	2139
1988	2303
2130	2468
2272	2633
2414	2797
2556	2962
2698	3126
2840	3291
2982	3455
3124	3620
3266	3784
3408	3949
3550	4113
3692	4278
3834	4442
3976	4607
4118	4772

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

2589	3000
2675	3100
2762	3200
2848	3300
2934	3400
3021	3500
3107	3600
3193	3700
3279	3800
3366	3900
3452	4000
3538	4100
3625	4200
3711	4300
3797	4400
3884	4500

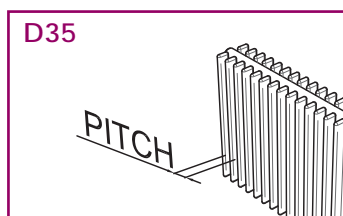
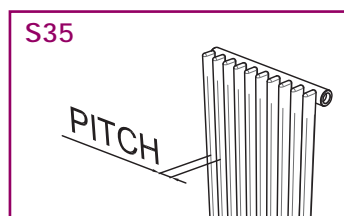
3840	4449
3968	4598
4096	4746
4224	4894
4352	5043
4480	5191
4608	5339
4736	5488
4864	5636
4992	5784
5120	5933
5248	6081
5376	6229
5504	6377
5632	6526
5760	6674

2721	3153
2812	3258
2902	3363
2993	3468
3084	3573
3175	3678
3265	3783
3356	3888
3447	3994
3537	4099
3628	4204
3719	4309
3809	4414
3900	4519
3991	4624
4082	4729

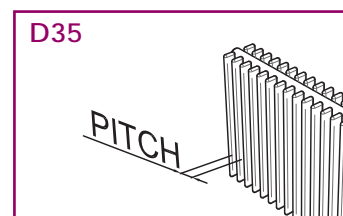
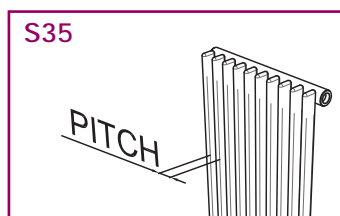
4260	4936
4402	5101
4544	5265
4686	5430
4828	5594
4970	5759
5112	5923
5254	6088
5396	6252
5538	6417
5680	6581
5822	6746
5964	6910
6106	7075
6248	7240
6390	7404

Heat Emissions - S35 / D35

Height 2100mm



Height 2200mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
95.1 $\Delta T50$	110.2 $\Delta T56$
380	441
476	551
571	661
666	771
761	882
856	992
951	1102
1046	1212
1141	1322
1236	1433
1331	1543
1427	1653
1522	1763
1617	1873
1712	1983
1807	2094
1902	2204
1997	2314
2092	2424
2187	2534
2282	2645
2378	2755
2473	2865
2568	2975
2663	3085
2758	3196

D35 35mm	
137.5 $\Delta T50$	159.3 $\Delta T56$
550	637
688	797
825	956
963	1115
1100	1275
1238	1434
1375	1593
1513	1753
1650	1912
1788	2071
1925	2230
2063	2390
2200	2549
2338	2708
2475	2868
2613	3027
2750	3186
2888	3346
3025	3505
3163	3664
3300	3824
3438	3983
3575	4142
3713	4302
3850	4461
3988	4620

S35 35mm	
99.5 $\Delta T50$	115.3 $\Delta T56$
398	461
498	576
597	692
697	807
796	922
896	1038
995	1153
1095	1268
1194	1383
1294	1499
1393	1614
1493	1729
1592	1845
1692	1960
1791	2075
1891	2191
1990	2306
2090	2421
2189	2536
2289	2652
2388	2767
2488	2882
2587	2998
2687	3113
2786	3228
2886	3343

D35 35mm	
142 $\Delta T50$	164.5 $\Delta T56$
568	658
710	823
852	987
994	1152
1136	1316
1278	1481
1420	1645
1562	1810
1704	1974
1846	2139
1988	2303
2130	2468
2272	2633
2414	2797
2556	2962
2698	3126
2840	3291
2982	3455
3124	3620
3266	3784
3408	3949
3550	4113
3692	4278
3834	4442
3976	4607
4118	4772

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

2853	3306
2948	3416
3043	3526
3138	3636
3233	3747
3329	3857
3424	3967
3519	4077
3614	4187
3709	4298
3804	4408
3899	4518
3994	4628
4089	4738
4184	4848
4280	4959

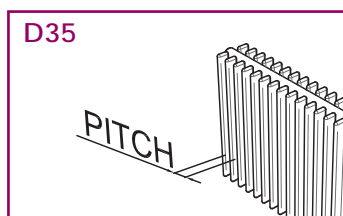
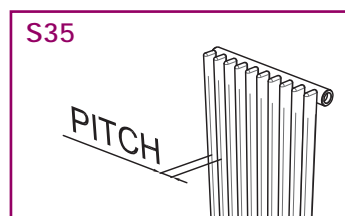
4125	4780
4263	4939
4400	5098
4538	5258
4675	5417
4813	5576
4950	5736
5088	5895
5225	6054
5363	6214
5500	6373
5638	6532
5775	6691
5913	6851
6050	7010
6188	7169

2985	3459
3085	3574
3184	3689
3284	3805
3383	3920
3483	4035
3582	4150
3682	4266
3781	4381
3881	4496
3980	4612
4080	4727
4179	4842
4279	4957
4378	5073
4478	5188

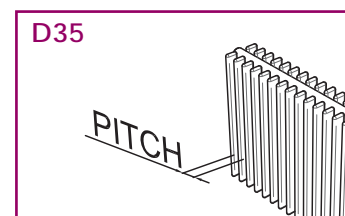
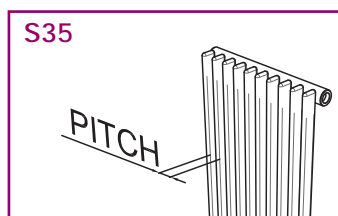
4260	4936
4402	5101
4544	5265
4686	5430
4828	5594
4970	5759
5112	5923
5254	6088
5396	6252
5538	6417
5680	6581
5822	6746
5964	6910
6106	7075
6248	7240
6390	7404

Heat Emissions - S35 / D35

Height 2300mm



Height 2400mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
104.25	120.8
$\Delta T50$	$\Delta T56$
417	483
521	604
626	725
730	846
834	966
938	1087
1043	1208
1147	1329
1251	1450
1355	1570
1460	1691
1564	1812
1668	1933
1772	2054
1877	2174
1981	2295
2085	2416
2189	2537
2294	2657
2398	2778
2502	2899
2606	3020
2711	3141
2815	3261
2919	3382
3023	3503

D35 35mm	
146.5	169.7
$\Delta T50$	$\Delta T56$
586	679
733	849
879	1018
1026	1188
1172	1358
1319	1528
1465	1697
1612	1867
1758	2037
1905	2207
2051	2376
2198	2546
2344	2716
2491	2886
2637	3055
2784	3225
2930	3395
3077	3565
3223	3734
3370	3904
3516	4074
3663	4244
3809	4413
3956	4583
4102	4753
4249	4923

S35 35mm	
109	126.3
$\Delta T50$	$\Delta T56$
436	505
545	631
654	758
763	884
872	1010
981	1137
1090	1263
1199	1389
1308	1516
1417	1642
1526	1768
1635	1894
1744	2021
1853	2147
1962	2273
2071	2400
2180	2526
2289	2652
2398	2779
2507	2905
2616	3031
2725	3157
2834	3284
2943	3410
3052	3536
3161	3663

D35 35mm	
151	175.0
$\Delta T50$	$\Delta T56$
604	700
755	875
906	1050
1057	1225
1208	1400
1359	1575
1510	1750
1661	1925
1812	2100
1963	2275
2114	2449
2265	2624
2416	2799
2567	2974
2718	3149
2869	3324
3020	3499
3171	3674
3322	3849
3473	4024
3624	4199
3775	4374
3926	4549
4077	4724
4228	4899
4379	5074

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

3128	3624
3232	3745
3336	3865
3440	3986
3545	4107
3649	4228
3753	4349
3857	4469
3962	4590
4066	4711
4170	4832
4274	4953
4379	5073
4483	5194
4587	5315
4691	5436

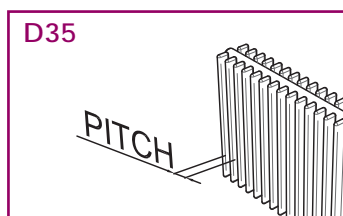
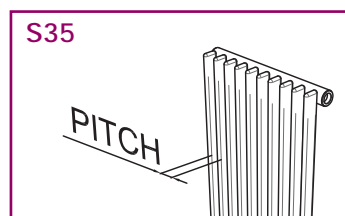
4395	5092
4542	5262
4688	5432
4835	5602
4981	5771
5128	5941
5274	6111
5421	6281
5567	6450
5714	6620
5860	6790
6007	6960
6153	7129
6300	7299
6446	7469
6593	7639

3270	3789
3379	3915
3488	4042
3597	4168
3706	4294
3815	4420
3924	4547
4033	4673
4142	4799
4251	4926
4360	5052
4469	5178
4578	5305
4687	5431
4796	5557
4905	5683

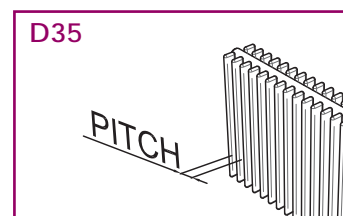
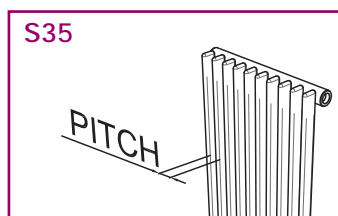
4530	5249
4681	5424
4832	5599
4983	5774
5134	5949
5285	6124
5436	6299
5587	6474
5738	6649
5889	6824
6040	6999
6191	7174
6342	7348
6493	7523
6644	7698
6795	7873

Heat Emissions - S35 / D35

Height 2500mm



Height 2600mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
113	130.9
$\Delta T50$	$\Delta T56$
452	524
565	655
678	786
791	917
904	1047
1017	1178
1130	1309
1243	1440
1356	1571
1469	1702
1582	1833
1695	1964
1808	2095
1921	2226
2034	2357
2147	2488
2260	2619
2373	2750
2486	2881
2599	3011
2712	3142
2825	3273
2938	3404
3051	3535
3164	3666
3277	3797

D35 35mm	
155	179.6
$\Delta T50$	$\Delta T56$
620	718
775	898
930	1078
1085	1257
1240	1437
1395	1616
1550	1796
1705	1976
1860	2155
2015	2335
2170	2514
2325	2694
2480	2874
2635	3053
2790	3233
2945	3412
3100	3592
3255	3772
3410	3951
3565	4131
3720	4310
3875	4490
4030	4670
4185	4849
4340	5029
4495	5208

S35 35mm	
117.5	136.1
$\Delta T50$	$\Delta T56$
470	545
588	681
705	817
823	953
940	1089
1058	1225
1175	1361
1293	1498
1410	1634
1528	1770
1645	1906
1763	2042
1880	2178
1998	2315
2115	2451
2233	2587
2350	2723
2468	2859
2585	2995
2703	3131
2820	3268
2938	3404
3055	3540
3173	3676
3290	3812
3408	3948

D35 35mm	
161.2	186.8
$\Delta T50$	$\Delta T56$
645	747
806	934
967	1121
1128	1307
1290	1494
1451	1681
1612	1868
1773	2055
1934	2241
2096	2428
2257	2615
2418	2802
2579	2989
2740	3175
2902	3362
3063	3549
3224	3736
3385	3922
3546	4109
3708	4296
3869	4483
4030	4670
4191	4856
4352	5043
4514	5230
4675	5417

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

3390	3928
3503	4059
3616	4190
3729	4321
3842	4452
3955	4583
4068	4714
4181	4845
4294	4975
4407	5106
4520	5237
4633	5368
4746	5499
4859	5630
4972	5761
5085	5892

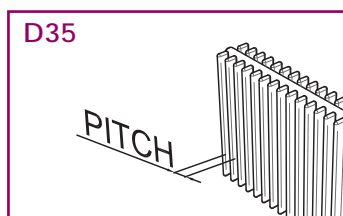
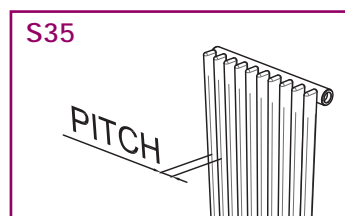
4650	5388
4805	5568
4960	5747
5115	5927
5270	6106
5425	6286
5580	6466
5735	6645
5890	6825
6045	7004
6200	7184
6355	7364
6510	7543
6665	7723
6820	7902
6975	8082

3525	4084
3643	4221
3760	4357
3878	4493
3995	4629
4113	4765
4230	4901
4348	5037
4465	5174
4583	5310
4700	5446
4818	5582
4935	5718
5053	5854
5170	5990
5288	6127

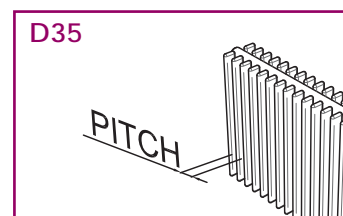
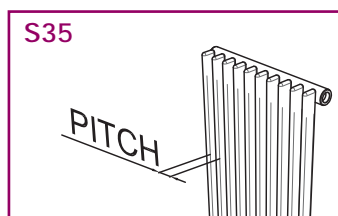
4836	5603
4997	5790
5158	5977
5320	6164
5481	6351
5642	6537
5803	6724
5964	6911
6126	7098
6287	7285
6448	7471
6609	7658
6770	7845
6932	8032
7093	8218
7254	8405

Heat Emissions - S35 / D35

Height 2700mm



Height 2800mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
122.1 $\Delta T50$	141.5 $\Delta T56$
488	566
611	707
733	849
855	990
977	1132
1099	1273
1221	1415
1343	1556
1465	1698
1587	1839
1709	1981
1832	2122
1954	2264
2076	2405
2198	2547
2320	2688
2442	2830
2564	2971
2686	3112
2808	3254
2930	3395
3053	3537
3175	3678
3297	3820
3419	3961
3541	4103

D35 35mm	
167.4 $\Delta T50$	194.0 $\Delta T56$
670	776
837	970
1004	1164
1172	1358
1339	1552
1507	1746
1674	1940
1841	2134
2009	2328
2176	2522
2344	2716
2511	2909
2678	3103
2846	3297
3013	3491
3181	3685
3348	3879
3515	4073
3683	4267
3850	4461
4018	4655
4185	4849
4352	5043
4520	5237
4687	5431
4855	5625

S35 35mm	
126.6 $\Delta T50$	146.7 $\Delta T56$
506	587
633	733
760	880
886	1027
1013	1174
1139	1320
1266	1467
1393	1614
1519	1760
1646	1907
1772	2054
1899	2200
2026	2347
2152	2494
2279	2640
2405	2787
2532	2934
2659	3081
2785	3227
2912	3374
3038	3521
3165	3667
3292	3814
3418	3961
3545	4107
3671	4254

D35 35mm	
173.6 $\Delta T50$	201.2 $\Delta T56$
694	805
868	1006
1042	1207
1215	1408
1389	1609
1562	1810
1736	2012
1910	2213
2083	2414
2257	2615
2430	2816
2604	3017
2778	3218
2951	3420
3125	3621
3298	3822
3472	4023
3646	4224
3819	4425
3993	4626
4166	4828
4340	5029
4514	5230
4687	5431
4861	5632
5034	5833

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

3663	4244
3785	4386
3907	4527
4029	4669
4151	4810
4274	4952
4396	5093
4518	5235
4640	5376
4762	5518
4884	5659
5006	5801
5128	5942
5250	6084
5372	6225
5495	6366

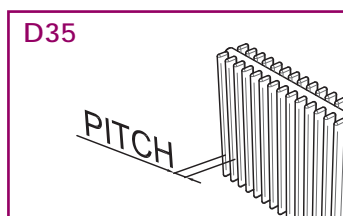
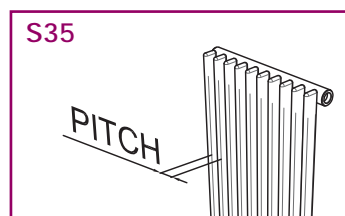
5022	5819
5189	6013
5357	6207
5524	6401
5692	6595
5859	6789
6026	6983
6194	7177
6361	7371
6529	7565
6696	7759
6863	7953
7031	8147
7198	8341
7366	8535
7533	8728

3798	4401
3925	4547
4051	4694
4178	4841
4304	4988
4431	5134
4558	5281
4684	5428
4811	5574
4937	5721
5064	5868
5191	6014
5317	6161
5444	6308
5570	6454
5697	6601

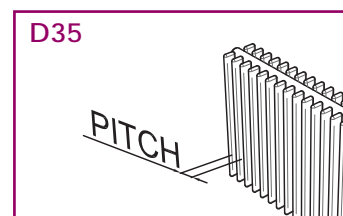
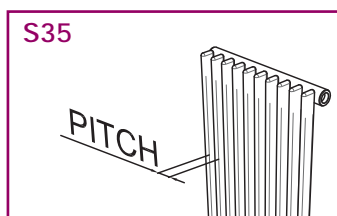
5208	6035
5382	6236
5555	6437
5729	6638
5902	6839
6076	7040
6250	7241
6423	7443
6597	7644
6770	7845
6944	8046
7118	8247
7291	8448
7465	8649
7638	8851
7812	9052

Heat Emissions - S35 / D35

Height 2900mm



Height 3000mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	140
5	175
6	210
7	245
8	280
9	315
10	350
11	385
12	420
13	455
14	490
15	525
16	560
17	595
18	630
19	665
20	700
21	735
22	770
23	805
24	840
25	875
26	910
27	945
28	980
29	1015

S35 35mm	
131.1 ΔT50	151.9 ΔT56
524	608
656	760
787	911
918	1063
1049	1215
1180	1367
1311	1519
1442	1671
1573	1823
1704	1975
1835	2127
1967	2279
2098	2430
2229	2582
2360	2734
2491	2886
2622	3038
2753	3190
2884	3342
3015	3494
3146	3646
3278	3798
3409	3950
3540	4101
3671	4253
3802	4405

D35 35mm	
179.8 ΔT50	208.3 ΔT56
719	833
899	1042
1079	1250
1259	1458
1438	1667
1618	1875
1798	2083
1978	2292
2158	2500
2337	2708
2517	2917
2697	3125
2877	3333
3057	3542
3236	3750
3416	3958
3596	4167
3776	4375
3956	4583
4135	4792
4315	5000
4495	5208
4675	5417
4855	5625
5034	5833
5214	6042

S35 35mm	
135.6 ΔT50	157.1 ΔT56
542	628
678	786
814	943
949	1100
1085	1257
1220	1414
1356	1571
1492	1728
1627	1885
1763	2043
1898	2200
2034	2357
2170	2514
2305	2671
2441	2828
2576	2985
2712	3142
2848	3300
2983	3457
3119	3614
3254	3771
3390	3928
3526	4085
3661	4242
3797	4399
3932	4556

D35 35mm	
186 ΔT50	215.5 ΔT56
744	862
930	1078
1116	1293
1302	1509
1488	1724
1674	1940
1860	2155
2046	2371
2232	2586
2418	2802
2604	3017
2790	3233
2976	3448
3162	3664
3348	3879
3534	4095
3720	4310
3906	4526
4092	4741
4278	4957
4464	5172
4650	5388
4836	5603
5022	5819
5208	6035
5394	6250

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

30	1050
31	1085
32	1120
33	1155
34	1190
35	1225
36	1260
37	1295
38	1330
39	1365
40	1400
41	1435
42	1470
43	1505
44	1540
45	1575

3933	4557
4064	4709
4195	4861
4326	5013
4457	5165
4589	5317
4720	5469
4851	5621
4982	5772
5113	5924
5244	6076
5375	6228
5506	6380
5637	6532
5768	6684
5900	6836

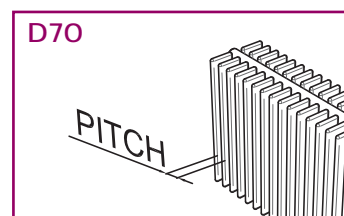
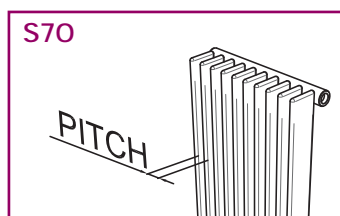
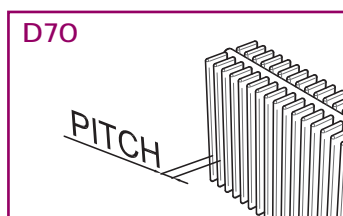
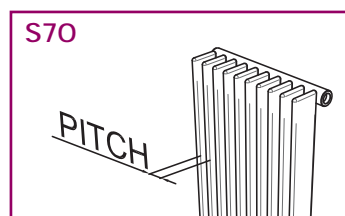
5394	6250
5574	6458
5754	6667
5933	6875
6113	7083
6293	7292
6473	7500
6653	7708
6832	7917
7012	8125
7192	8333
7372	8542
7552	8750
7731	8958
7911	9167
8091	9375

4068	4714
4204	4871
4339	5028
4475	5185
4610	5342
4746	5499
4882	5656
5017	5813
5153	5971
5288	6128
5424	6285
5560	6442
5695	6599
5831	6756
5966	6913
6102	7070

5580	6466
5766	6681
5952	6897
6138	7112
6324	7328
6510	7543
6696	7759
6882	7974
7068	8190
7254	8405
7440	8621
7626	8836
7812	9052
7998	9267
8184	9483
8370	9698

Heat Emissions - S70 / D70

Height 300mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
6	240
8	320
10	400
12	480
14	560
16	640
18	720
20	800
22	880
24	960
26	1040
28	1120
30	1200
32	1280
34	1360
36	1440
38	1520
40	1600
42	1680
44	1760
46	1840
48	1920
50	2000
52	2080
54	2160
56	2240
58	2320
60	2400
62	2480
64	2560
66	2640
68	2720
70	2800
72	2880
74	2960
76	3040

S70 40mm	
25	29.0
ΔT50	ΔT56
100	116
150	174
200	232
250	290
300	348
350	406
400	463
450	521
500	579
550	637
600	695
650	753
700	811
750	869
800	927
850	985
900	1043
950	1101
1000	1159
1050	1217
1100	1275
1150	1333
1200	1390
1250	1448
1300	1506
1350	1564
1400	1622
1450	1680
1500	1738
1550	1796
1600	1854
1650	1912
1700	1970
1750	2028
1800	2086
1850	2144
1900	2202

D70 40mm	
35.4	41.0
ΔT50	ΔT56
142	164
212	246
283	328
354	410
425	492
496	574
566	656
637	738
708	820
779	902
850	984
920	1066
991	1149
1062	1231
1133	1313
1204	1395
1274	1477
1345	1559
1416	1641
1487	1723
1558	1805
1628	1887
1699	1969
1770	2051
1841	2133
1912	2215
1982	2297
2053	2379
2124	2461
2195	2543
2266	2625
2336	2707
2407	2789
2478	2871
2549	2953
2620	3035
2690	3117

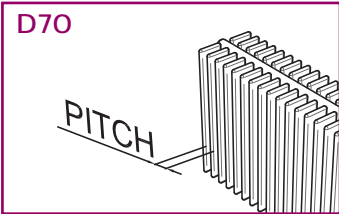
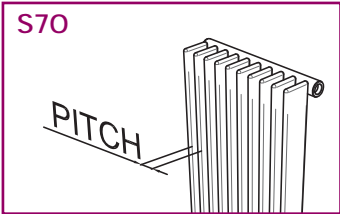
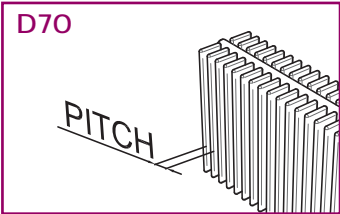
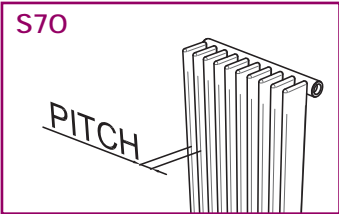
length (mm)
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800

S70 50mm	
25.25	29.3
ΔT50	ΔT56
101	117
152	176
202	234
253	293
303	351
354	410
404	468
455	527
505	585
556	644
606	702
657	761
707	819
758	878
808	936
859	995
909	1053
960	1112
1010	1170
1061	1229
1111	1287
1162	1346
1212	1404
1263	1463
1313	1521
1364	1580
1414	1638
1465	1697
1515	1755
1566	1814
1616	1872
1667	1931
1717	1989
1768	2048
1818	2107
1869	2165
1919	2224

D70 50mm	
35.75	41.4
ΔT50	ΔT56
143	166
215	249
286	331
358	414
429	497
501	580
572	663
644	746
715	829
787	911
858	994
930	1077
1001	1160
1073	1243
1144	1326
1216	1409
1287	1491
1359	1574
1430	1657
1502	1740
1573	1823
1645	1906
1716	1989
1788	2071
1859	2154
1931	2237
2002	2320
2074	2403
2145	2486
2217	2569
2288	2651
2360	2734
2431	2817
2503	2900
2574	2983
2646	3066
2717	3149

Heat Emissions - S70 / D70

Height 400mm



Style: Pitch: Watts/element:	
No. of elements	length (mm)
4	160
6	240
8	320
10	400
12	480
14	560
16	640
18	720
20	800
22	880
24	960
26	1040
28	1120
30	1200
32	1280
34	1360
36	1440
38	1520
40	1600
42	1680
44	1760
46	1840
48	1920
50	2000
52	2080
54	2160
56	2240
58	2320
60	2400
62	2480
64	2560
66	2640
68	2720
70	2800
72	2880
74	2960
76	3040

S70 40mm	
31.7	36.7
ΔT50	ΔT56
127	147
190	220
254	294
317	367
380	441
444	514
507	588
571	661
634	735
697	808
761	882
824	955
888	1028
951	1102
1014	1175
1078	1249
1141	1322
1205	1396
1268	1469
1331	1543
1395	1616
1458	1690
1522	1763
1585	1837
1648	1910
1712	1983
1775	2057
1839	2130
1902	2204
1965	2277
2029	2351
2092	2424
2156	2498
2219	2571
2282	2645
2346	2718
2409	2792

D70 40mm	
47.2	54.7
ΔT50	ΔT56
189	219
283	328
378	438
472	547
566	656
661	766
755	875
850	984
944	1094
1038	1203
1133	1313
1227	1422
1322	1531
1416	1641
1510	1750
1605	1859
1699	1969
1794	2078
1888	2188
1982	2297
2077	2406
2171	2516
2266	2625
2360	2735
2454	2844
2549	2953
2643	3063
2738	3172
2832	3281
2926	3391
3021	3500
3115	3610
3210	3719
3304	3828
3398	3938
3493	4047
3587	4156

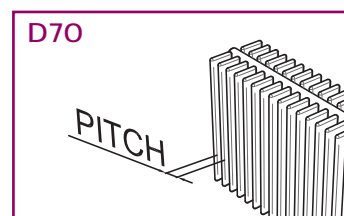
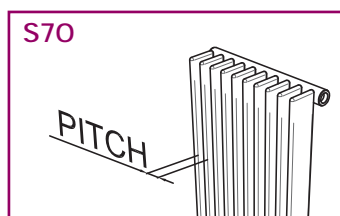
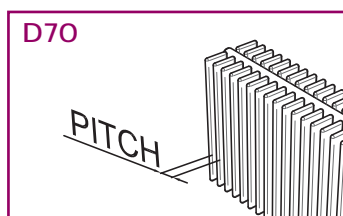
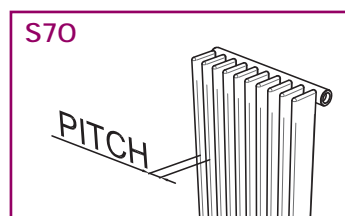
length (mm)
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800

S70 50mm	
32.02	37.1
ΔT50	ΔT56
128	148
192	223
256	297
320	371
384	445
448	519
512	594
576	668
640	742
704	816
768	890
832	965
896	1039
961	1113
1025	1187
1089	1261
1153	1336
1217	1410
1281	1484
1345	1558
1409	1632
1473	1707
1537	1781
1601	1855
1665	1929
1729	2003
1793	2077
1857	2152
1921	2226
1985	2300
2049	2374
2113	2448
2177	2523
2241	2597
2305	2671
2369	2745
2433	2819

D70 50mm	
47.67	55.2
ΔT50	ΔT56
191	221
286	331
381	442
477	552
572	663
667	773
763	884
858	994
953	1105
1049	1215
1144	1326
1239	1436
1335	1547
1430	1657
1526	1768
1621	1878
1716	1989
1812	2099
1907	2210
2002	2320
2098	2430
2193	2541
2288	2651
2384	2762
2479	2872
2574	2983
2670	3093
2765	3204
2860	3314
2956	3425
3051	3535
3146	3646
3242	3756
3337	3867
3432	3977
3528	4088
3623	4198

Heat Emissions - S70 / D70

Height 500mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
6	240
8	320
10	400
12	480
14	560
16	640
18	720
20	800
22	880
24	960
26	1040
28	1120
30	1200
32	1280
34	1360
36	1440
38	1520
40	1600
42	1680
44	1760
46	1840
48	1920
50	2000
52	2080
54	2160
56	2240
58	2320
60	2400
62	2480
64	2560
66	2640
68	2720
70	2800
72	2880
74	2960
76	3040

S70 40mm	
38.2	44.3
$\Delta T50$	$\Delta T56$
153	177
229	266
306	354
382	443
458	531
535	620
611	708
688	797
764	885
840	974
917	1062
993	1151
1070	1239
1146	1328
1222	1416
1299	1505
1375	1593
1452	1682
1528	1770
1604	1859
1681	1948
1757	2036
1834	2125
1910	2213
1986	2302
2063	2390
2139	2479
2216	2567
2292	2656
2368	2744
2445	2833
2521	2921
2598	3010
2674	3098
2750	3187
2827	3275
2903	3364

D70 40mm	
65.3	75.7
$\Delta T50$	$\Delta T56$
261	303
392	454
522	605
653	757
784	908
914	1059
1045	1211
1175	1362
1306	1513
1437	1665
1567	1816
1698	1967
1828	2119
1959	2270
2090	2421
2220	2573
2351	2724
2481	2875
2612	3027
2743	3178
2873	3329
3004	3481
3134	3632
3265	3783
3396	3934
3526	4086
3657	4237
3787	4388
3918	4540
4049	4691
4179	4842
4310	4994
4440	5145
4571	5296
4702	5448
4832	5599
4963	5750

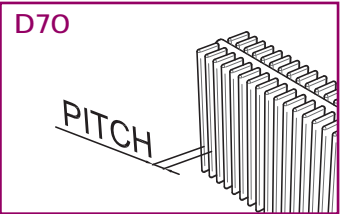
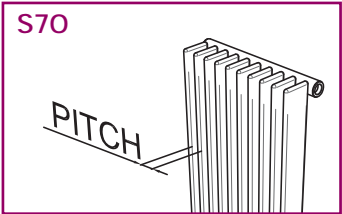
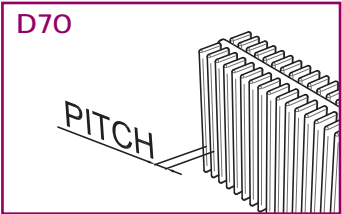
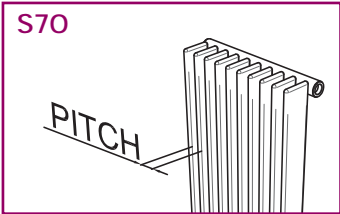
length (mm)
160
240
320
400
480
560
640
720
800
880
960
1040
1120
1200
1280
1360
1440
1520
1600
1680
1760
1840
1920
2000
2080
2160
2240
2320
2400
2480
2560
2640
2720
2800
2880
2960
3040

S70 50mm	
38.58	44.7
$\Delta T50$	$\Delta T56$
154	179
231	268
309	358
386	447
463	536
540	626
617	715
694	805
772	894
849	984
926	1073
1003	1162
1080	1252
1157	1341
1235	1431
1312	1520
1389	1609
1466	1699
1543	1788
1620	1878
1698	1967
1775	2056
1852	2146
1929	2235
2006	2325
2083	2414
2161	2503
2238	2593
2315	2682
2392	2772
2469	2861
2546	2951
2624	3040
2701	3129
2778	3219
2855	3308
2932	3398

D70 50mm	
65.95	76.4
$\Delta T50$	$\Delta T56$
264	306
396	459
528	611
660	764
791	917
923	1070
1055	1223
1187	1376
1319	1528
1451	1681
1583	1834
1715	1987
1847	2140
1979	2293
2110	2445
2242	2598
2374	2751
2506	2904
2638	3057
2770	3210
2902	3362
3034	3515
3166	3668
3298	3821
3430	3974
3561	4127
3693	4280
3825	4432
3957	4585
4089	4738
4221	4891
4353	5044
4485	5197
4617	5349
4749	5502
4881	5655
5012	5808

Heat Emissions - S70 / D70

Height 600mm



Style: Pitch: Watts/element:	
No. of elements	length (mm)
4	160
6	240
8	320
10	400
12	480
14	560
16	640
18	720
20	800
22	880
24	960
26	1040
28	1120
30	1200
32	1280
34	1360
36	1440
38	1520
40	1600
42	1680
44	1760
46	1840
48	1920
50	2000
52	2080
54	2160
56	2240
58	2320
60	2400
62	2480
64	2560
66	2640
68	2720
70	2800
72	2880
74	2960
76	3040

S70 40mm	
44.6	51.7
ΔT50	ΔT56
178	207
268	310
357	413
446	517
535	620
624	723
714	827
803	930
892	1034
981	1137
1070	1240
1160	1344
1249	1447
1338	1550
1427	1654
1516	1757
1606	1860
1695	1964
1784	2067
1873	2170
1962	2274
2052	2377
2141	2481
2230	2584
2319	2687
2408	2791
2498	2894
2587	2997
2676	3101
2765	3204
2854	3307
2944	3411
3033	3514
3122	3617
3211	3721
3300	3824
3390	3928

D70 40mm	
76.1	88.2
ΔT50	ΔT56
304	353
457	529
609	705
761	882
913	1058
1065	1234
1218	1411
1370	1587
1522	1764
1674	1940
1826	2116
1979	2293
2131	2469
2283	2645
2435	2822
2587	2998
2740	3174
2892	3351
3044	3527
3196	3703
3348	3880
3501	4056
3653	4232
3805	4409
3957	4585
4109	4762
4262	4938
4414	5114
4566	5291
4718	5467
4870	5643
5023	5820
5175	5996
5327	6172
5479	6349
5631	6525
5784	6701

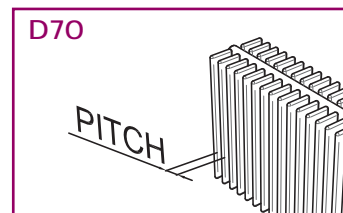
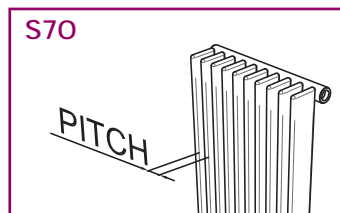
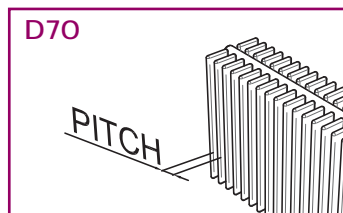
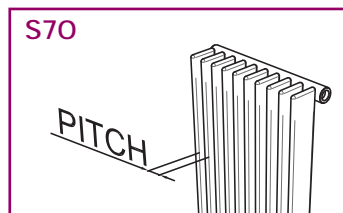
length (mm)
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800

S70 50mm	
45.05	52.2
ΔT50	ΔT56
180	209
270	313
360	418
450	522
541	626
631	731
721	835
811	940
901	1044
991	1148
1081	1253
1171	1357
1261	1461
1351	1566
1441	1670
1532	1775
1622	1879
1712	1983
1802	2088
1892	2192
1982	2297
2072	2401
2162	2505
2252	2610
2342	2714
2432	2819
2523	2923
2613	3027
2703	3132
2793	3236
2883	3340
2973	3445
3063	3549
3153	3654
3243	3758
3333	3862
3423	3967

D70 50mm	
76.86	89.1
ΔT50	ΔT56
307	356
461	534
615	712
769	891
922	1069
1076	1247
1230	1425
1383	1603
1537	1781
1691	1959
1845	2137
1998	2316
2152	2494
2306	2672
2460	2850
2613	3028
2767	3206
2921	3384
3074	3562
3228	3740
3382	3919
3536	4097
3689	4275
3843	4453
3997	4631
4150	4809
4304	4987
4458	5165
4612	5344
4765	5522
4919	5700
5073	5878
5227	6056
5380	6234
5534	6412
5688	6590
5841	6768

Heat Emissions - S70 / D70

Height 700mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
6	240
8	320
10	400
12	480
14	560
16	640
18	720
20	800
22	880
24	960
26	1040
28	1120
30	1200
32	1280
34	1360
36	1440
38	1520
40	1600
42	1680
44	1760
46	1840
48	1920
50	2000
52	2080
54	2160
56	2240
58	2320
60	2400
62	2480
64	2560
66	2640
68	2720
70	2800
72	2880
74	2960
76	3040

S70 40mm	
50.8	58.9
ΔT50	ΔT56
203	235
305	353
406	471
508	589
610	706
711	824
813	942
914	1060
1016	1177
1118	1295
1219	1413
1321	1530
1422	1648
1524	1766
1626	1884
1727	2001
1829	2119
1930	2237
2032	2354
2134	2472
2235	2590
2337	2708
2438	2825
2540	2943
2642	3061
2743	3179
2845	3296
2946	3414
3048	3532
3150	3649
3251	3767
3353	3885
3454	4003
3556	4120
3658	4238
3759	4356
3861	4474

D70 40mm	
86.7	100.5
ΔT50	ΔT56
347	402
520	603
694	804
867	1005
1040	1206
1214	1406
1387	1607
1561	1808
1734	2009
1907	2210
2081	2411
2254	2612
2428	2813
2601	3014
2774	3215
2948	3416
3121	3617
3295	3817
3468	4018
3641	4219
3815	4420
3988	4621
4162	4822
4335	5023
4508	5224
4682	5425
4855	5626
5029	5827
5202	6028
5375	6228
5549	6429
5722	6630
5896	6831
6069	7032
6242	7233
6416	7434
6589	7635

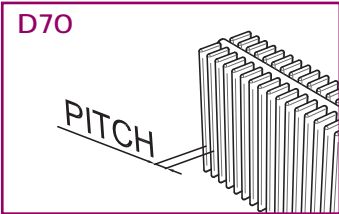
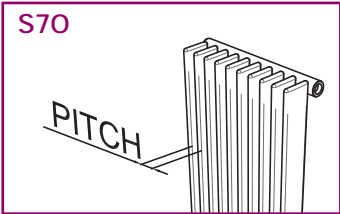
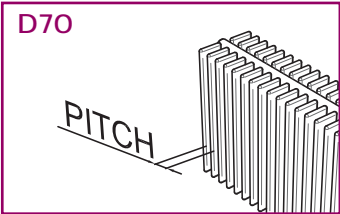
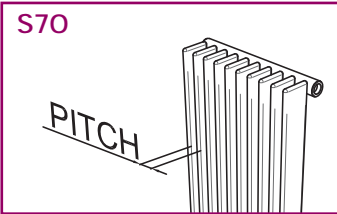
length (mm)
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800

S70 50mm	
51.31	59.5
ΔT50	ΔT56
205	238
308	357
410	476
513	595
616	713
718	832
821	951
924	1070
1026	1189
1129	1308
1231	1427
1334	1546
1437	1665
1539	1784
1642	1902
1744	2021
1847	2140
1950	2259
2052	2378
2155	2497
2258	2616
2360	2735
2463	2854
2565	2973
2668	3091
2771	3210
2873	3329
2976	3448
3078	3567
3181	3686
3284	3805
3386	3924
3489	4043
3592	4162
3694	4280
3797	4399
3899	4518

D70 50mm	
87.57	101.5
ΔT50	ΔT56
350	406
525	609
701	812
876	1015
1051	1218
1226	1420
1401	1623
1576	1826
1751	2029
1926	2232
2102	2435
2277	2638
2452	2841
2627	3044
2802	3247
2977	3450
3152	3653
3328	3856
3503	4059
3678	4261
3853	4464
4028	4667
4203	4870
4378	5073
4553	5276
4729	5479
4904	5682
5079	5885
5254	6088
5429	6291
5604	6494
5779	6697
5955	6900
6130	7102
6305	7305
6480	7508
6655	7711

Heat Emissions - S70 / D70

Height 800mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
6	240
8	320
10	400
12	480
14	560
16	640
18	720
20	800
22	880
24	960
26	1040
28	1120
30	1200
32	1280
34	1360
36	1440
38	1520
40	1600
42	1680
44	1760
46	1840
48	1920
50	2000
52	2080
54	2160
56	2240
58	2320
60	2400
62	2480
64	2560
66	2640
68	2720
70	2800
72	2880
74	2960
76	3040

S70 40mm	
56.9	65.9
ΔT50	ΔT56
228	264
341	396
455	527
569	659
683	791
797	923
910	1055
1024	1187
1138	1319
1252	1450
1366	1582
1479	1714
1593	1846
1707	1978
1821	2110
1935	2242
2048	2373
2162	2505
2276	2637
2390	2769
2504	2901
2617	3033
2731	3165
2845	3297
2959	3428
3073	3560
3186	3692
3300	3824
3414	3956
3528	4088
3642	4220
3755	4351
3869	4483
3983	4615
4097	4747
4211	4879
4324	5011

D70 40mm	
97.2	112.6
ΔT50	ΔT56
389	451
583	676
778	901
972	1126
1166	1352
1361	1577
1555	1802
1750	2027
1944	2253
2138	2478
2333	2703
2527	2928
2722	3154
2916	3379
3110	3604
3305	3829
3499	4055
3694	4280
3888	4505
4082	4730
4277	4956
4471	5181
4666	5406
4860	5631
5054	5857
5249	6082
5443	6307
5638	6532
5832	6758
6026	6983
6221	7208
6415	7433
6610	7659
6804	7884
6998	8109
7193	8334
7387	8560

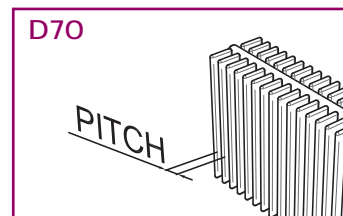
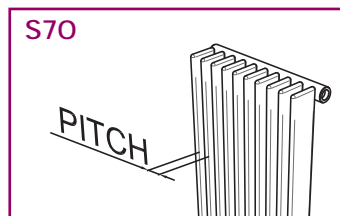
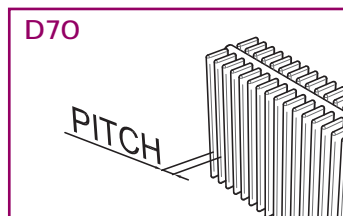
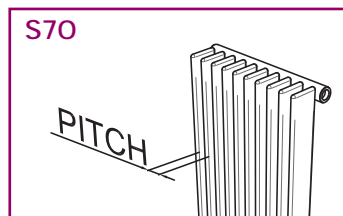
length (mm)
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800

S70 50mm	
57.477	66.6
ΔT50	ΔT56
230	266
345	400
460	533
575	666
690	799
805	932
920	1065
1034	1199
1149	1332
1264	1465
1379	1598
1494	1731
1609	1865
1724	1998
1839	2131
1954	2264
2069	2397
2184	2530
2299	2664
2414	2797
2529	2930
2644	3063
2759	3196
2873	3329
2988	3463
3103	3596
3218	3729
3333	3862
3448	3995
3563	4129
3678	4262
3793	4395
3908	4528
4023	4661
4138	4794
4253	4928
4368	5061

D70 50mm	
98.172	113.8
ΔT50	ΔT56
393	455
589	683
785	910
982	1138
1178	1365
1374	1593
1571	1820
1767	2048
1963	2275
2160	2503
2356	2730
2552	2958
2749	3185
2945	3413
3142	3640
3338	3868
3534	4095
3731	4323
3927	4550
4123	4778
4320	5005
4516	5233
4712	5460
4909	5688
5105	5915
5301	6143
5498	6370
5694	6598
5890	6825
6087	7053
6283	7280
6479	7508
6676	7735
6872	7963
7068	8190
7265	8418
7461	8645

Heat Emissions - S70 / D70

Height 900mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
6	240
8	320
10	400
12	480
14	560
16	640
18	720
20	800
22	880
24	960
26	1040
28	1120
30	1200
32	1280
34	1360
36	1440
38	1520
40	1600
42	1680
44	1760
46	1840
48	1920
50	2000
52	2080
54	2160
56	2240
58	2320
60	2400
62	2480
64	2560
66	2640
68	2720
70	2800
72	2880
74	2960
76	3040

S70 40mm	
63	73.0
ΔT50	ΔT56
252	292
378	438
504	584
630	730
756	876
882	1022
1008	1168
1134	1314
1260	1460
1386	1606
1512	1752
1638	1898
1764	2044
1890	2190
2016	2336
2142	2482
2268	2628
2394	2774
2520	2920
2646	3066
2772	3212
2898	3358
3024	3504
3150	3650
3276	3796
3402	3942
3528	4088
3654	4234
3780	4380
3906	4526
4032	4672
4158	4818
4284	4964
4410	5110
4536	5256
4662	5402
4788	5548

D70 40mm	
108	125.1
ΔT50	ΔT56
432	501
648	751
864	1001
1080	1251
1296	1502
1512	1752
1728	2002
1944	2253
2160	2503
2376	2753
2592	3003
2808	3254
3024	3504
3240	3754
3456	4004
3672	4255
3888	4505
4104	4755
4320	5006
4536	5256
4752	5506
4968	5756
5184	6007
5400	6257
5616	6507
5832	6758
6048	7008
6264	7258
6480	7508
6696	7759
6912	8009
7128	8259
7344	8509
7560	8760
7776	9010
7992	9260
8208	9511

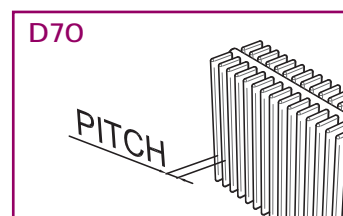
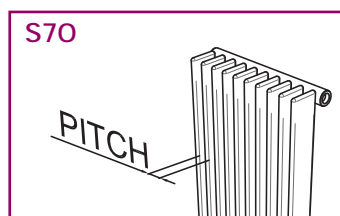
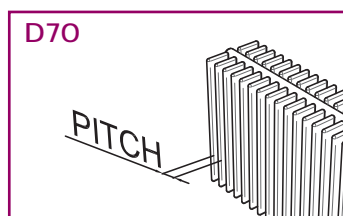
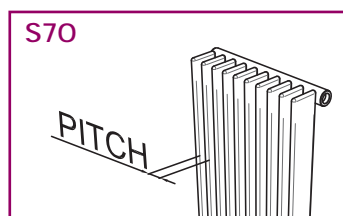
length (mm)
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800

S70 50mm	
63.63	73.7
ΔT50	ΔT56
255	295
382	442
509	590
636	737
764	885
891	1032
1018	1180
1145	1327
1273	1475
1400	1622
1527	1769
1654	1917
1782	2064
1909	2212
2036	2359
2163	2507
2291	2654
2418	2802
2545	2949
2672	3097
2800	3244
2927	3391
3054	3539
3182	3686
3309	3834
3436	3981
3563	4129
3691	4276
3818	4424
3945	4571
4072	4719
4200	4866
4327	5014
4454	5161
4581	5308
4709	5456
4836	5603

D70 50mm	
109.1	126.4
ΔT50	ΔT56
436	506
654	758
873	1011
1091	1264
1309	1517
1527	1769
1745	2022
1963	2275
2182	2528
2400	2781
2618	3033
2836	3286
3054	3539
3272	3792
3491	4045
3709	4297
3927	4550
4145	4803
4363	5056
4581	5308
4800	5561
5018	5814
5236	6067
5454	6320
5672	6572
5890	6825
6108	7078
6327	7331
6545	7583
6763	7836
6981	8089
7199	8342
7417	8595
7636	8847
7854	9100
8072	9353
8290	9606

Heat Emissions - S70 / D70

Height 1000mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
6	240
8	320
10	400
12	480
14	560
16	640
18	720
20	800
22	880
24	960
26	1040
28	1120
30	1200
32	1280
34	1360
36	1440
38	1520
40	1600
42	1680
44	1760
46	1840
48	1920
50	2000
52	2080
54	2160

S70 40mm	
69.1	80.1
ΔT50	ΔT56
276	320
415	480
553	641
691	801
829	961
967	1121
1106	1281
1244	1441
1382	1601
1520	1761
1658	1922
1797	2082
1935	2242
2073	2402
2211	2562
2349	2722
2488	2882
2626	3043
2764	3203
2902	3363
3040	3523
3179	3683
3317	3843
3455	4003
3593	4163
3731	4324

D70 40mm	
118	136.7
ΔT50	ΔT56
472	547
708	820
944	1094
1180	1367
1416	1641
1652	1914
1888	2188
2124	2461
2360	2735
2596	3008
2832	3281
3068	3555
3304	3828
3540	4102
3776	4375
4012	4649
4248	4922
4484	5196
4720	5469
4956	5743
5192	6016
5428	6289
5664	6563
5900	6836
6136	7110
6372	7383

length (mm)
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700

S70 50mm	
69.79	80.9
ΔT50	ΔT56
279	323
419	485
558	647
698	809
837	970
977	1132
1117	1294
1256	1456
1396	1617
1535	1779
1675	1941
1815	2103
1954	2264
2094	2426
2233	2588
2373	2749
2512	2911
2652	3073
2792	3235
2931	3396
3071	3558
3210	3720
3350	3882
3490	4043
3629	4205
3769	4367

D70 50mm	
119.2	138.1
ΔT50	ΔT56
477	552
715	829
953	1105
1192	1381
1430	1657
1669	1933
1907	2210
2145	2486
2384	2762
2622	3038
2860	3314
3099	3590
3337	3867
3575	4143
3814	4419
4052	4695
4290	4971
4529	5248
4767	5524
5006	5800
5244	6076
5482	6352
5721	6629
5959	6905
6197	7181
6436	7457

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

56	2240
58	2320
60	2400
62	2480
64	2560
66	2640
68	2720
70	2800
72	2880
74	2960
76	3040

3870	4484
4008	4644
4146	4804
4284	4964
4422	5124
4561	5284
4699	5444
4837	5605
4975	5765
5113	5925
5252	6085

6608	7657
6844	7930
7080	8204
7316	8477
7552	8751
7788	9024
8024	9297
8260	9571
8496	9844
8732	10118
8968	10391

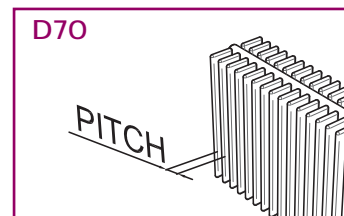
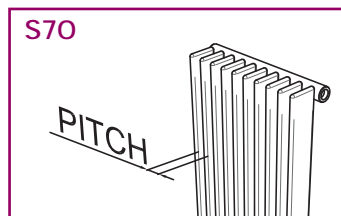
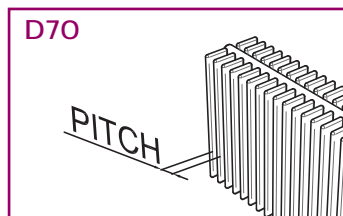
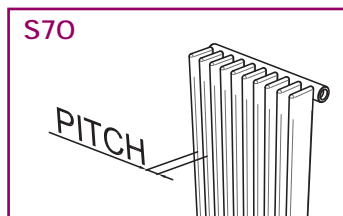
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800

3908	4529
4048	4690
4187	4852
4327	5014
4467	5175
4606	5337
4746	5499
4885	5661
5025	5822
5165	5984
5304	6146

6674	7733
6912	8009
7151	8286
7389	8562
7628	8838
7866	9114
8104	9390
8343	9667
8581	9943
8819	10219
9058	10495

Heat Emissions - S70 / D70

Height 1100mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
75.15	87.08
ΔT50	ΔT56
301	348
376	435
451	522
526	610
601	697
676	784
752	871
827	958
902	1045
977	1132
1052	1219
1127	1306
1202	1393
1278	1480
1353	1567
1428	1654
1503	1742
1578	1829
1653	1916
1728	2003
1804	2090
1879	2177

D70 40mm	
128.5	148.9
ΔT50	ΔT56
514	596
643	744
771	893
900	1042
1028	1191
1157	1340
1285	1489
1414	1638
1542	1787
1671	1936
1799	2085
1928	2233
2056	2382
2185	2531
2313	2680
2442	2829
2570	2978
2699	3127
2827	3276
2956	3425
3084	3573
3213	3722

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
75.9	87.95
ΔT50	ΔT56
304	352
380	440
455	528
531	616
607	704
683	792
759	879
835	967
911	1055
987	1143
1063	1231
1139	1319
1214	1407
1290	1495
1366	1583
1442	1671
1518	1759
1594	1847
1670	1935
1746	2023
1822	2111
1898	2199

D70 50mm	
129.8	150.4
ΔT50	ΔT56
519	602
649	752
779	902
908	1053
1038	1203
1168	1353
1298	1504
1428	1654
1557	1805
1687	1955
1817	2105
1947	2256
2077	2406
2206	2556
2336	2707
2466	2857
2596	3008
2725	3158
2855	3308
2985	3459
3115	3609
3245	3760

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

1954	2264
2029	2351
2104	2438
2179	2525
2255	2612
2330	2699
2405	2786
2480	2874
2555	2961
2630	3048
2705	3135
2781	3222
2856	3309
2931	3396
3006	3483
3081	3570
3156	3657
3231	3744
3307	3831
3382	3918

3341	3871
3470	4020
3598	4169
3727	4318
3855	4467
3984	4616
4112	4765
4241	4913
4369	5062
4498	5211
4626	5360
4755	5509
4883	5658
5012	5807
5140	5956
5269	6105
5397	6254
5526	6402
5654	6551
5783	6700

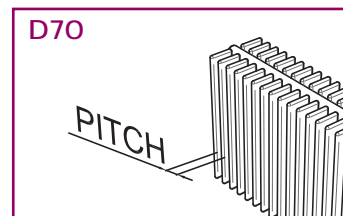
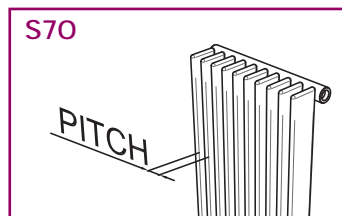
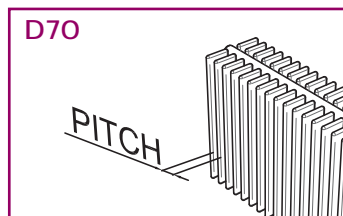
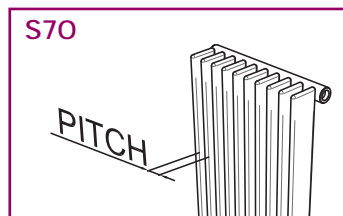
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

1973	2287
2049	2375
2125	2463
2201	2550
2277	2638
2353	2726
2429	2814
2505	2902
2581	2990
2657	3078
2732	3166
2808	3254
2884	3342
2960	3430
3036	3518
3112	3606
3188	3694
3264	3782
3340	3870
3416	3958

3374	3910
3504	4060
3634	4211
3764	4361
3894	4511
4023	4662
4153	4812
4283	4963
4413	5113
4542	5263
4672	5414
4802	5564
4932	5715
5062	5865
5191	6015
5321	6166
5451	6316
5581	6466
5711	6617
5840	6767

Heat Emissions - S70 / D70

Height 1200mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
81.2	94.09
ΔT50	ΔT56
325	376
406	470
487	565
568	659
650	753
731	847
812	941
893	1035
974	1129
1056	1223
1137	1317
1218	1411
1299	1505
1380	1599
1462	1694
1543	1788
1624	1882
1705	1976
1786	2070
1868	2164
1949	2258
2030	2352

D70 40mm	
139	161.1
ΔT50	ΔT56
556	644
695	805
834	966
973	1127
1112	1288
1251	1450
1390	1611
1529	1772
1668	1933
1807	2094
1946	2255
2085	2416
2224	2577
2363	2738
2502	2899
2641	3060
2780	3221
2919	3382
3058	3543
3197	3704
3336	3865
3475	4026

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
82.01	95.03
ΔT50	ΔT56
328	380
410	475
492	570
574	665
656	760
738	855
820	950
902	1045
984	1140
1066	1235
1148	1330
1230	1425
1312	1520
1394	1615
1476	1710
1558	1806
1640	1901
1722	1996
1804	2091
1886	2186
1968	2281
2050	2376

D70 50mm	
140.4	162.7
ΔT50	ΔT56
562	651
702	813
842	976
983	1139
1123	1301
1264	1464
1404	1627
1544	1789
1685	1952
1825	2115
1965	2277
2106	2440
2246	2603
2387	2765
2527	2928
2667	3091
2808	3253
2948	3416
3089	3579
3229	3741
3369	3904
3510	4067

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

2111	2446
2192	2540
2274	2634
2355	2729
2436	2823
2517	2917
2598	3011
2680	3105
2761	3199
2842	3293
2923	3387
3004	3481
3086	3575
3167	3669
3248	3763
3329	3858
3410	3952
3492	4046
3573	4140
3654	4234

3614	4188
3753	4349
3892	4510
4031	4671
4170	4832
4309	4993
4448	5154
4587	5315
4726	5476
4865	5637
5004	5798
5143	5959
5282	6120
5421	6281
5560	6442
5699	6603
5838	6764
5977	6926
6116	7087
6255	7248

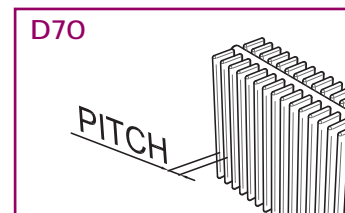
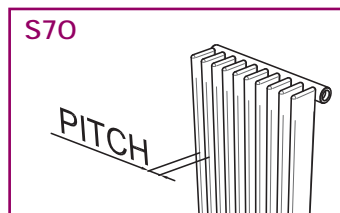
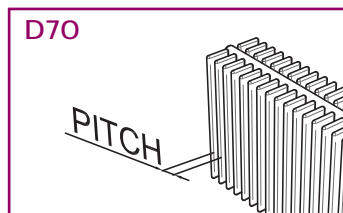
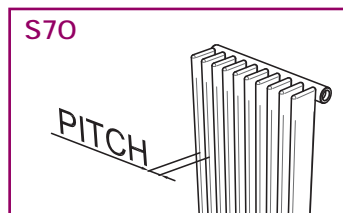
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

2132	2471
2214	2566
2296	2661
2378	2756
2460	2851
2542	2946
2624	3041
2706	3136
2788	3231
2870	3326
2952	3421
3034	3516
3116	3611
3198	3706
3280	3801
3362	3896
3445	3991
3527	4086
3609	4181
3691	4276

3650	4229
3791	4392
3931	4555
4071	4717
4212	4880
4352	5043
4492	5205
4633	5368
4773	5531
4914	5693
5054	5856
5194	6019
5335	6181
5475	6344
5616	6507
5756	6669
5896	6832
6037	6995
6177	7157
6318	7320

Heat Emissions - S70 / D70

Height 1300mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
87.25	101.1
ΔT50	ΔT56
349	404
436	505
524	607
611	708
698	809
785	910
873	1011
960	1112
1047	1213
1134	1314
1222	1415
1309	1516
1396	1618
1483	1719
1571	1820
1658	1921
1745	2022
1832	2123
1920	2224
2007	2325
2094	2426
2181	2527

D70 40mm	
149	172.6
ΔT50	ΔT56
596	691
745	863
894	1036
1043	1209
1192	1381
1341	1554
1490	1726
1639	1899
1788	2072
1937	2244
2086	2417
2235	2590
2384	2762
2533	2935
2682	3108
2831	3280
2980	3453
3129	3626
3278	3798
3427	3971
3576	4144
3725	4316

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
88.12	102.1
ΔT50	ΔT56
352	408
441	511
529	613
617	715
705	817
793	919
881	1021
969	1123
1057	1225
1146	1327
1234	1430
1322	1532
1410	1634
1498	1736
1586	1838
1674	1940
1762	2042
1851	2144
1939	2246
2027	2348
2115	2451
2203	2553

D70 50mm	
150.5	174.4
ΔT50	ΔT56
602	697
752	872
903	1046
1053	1221
1204	1395
1354	1569
1505	1744
1655	1918
1806	2092
1956	2267
2107	2441
2257	2616
2408	2790
2558	2964
2709	3139
2859	3313
3010	3487
3160	3662
3311	3836
3461	4011
3612	4185
3762	4359

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

2269	2629
2356	2730
2443	2831
2530	2932
2618	3033
2705	3134
2792	3235
2879	3336
2967	3437
3054	3538
3141	3639
3228	3741
3316	3842
3403	3943
3490	4044
3577	4145
3665	4246
3752	4347
3839	4448
3926	4549

3874	4489
4023	4661
4172	4834
4321	5007
4470	5179
4619	5352
4768	5525
4917	5697
5066	5870
5215	6043
5364	6215
5513	6388
5662	6561
5811	6733
5960	6906
6109	7078
6258	7251
6407	7424
6556	7596
6705	7769

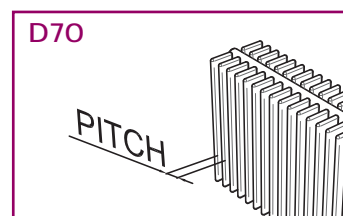
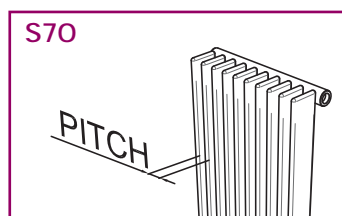
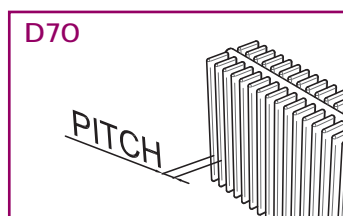
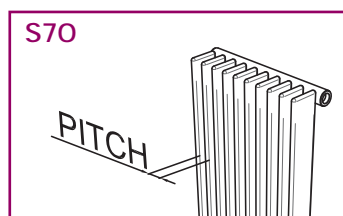
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

2291	2655
2379	2757
2467	2859
2556	2961
2644	3063
2732	3165
2820	3267
2908	3370
2996	3472
3084	3574
3172	3676
3261	3778
3349	3880
3437	3982
3525	4084
3613	4186
3701	4289
3789	4391
3877	4493
3966	4595

3913	4534
4063	4708
4214	4882
4364	5057
4515	5231
4665	5406
4816	5580
4966	5754
5117	5929
5267	6103
5418	6277
5568	6452
5719	6626
5869	6801
6020	6975
6170	7149
6321	7324
6471	7498
6622	7672
6772	7847

Heat Emissions - S70 / D70

Height 1400mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
93.3	108.1
ΔT50	ΔT56
373	432
467	541
560	649
653	757
746	865
840	973
933	1081
1026	1189
1120	1297
1213	1405
1306	1513
1400	1622
1493	1730
1586	1838
1679	1946
1773	2054
1866	2162
1959	2270
2053	2378
2146	2486
2239	2595
2333	2703

D70 40mm	
159	184.2
ΔT50	ΔT56
636	737
795	921
954	1105
1113	1290
1272	1474
1431	1658
1590	1842
1749	2027
1908	2211
2067	2395
2226	2579
2385	2763
2544	2948
2703	3132
2862	3316
3021	3500
3180	3685
3339	3869
3498	4053
3657	4237
3816	4422
3975	4606

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
94.23	109.2
ΔT50	ΔT56
377	437
471	546
565	655
660	764
754	874
848	983
942	1092
1037	1201
1131	1310
1225	1419
1319	1529
1413	1638
1508	1747
1602	1856
1696	1965
1790	2075
1885	2184
1979	2293
2073	2402
2167	2511
2262	2621
2356	2730

D70 50mm	
160.6	186.1
ΔT50	ΔT56
642	744
803	930
964	1116
1124	1303
1285	1489
1445	1675
1606	1861
1766	2047
1927	2233
2088	2419
2248	2605
2409	2791
2569	2977
2730	3163
2891	3349
3051	3535
3212	3722
3372	3908
3533	4094
3694	4280
3854	4466
4015	4652

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

2426	2811
2519	2919
2612	3027
2706	3135
2799	3243
2892	3351
2986	3459
3079	3568
3172	3676
3266	3784
3359	3892
3452	4000
3545	4108
3639	4216
3732	4324
3825	4432
3919	4540
4012	4649
4105	4757
4199	4865

4134	4790
4293	4974
4452	5159
4611	5343
4770	5527
4929	5711
5088	5895
5247	6080
5406	6264
5565	6448
5724	6632
5883	6817
6042	7001
6201	7185
6360	7369
6519	7554
6678	7738
6837	7922
6996	8106
7155	8290

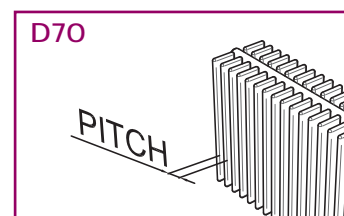
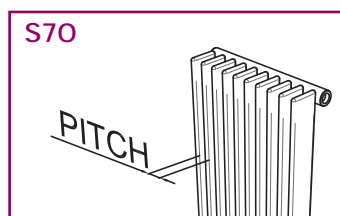
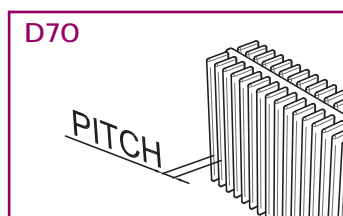
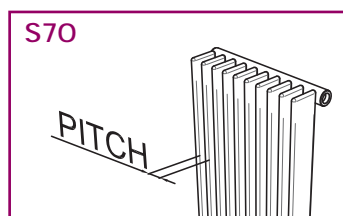
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

2450	2839
2544	2948
2639	3057
2733	3166
2827	3276
2921	3385
3015	3494
3110	3603
3204	3712
3298	3822
3392	3931
3487	4040
3581	4149
3675	4258
3769	4368
3864	4477
3958	4586
4052	4695
4146	4804
4240	4913

4175	4838
4336	5024
4497	5210
4657	5396
4818	5582
4978	5768
5139	5954
5299	6140
5460	6327
5621	6513
5781	6699
5942	6885
6102	7071
6263	7257
6424	7443
6584	7629
6745	7815
6905	8001
7066	8187
7227	8373

Heat Emissions - S70 / D70

Height 1500mm



Style: Pitch: Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
99.15	114.9
ΔT50	ΔT56
397	460
496	574
595	689
694	804
793	919
892	1034
992	1149
1091	1264
1190	1379
1289	1494
1388	1608
1487	1723
1586	1838
1686	1953
1785	2068
1884	2183
1983	2298
2082	2413
2181	2527
2280	2642
2380	2757
2479	2872

D70 40mm	
169.5	196.4
ΔT50	ΔT56
678	786
848	982
1017	1178
1187	1375
1356	1571
1526	1768
1695	1964
1865	2160
2034	2357
2204	2553
2373	2750
2543	2946
2712	3142
2882	3339
3051	3535
3221	3732
3390	3928
3560	4124
3729	4321
3899	4517
4068	4714
4238	4910

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
100.1	116
ΔT50	ΔT56
401	464
501	580
601	696
701	812
801	928
901	1044
1001	1160
1102	1276
1202	1392
1302	1508
1402	1624
1502	1741
1602	1857
1702	1973
1803	2089
1903	2205
2003	2321
2103	2437
2203	2553
2303	2669
2403	2785
2504	2901

D70 50mm	
171.2	198.4
ΔT50	ΔT56
685	793
856	992
1027	1190
1198	1389
1370	1587
1541	1785
1712	1984
1883	2182
2054	2380
2226	2579
2397	2777
2568	2975
2739	3174
2910	3372
3082	3571
3253	3769
3424	3967
3595	4166
3766	4364
3937	4562
4109	4761
4280	4959

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

2578	2987
2677	3102
2776	3217
2875	3332
2975	3447
3074	3561
3173	3676
3272	3791
3371	3906
3470	4021
3569	4136
3669	4251
3768	4366
3867	4481
3966	4595
4065	4710
4164	4825
4263	4940
4363	5055
4462	5170

4407	5106
4577	5303
4746	5499
4916	5696
5085	5892
5255	6088
5424	6285
5594	6481
5763	6678
5933	6874
6102	7070
6272	7267
6441	7463
6611	7660
6780	7856
6950	8052
7119	8249
7289	8445
7458	8642
7628	8838

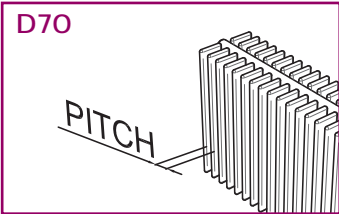
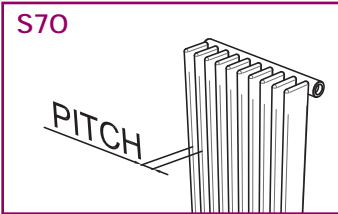
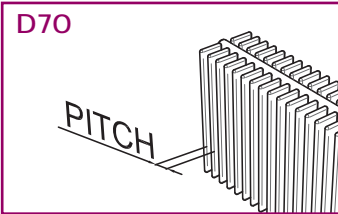
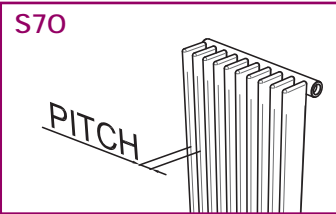
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

2604	3017
2704	3133
2804	3249
2904	3365
3004	3481
3104	3597
3205	3713
3305	3829
3405	3945
3505	4061
3605	4177
3705	4293
3805	4409
3906	4525
4006	4641
4106	4757
4206	4873
4306	4989
4406	5105
4506	5222

4451	5157
4622	5356
4793	5554
4965	5753
5136	5951
5307	6149
5478	6348
5649	6546
5821	6744
5992	6943
6163	7141
6334	7339
6505	7538
6677	7736
6848	7935
7019	8133
7190	8331
7361	8530
7533	8728
7704	8926

Heat Emissions - S70 / D70

Height 1600mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
105	121.7
ΔT50	ΔT56
420	487
525	608
630	730
735	852
840	973
945	1095
1050	1217
1155	1338
1260	1460
1365	1582
1470	1703
1575	1825
1680	1947
1785	2068
1890	2190
1995	2312
2100	2433
2205	2555
2310	2677
2415	2798
2520	2920
2625	3042

D70 40mm	
180	208.6
ΔT50	ΔT56
720	834
900	1043
1080	1251
1260	1460
1440	1669
1620	1877
1800	2086
1980	2294
2160	2503
2340	2711
2520	2920
2700	3128
2880	3337
3060	3546
3240	3754
3420	3963
3600	4171
3780	4380
3960	4588
4140	4797
4320	5006
4500	5214

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
106.1	122.9
ΔT50	ΔT56
424	492
530	614
636	737
742	860
848	983
954	1106
1061	1229
1167	1352
1273	1475
1379	1597
1485	1720
1591	1843
1697	1966
1803	2089
1909	2212
2015	2335
2121	2458
2227	2580
2333	2703
2439	2826
2545	2949
2651	3072

D70 50mm	
181.8	210.7
ΔT50	ΔT56
727	843
909	1053
1091	1264
1273	1475
1454	1685
1636	1896
1818	2107
2000	2317
2182	2528
2363	2738
2545	2949
2727	3160
2909	3370
3091	3581
3272	3792
3454	4002
3636	4213
3818	4424
4000	4634
4181	4845
4363	5056
4545	5266

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

2730	3163
2835	3285
2940	3407
3045	3528
3150	3650
3255	3772
3360	3893
3465	4015
3570	4137
3675	4258
3780	4380
3885	4502
3990	4623
4095	4745
4200	4867
4305	4988
4410	5110
4515	5232
4620	5353
4725	5475

4680	5423
4860	5631
5040	5840
5220	6048
5400	6257
5580	6466
5760	6674
5940	6883
6120	7091
6300	7300
6480	7508
6660	7717
6840	7926
7020	8134
7200	8343
7380	8551
7560	8760
7740	8968
7920	9177
8100	9385

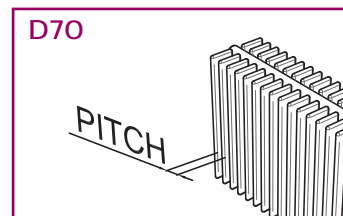
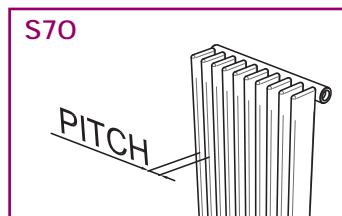
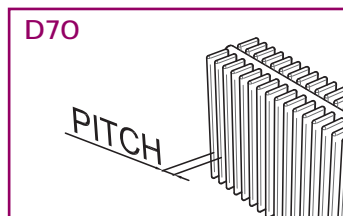
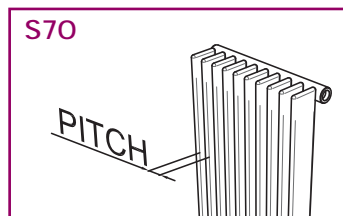
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

2757	3195
2863	3318
2969	3441
3075	3564
3182	3686
3288	3809
3394	3932
3500	4055
3606	4178
3712	4301
3818	4424
3924	4547
4030	4669
4136	4792
4242	4915
4348	5038
4454	5161
4560	5284
4666	5407
4772	5530

4727	5477
4909	5688
5090	5898
5272	6109
5454	6320
5636	6530
5818	6741
5999	6952
6181	7162
6363	7373
6545	7583
6727	7794
6908	8005
7090	8215
7272	8426
7454	8637
7636	8847
7817	9058
7999	9269
8181	9479

Heat Emissions - S70 / D70

Height 1700mm



Style: Pitch: Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
111.5	129.2
ΔT50	ΔT56
446	517
558	646
669	775
781	904
892	1034
1004	1163
1115	1292
1227	1421
1338	1550
1450	1680
1561	1809
1673	1938
1784	2067
1896	2196
2007	2326
2119	2455
2230	2584
2342	2713
2453	2842
2565	2971
2676	3101
2788	3230

D70 40mm	
190.5	220.7
ΔT50	ΔT56
762	883
953	1104
1143	1324
1334	1545
1524	1766
1715	1987
1905	2207
2096	2428
2286	2649
2477	2870
2667	3090
2858	3311
3048	3532
3239	3752
3429	3973
3620	4194
3810	4415
4001	4635
4191	4856
4382	5077
4572	5298
4763	5518

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
112.6	130.5
ΔT50	ΔT56
450	522
563	652
676	783
788	913
901	1044
1014	1174
1126	1305
1239	1435
1351	1566
1464	1696
1577	1827
1689	1957
1802	2088
1914	2218
2027	2349
2140	2479
2252	2610
2365	2740
2478	2871
2590	3001
2703	3132
2815	3262

D70 50mm	
192.4	222.9
ΔT50	ΔT56
770	892
962	1115
1154	1338
1347	1561
1539	1784
1732	2006
1924	2229
2116	2452
2309	2675
2501	2898
2694	3121
2886	3344
3078	3567
3271	3790
3463	4013
3656	4236
3848	4459
4041	4682
4233	4905
4425	5128
4618	5351
4810	5573

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

2899	3359
3011	3488
3122	3617
3234	3747
3345	3876
3457	4005
3568	4134
3680	4263
3791	4393
3903	4522
4014	4651
4126	4780
4237	4909
4349	5039
4460	5168
4572	5297
4683	5426
4795	5555
4906	5685
5018	5814

4953	5739
5144	5960
5334	6181
5525	6401
5715	6622
5906	6843
6096	7063
6287	7284
6477	7505
6668	7726
6858	7946
7049	8167
7239	8388
7430	8609
7620	8829
7811	9050
8001	9271
8192	9491
8382	9712
8573	9933

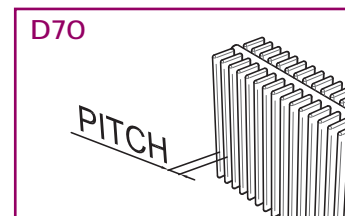
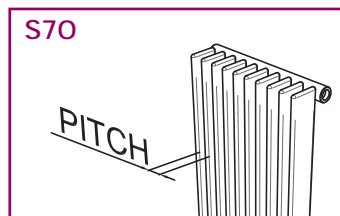
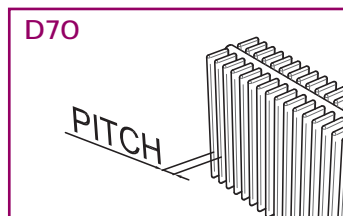
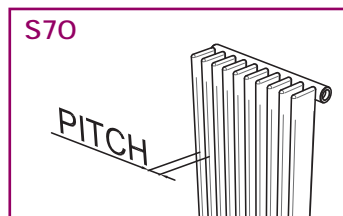
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

2928	3393
3041	3523
3153	3654
3266	3784
3378	3915
3491	4045
3604	4176
3716	4306
3829	4437
3942	4567
4054	4698
4167	4828
4279	4959
4392	5089
4505	5219
4617	5350
4730	5480
4842	5611
4955	5741
5068	5872

5003	5796
5195	6019
5387	6242
5580	6465
5772	6688
5965	6911
6157	7134
6349	7357
6542	7580
6734	7803
6927	8026
7119	8249
7311	8472
7504	8695
7696	8918
7889	9141
8081	9363
8273	9586
8466	9809
8658	10032

Heat Emissions - S70 / D70

Height 1800mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
118	136.7
ΔT50	ΔT56
472	547
590	684
708	820
826	957
944	1094
1062	1231
1180	1367
1298	1504
1416	1641
1534	1777
1652	1914
1770	2051
1888	2188
2006	2324
2124	2461
2242	2598
2360	2735
2478	2871
2596	3008
2714	3145
2832	3281
2950	3418

D70 40mm	
201	232.9
ΔT50	ΔT56
804	932
1005	1164
1206	1397
1407	1630
1608	1863
1809	2096
2010	2329
2211	2562
2412	2795
2613	3028
2814	3261
3015	3493
3216	3726
3417	3959
3618	4192
3819	4425
4020	4658
4221	4891
4422	5124
4623	5357
4824	5590
5025	5822

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
119.4	138.1
ΔT50	ΔT56
477	552
596	690
715	829
834	967
953	1105
1073	1243
1192	1381
1311	1519
1430	1657
1549	1795
1669	1933
1788	2071
1907	2210
2026	2348
2145	2486
2264	2624
2384	2762
2503	2900
2622	3038
2741	3176
2860	3314
2980	3452

D70 50mm	
203	235.2
ΔT50	ΔT56
812	941
1015	1176
1218	1411
1421	1647
1624	1882
1827	2117
2030	2352
2233	2588
2436	2823
2639	3058
2842	3293
3045	3528
3248	3764
3451	3999
3654	4234
3857	4469
4060	4705
4263	4940
4466	5175
4669	5410
4872	5645
5075	5881

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

3068	3555
3186	3692
3304	3828
3422	3965
3540	4102
3658	4239
3776	4375
3894	4512
4012	4649
4130	4785
4248	4922
4366	5059
4484	5196
4602	5332
4720	5469
4838	5606
4956	5743
5074	5879
5192	6016
5310	6153

5226	6055
5427	6288
5628	6521
5829	6754
6030	6987
6231	7220
6432	7453
6633	7686
6834	7919
7035	8151
7236	8384
7437	8617
7638	8850
7839	9083
8040	9316
8241	9549
8442	9782
8643	10015
8844	10248
9045	10480

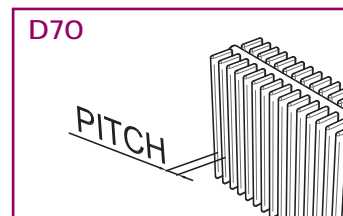
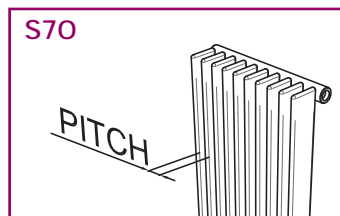
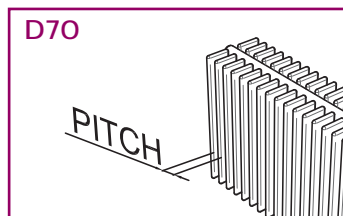
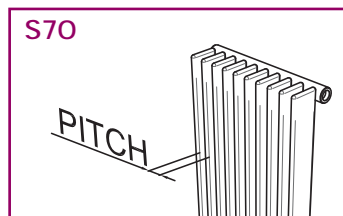
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

3099	3590
3218	3729
3337	3867
3456	4005
3575	4143
3695	4281
3814	4419
3933	4557
4052	4695
4171	4833
4290	4971
4410	5109
4529	5248
4648	5386
4767	5524
4886	5662
5006	5800
5125	5938
5244	6076
5363	6214

5278	6116
5481	6351
5684	6586
5887	6822
6090	7057
6293	7292
6496	7527
6699	7763
6902	7998
7105	8233
7308	8468
7511	8703
7714	8939
7917	9174
8120	9409
8323	9644
8526	9880
8729	10115
8932	10350
9135	10585

Heat Emissions - S70 / D70

Height 1900mm



Style: Pitch: Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
124	143.7
ΔT50	ΔT56
496	575
620	718
744	862
868	1006
992	1149
1116	1293
1240	1437
1364	1580
1488	1724
1612	1868
1736	2012
1860	2155
1984	2299
2108	2443
2232	2586
2356	2730
2480	2874
2604	3017
2728	3161
2852	3305
2976	3448
3100	3592

D70 40mm	
211.5	245.07
ΔT50	ΔT56
846	980
1058	1225
1269	1470
1481	1715
1692	1961
1904	2206
2115	2451
2327	2696
2538	2941
2750	3186
2961	3431
3173	3676
3384	3921
3596	4166
3807	4411
4019	4656
4230	4901
4442	5146
4653	5391
4865	5636
5076	5882
5288	6127

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
125.2	145.1
ΔT50	ΔT56
501	580
626	726
751	871
877	1016
1002	1161
1127	1306
1252	1451
1378	1596
1503	1741
1628	1887
1753	2032
1879	2177
2004	2322
2129	2467
2254	2612
2380	2757
2505	2902
2630	3047
2755	3193
2881	3338
3006	3483
3131	3628

D70 50mm	
213.6	247.5
ΔT50	ΔT56
854	990
1068	1238
1282	1485
1495	1733
1709	1980
1923	2228
2136	2475
2350	2723
2563	2970
2777	3218
2991	3465
3204	3713
3418	3960
3631	4208
3845	4455
4059	4703
4272	4950
4486	5198
4700	5445
4913	5693
5127	5940
5340	6188

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

3224	3736
3348	3879
3472	4023
3596	4167
3720	4310
3844	4454
3968	4598
4092	4741
4216	4885
4340	5029
4464	5172
4588	5316
4712	5460
4836	5603
4960	5747
5084	5891
5208	6035
5332	6178
5456	6322
5580	6466

5499	6372
5711	6617
5922	6862
6134	7107
6345	7352
6557	7597
6768	7842
6980	8087
7191	8332
7403	8577
7614	8822
7826	9067
8037	9312
8249	9558
8460	9803
8672	10048
8883	10293
9095	10538
9306	10783
9518	11028

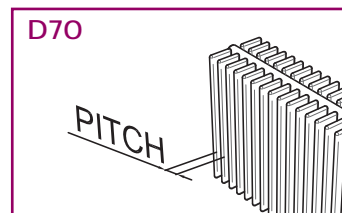
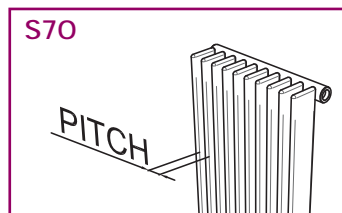
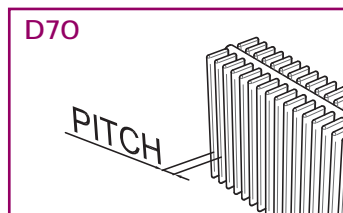
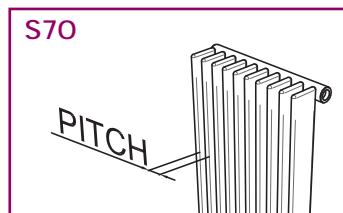
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

3256	3773
3381	3918
3507	4063
3632	4208
3757	4353
3882	4499
4008	4644
4133	4789
4258	4934
4383	5079
4509	5224
4634	5369
4759	5514
4884	5660
5010	5805
5135	5950
5260	6095
5385	6240
5511	6385
5636	6530

5554	6435
5768	6683
5981	6930
6195	7178
6408	7425
6622	7673
6836	7921
7049	8168
7263	8416
7477	8663
7690	8911
7904	9158
8117	9406
8331	9653
8545	9901
8758	10148
8972	10396
9185	10643
9399	10891
9613	11138

Heat Emissions - S70 / D70

Height 2000mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
130	150.6
ΔT50	ΔT56
520	603
650	753
780	904
910	1054
1040	1205
1170	1356
1300	1506
1430	1657
1560	1808
1690	1958
1820	2109
1950	2259
2080	2410
2210	2561
2340	2711
2470	2862
2600	3013
2730	3163
2860	3314
2990	3465
3120	3615
3250	3766

D70 40mm	
222	257.23
ΔT50	ΔT56
888	1029
1110	1286
1332	1543
1554	1801
1776	2058
1998	2315
2220	2572
2442	2830
2664	3087
2886	3344
3108	3601
3330	3858
3552	4116
3774	4373
3996	4630
4218	4887
4440	5145
4662	5402
4884	5659
5106	5916
5328	6174
5550	6431

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
131.3	152.1
ΔT50	ΔT56
525	609
657	761
788	913
919	1065
1050	1217
1182	1369
1313	1521
1444	1674
1576	1826
1707	1978
1838	2130
1970	2282
2101	2434
2232	2586
2363	2738
2495	2891
2626	3043
2757	3195
2889	3347
3020	3499
3151	3651
3283	3803

D70 50mm	
224.2	259.8
ΔT50	ΔT56
897	1039
1121	1299
1345	1559
1570	1819
1794	2078
2018	2338
2242	2598
2466	2858
2691	3118
2915	3377
3139	3637
3363	3897
3588	4157
3812	4417
4036	4676
4260	4936
4484	5196
4709	5456
4933	5716
5157	5975
5381	6235
5606	6495

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

3380	3916
3510	4067
3640	4218
3770	4368
3900	4519
4030	4670
4160	4820
4290	4971
4420	5121
4550	5272
4680	5423
4810	5573
4940	5724
5070	5875
5200	6025
5330	6176
5460	6327
5590	6477
5720	6628
5850	6778

5772	6688
5994	6945
6216	7202
6438	7460
6660	7717
6882	7974
7104	8231
7326	8489
7548	8746
7770	9003
7992	9260
8214	9518
8436	9775
8658	10032
8880	10289
9102	10546
9324	10804
9546	11061
9768	11318
9990	11575

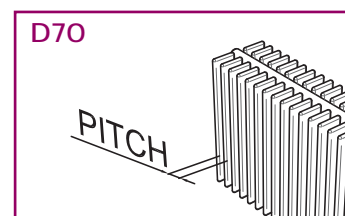
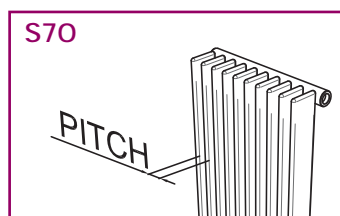
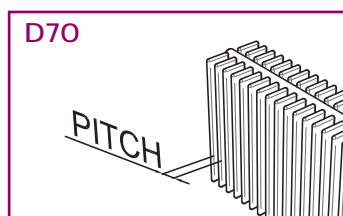
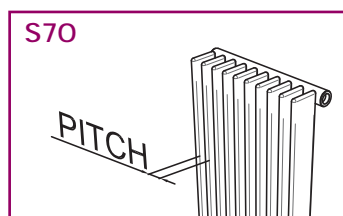
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

3414	3956
3545	4108
3676	4260
3808	4412
3939	4564
4070	4716
4202	4868
4333	5021
4464	5173
4596	5325
4727	5477
4858	5629
4989	5781
5121	5933
5252	6085
5383	6238
5515	6390
5646	6542
5777	6694
5909	6846

5830	6755
6054	7015
6278	7275
6502	7534
6727	7794
6951	8054
7175	8314
7399	8574
7623	8833
7848	9093
8072	9353
8296	9613
8520	9873
8745	10132
8969	10392
9193	10652
9417	10912
9641	11172
9866	11431
10090	11691

Heat Emissions - S70 / D70

Height 2100mm



Style: Pitch: Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
136.5	158.2
ΔT50	ΔT56
546	633
683	791
819	949
956	1107
1092	1265
1229	1423
1365	1582
1502	1740
1638	1898
1775	2056
1911	2214
2048	2372
2184	2531
2321	2689
2457	2847
2594	3005
2730	3163
2867	3321
3003	3480
3140	3638
3276	3796
3413	3954

D70 40mm	
233	269.98
ΔT50	ΔT56
932	1080
1165	1350
1398	1620
1631	1890
1864	2160
2097	2430
2330	2700
2563	2970
2796	3240
3029	3510
3262	3780
3495	4050
3728	4320
3961	4590
4194	4860
4427	5130
4660	5400
4893	5670
5126	5939
5359	6209
5592	6479
5825	6749

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
137.9	159.7
ΔT50	ΔT56
551	639
689	799
827	958
965	1118
1103	1278
1241	1438
1379	1597
1517	1757
1654	1917
1792	2077
1930	2236
2068	2396
2206	2556
2344	2716
2482	2875
2619	3035
2757	3195
2895	3355
3033	3514
3171	3674
3309	3834
3447	3994

D70 50mm	
235.3	272.7
ΔT50	ΔT56
941	1091
1177	1363
1412	1636
1647	1909
1883	2181
2118	2454
2353	2727
2589	2999
2824	3272
3059	3545
3295	3817
3530	4090
3765	4363
4001	4636
4236	4908
4471	5181
4707	5454
4942	5726
5177	5999
5413	6272
5648	6544
5883	6817

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

3549	4112
3686	4270
3822	4429
3959	4587
4095	4745
4232	4903
4368	5061
4505	5219
4641	5378
4778	5536
4914	5694
5051	5852
5187	6010
5324	6168
5460	6327
5597	6485
5733	6643
5870	6801
6006	6959
6143	7117

6058	7019
6291	7289
6524	7559
6757	7829
6990	8099
7223	8369
7456	8639
7689	8909
7922	9179
8155	9449
8388	9719
8621	9989
8854	10259
9087	10529
9320	10799
9553	11069
9786	11339
10019	11609
10252	11879
10485	12149

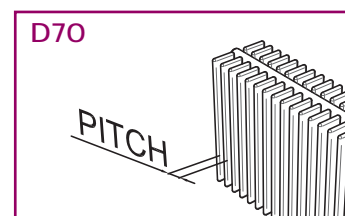
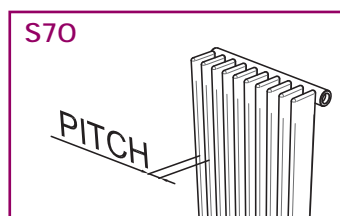
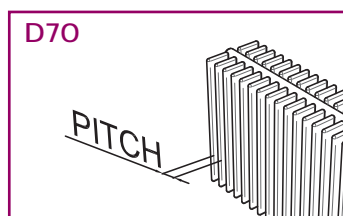
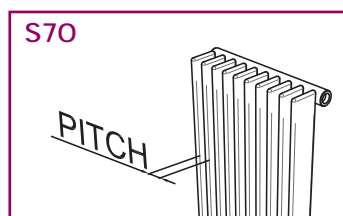
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

3584	4153
3722	4313
3860	4473
3998	4633
4136	4792
4274	4952
4412	5112
4550	5272
4687	5431
4825	5591
4963	5751
5101	5911
5239	6070
5377	6230
5515	6390
5652	6550
5790	6709
5928	6869
6066	7029
6204	7188

6119	7090
6354	7362
6589	7635
6825	7908
7060	8180
7295	8453
7531	8726
7766	8998
8001	9271
8237	9544
8472	9816
8707	10089
8943	10362
9178	10634
9413	10907
9649	11180
9884	11452
10119	11725
10355	11998
10590	12270

Heat Emissions - S70 / D70

Height 2200mm



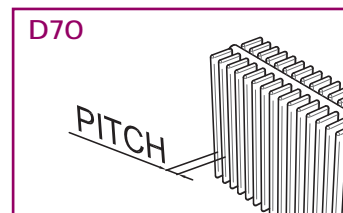
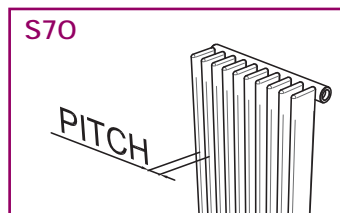
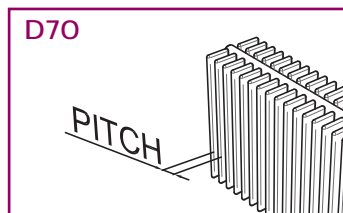
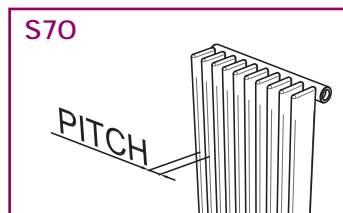
Style: Pitch:		S70 40mm		D70 40mm			S70 50mm		D70 50mm	
Watts/element:		136.5	158.2	233	269.98		144.4	167.4	246.4	285.6
No. of elements	length (mm)	ΔT50	ΔT56	ΔT50	ΔT56	length (mm)	ΔT50	ΔT56	ΔT50	ΔT56
4	160	572	663	976	1131	200	578	669	986	1142
5	200	715	828	1220	1414	250	722	837	1232	1428
6	240	858	994	1464	1696	300	867	1004	1479	1713
7	280	1001	1160	1708	1979	350	1011	1171	1725	1999
8	320	1144	1326	1952	2262	400	1155	1339	1972	2284
9	360	1287	1491	2196	2545	450	1300	1506	2218	2570
10	400	1430	1657	2440	2827	500	1444	1674	2464	2856
11	440	1573	1823	2684	3110	550	1589	1841	2711	3141
12	480	1716	1988	2928	3393	600	1733	2008	2957	3427
13	520	1859	2154	3172	3675	650	1878	2176	3204	3712
14	560	2002	2320	3416	3958	700	2022	2343	3450	3998
15	600	2145	2485	3660	4241	750	2166	2510	3697	4283
16	640	2288	2651	3904	4524	800	2311	2678	3943	4569
17	680	2431	2817	4148	4806	850	2455	2845	4189	4854
18	720	2574	2982	4392	5089	900	2600	3012	4436	5140
19	760	2717	3148	4636	5372	950	2744	3180	4682	5425
20	800	2860	3314	4880	5654	1000	2889	3347	4929	5711
21	840	3003	3480	5124	5937	1050	3033	3514	5175	5997
22	880	3146	3645	5368	6220	1100	3177	3682	5422	6282
23	920	3289	3811	5612	6503	1150	3322	3849	5668	6568
24	960	3432	3977	5856	6785	1200	3466	4016	5915	6853
25	1000	3575	4142	6100	7068	1250	3611	4184	6161	7139

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040	3718	4308	6344	7351	1300	3755	4351	6407	7424
27	1080	3861	4474	6588	7634	1350	3900	4518	6654	7710
28	1120	4004	4639	6832	7916	1400	4044	4686	6900	7995
29	1160	4147	4805	7076	8199	1450	4188	4853	7147	8281
30	1200	4290	4971	7320	8482	1500	4333	5021	7393	8567
31	1240	4433	5137	7564	8764	1550	4477	5188	7640	8852
32	1280	4576	5302	7808	9047	1600	4622	5355	7886	9138
33	1320	4719	5468	8052	9330	1650	4766	5523	8133	9423
34	1360	4862	5634	8296	9613	1700	4911	5690	8379	9709
35	1400	5005	5799	8540	9895	1750	5055	5857	8625	9994
36	1440	5148	5965	8784	10178	1800	5199	6025	8872	10280
37	1480	5291	6131	9028	10461	1850	5344	6192	9118	10565
38	1520	5434	6296	9272	10743	1900	5488	6359	9365	10851
39	1560	5577	6462	9516	11026	1950	5633	6527	9611	11136
40	1600	5720	6628	9760	11309	2000	5777	6694	9858	11422
41	1640	5863	6793	10004	11592	2050	5922	6861	10104	11708
42	1680	6006	6959	10248	11874	2100	6066	7029	10350	11993
43	1720	6149	7125	10492	12157	2150	6210	7196	10597	12279
44	1760	6292	7291	10736	12440	2200	6355	7363	10843	12564
45	1800	6435	7456	10980	12723	2250	6499	7531	11090	12850

Heat Emissions - S70 / D70

Height 2300mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
149	172.6
ΔT50	ΔT56
596	691
745	863
894	1036
1043	1209
1192	1381
1341	1554
1490	1726
1639	1899
1788	2072
1937	2244
2086	2417
2235	2590
2384	2762
2533	2935
2682	3108
2831	3280
2980	3453
3129	3626
3278	3798
3427	3971
3576	4144
3725	4316

D70 40mm	
254.5	294.89
ΔT50	ΔT56
1018	1180
1273	1474
1527	1769
1782	2064
2036	2359
2291	2654
2545	2949
2800	3244
3054	3539
3309	3834
3563	4128
3818	4423
4072	4718
4327	5013
4581	5308
4836	5603
5090	5898
5345	6193
5599	6488
5854	6782
6108	7077
6363	7372

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
150.5	174.4
ΔT50	ΔT56
602	697
752	872
903	1046
1053	1221
1204	1395
1354	1569
1505	1744
1655	1918
1806	2092
1956	2267
2107	2441
2257	2616
2408	2790
2558	2964
2709	3139
2859	3313
3010	3487
3160	3662
3311	3836
3461	4011
3612	4185
3762	4359

D70 50mm	
257	297.8
ΔT50	ΔT56
1028	1191
1285	1489
1542	1787
1799	2085
2056	2383
2313	2681
2570	2978
2827	3276
3085	3574
3342	3872
3599	4170
3856	4468
4113	4765
4370	5063
4627	5361
4884	5659
5141	5957
5398	6255
5655	6552
5912	6850
6169	7148
6426	7446

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

3874	4489
4023	4661
4172	4834
4321	5007
4470	5179
4619	5352
4768	5525
4917	5697
5066	5870
5215	6043
5364	6215
5513	6388
5662	6561
5811	6733
5960	6906
6109	7078
6258	7251
6407	7424
6556	7596
6705	7769

6617	7667
6872	7962
7126	8257
7381	8552
7635	8847
7890	9142
8144	9436
8399	9731
8653	10026
8908	10321
9162	10616
9417	10911
9671	11206
9926	11501
10180	11796
10435	12090
10689	12385
10944	12680
11198	12975
11453	13270

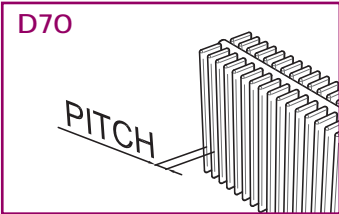
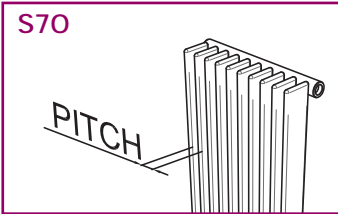
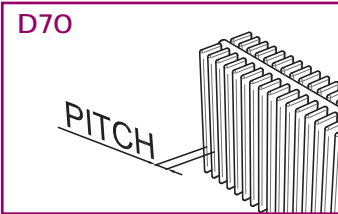
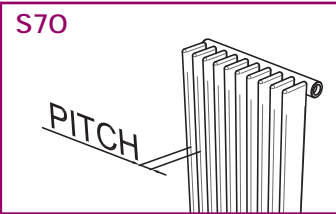
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

3913	4534
4063	4708
4214	4882
4364	5057
4515	5231
4665	5406
4816	5580
4966	5754
5117	5929
5267	6103
5418	6277
5568	6452
5719	6626
5869	6801
6020	6975
6170	7149
6321	7324
6471	7498
6622	7672
6772	7847

6683	7744
6940	8042
7197	8339
7454	8637
7711	8935
7968	9233
8225	9531
8482	9829
8740	10126
8997	10424
9254	10722
9511	11020
9768	11318
10025	11616
10282	11914
10539	12211
10796	12509
11053	12807
11310	13105
11567	13403

Heat Emissions - S70 / D70

Height 2400mm



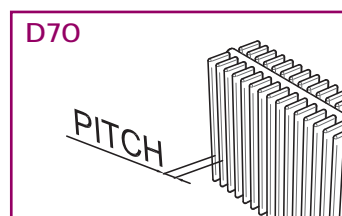
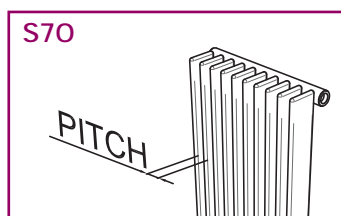
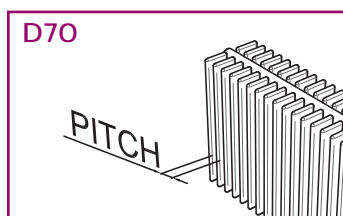
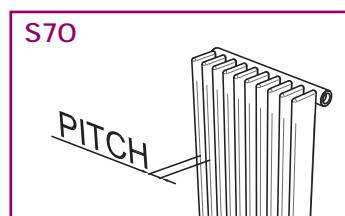
Style: Pitch:		S70 40mm		D70 40mm				S70 50mm		D70 50mm	
Watts/element:		155	179.6	265	307.06			156.6	181.4	267.7	310.1
No. of elements	length (mm)	ΔT50	ΔT56	ΔT50	ΔT56	length (mm)		ΔT50	ΔT56	ΔT50	ΔT56
4	160	620	718	1060	1228	200		626	726	1071	1241
5	200	775	898	1325	1535	250		783	907	1338	1551
6	240	930	1078	1590	1842	300		939	1088	1606	1861
7	280	1085	1257	1855	2149	350		1096	1270	1874	2171
8	320	1240	1437	2120	2456	400		1252	1451	2141	2481
9	360	1395	1616	2385	2763	450		1409	1633	2409	2791
10	400	1550	1796	2650	3071	500		1566	1814	2677	3101
11	440	1705	1976	2915	3378	550		1722	1995	2944	3411
12	480	1860	2155	3180	3685	600		1879	2177	3212	3722
13	520	2015	2335	3445	3992	650		2035	2358	3479	4032
14	560	2170	2514	3710	4299	700		2192	2540	3747	4342
15	600	2325	2694	3975	4606	750		2348	2721	4015	4652
16	640	2480	2874	4240	4913	800		2505	2902	4282	4962
17	680	2635	3053	4505	5220	850		2661	3084	4550	5272
18	720	2790	3233	4770	5527	900		2818	3265	4818	5582
19	760	2945	3412	5035	5834	950		2974	3446	5085	5892
20	800	3100	3592	5300	6141	1000		3131	3628	5353	6203
21	840	3255	3772	5565	6448	1050		3288	3809	5621	6513
22	880	3410	3951	5830	6755	1100		3444	3991	5888	6823
23	920	3565	4131	6095	7062	1150		3601	4172	6156	7133
24	960	3720	4310	6360	7369	1200		3757	4353	6424	7443
25	1000	3875	4490	6625	7676	1250		3914	4535	6691	7753

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040	4030	4670	6890	7983	1300	4070	4716	6959	8063
27	1080	4185	4849	7155	8290	1350	4227	4898	7227	8373
28	1120	4340	5029	7420	8598	1400	4383	5079	7494	8684
29	1160	4495	5208	7685	8905	1450	4540	5260	7762	8994
30	1200	4650	5388	7950	9212	1500	4697	5442	8030	9304
31	1240	4805	5568	8215	9519	1550	4853	5623	8297	9614
32	1280	4960	5747	8480	9826	1600	5010	5805	8565	9924
33	1320	5115	5927	8745	10133	1650	5166	5986	8832	10234
34	1360	5270	6106	9010	10440	1700	5323	6167	9100	10544
35	1400	5425	6286	9275	10747	1750	5479	6349	9368	10854
36	1440	5580	6466	9540	11054	1800	5636	6530	9635	11165
37	1480	5735	6645	9805	11361	1850	5792	6712	9903	11475
38	1520	5890	6825	10070	11668	1900	5949	6893	10171	11785
39	1560	6045	7004	10335	11975	1950	6105	7074	10438	12095
40	1600	6200	7184	10600	12282	2000	6262	7256	10706	12405
41	1640	6355	7364	10865	12589	2050	6419	7437	10974	12715
42	1680	6510	7543	11130	12896	2100	6575	7619	11241	13025
43	1720	6665	7723	11395	13203	2150	6732	7800	11509	13335
44	1760	6820	7902	11660	13510	2200	6888	7981	11777	13646
45	1800	6975	8082	11925	13817	2250	7045	8163	12044	13956

Heat Emissions - S70 / D70

Height 2500mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
162	187.7
ΔT50	ΔT56
648	751
810	939
972	1126
1134	1314
1296	1502
1458	1689
1620	1877
1782	2065
1944	2253
2106	2440
2268	2628
2430	2816
2592	3003
2754	3191
2916	3379
3078	3566
3240	3754
3402	3942
3564	4130
3726	4317
3888	4505
4050	4693

D70 40mm	
276	319.8
ΔT50	ΔT56
1104	1279
1380	1599
1656	1919
1932	2239
2208	2558
2484	2878
2760	3198
3036	3518
3312	3838
3588	4157
3864	4477
4140	4797
4416	5117
4692	5437
4968	5756
5244	6076
5520	6396
5796	6716
6072	7036
6348	7355
6624	7675
6900	7995

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
163.6	189.6
ΔT50	ΔT56
654	758
818	948
982	1138
1145	1327
1309	1517
1473	1706
1636	1896
1800	2085
1963	2275
2127	2465
2291	2654
2454	2844
2618	3033
2782	3223
2945	3413
3109	3602
3272	3792
3436	3981
3600	4171
3763	4360
3927	4550
4091	4740

D70 50mm	
278.8	323
ΔT50	ΔT56
1115	1292
1394	1615
1673	1938
1951	2261
2230	2584
2509	2907
2788	3230
3066	3553
3345	3876
3624	4199
3903	4522
4181	4845
4460	5168
4739	5491
5018	5814
5296	6137
5575	6460
5854	6783
6133	7106
6411	7429
6690	7752
6969	8075

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

4212	4880
4374	5068
4536	5256
4698	5444
4860	5631
5022	5819
5184	6007
5346	6194
5508	6382
5670	6570
5832	6758
5994	6945
6156	7133
6318	7321
6480	7508
6642	7696
6804	7884
6966	8072
7128	8259
7290	8447

7176	8315
7452	8635
7728	8954
8004	9274
8280	9594
8556	9914
8832	10234
9108	10553
9384	10873
9660	11193
9936	11513
10212	11833
10488	12152
10764	12472
11040	12792
11316	13112
11592	13432
11868	13751
12144	14071
12420	14391

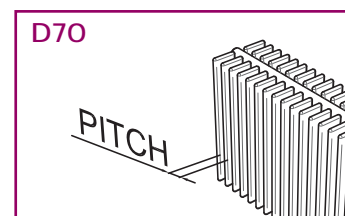
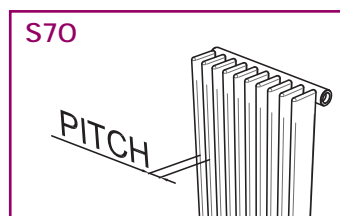
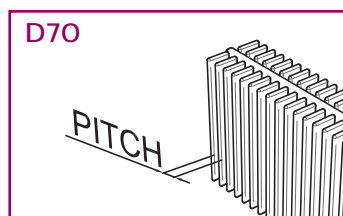
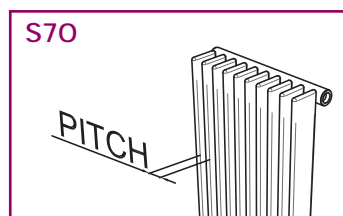
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

4254	4929
4418	5119
4581	5308
4745	5498
4909	5688
5072	5877
5236	6067
5399	6256
5563	6446
5727	6636
5890	6825
6054	7015
6218	7204
6381	7394
6545	7583
6708	7773
6872	7963
7036	8152
7199	8342
7363	8531

7248	8398
7527	8721
7805	9044
8084	9367
8363	9690
8642	10013
8920	10336
9199	10659
9478	10982
9757	11305
10035	11628
10314	11951
10593	12274
10872	12597
11150	12920
11429	13243
11708	13566
11987	13889
12265	14212
12544	14535

Heat Emissions - S70 / D70

Height 2600mm



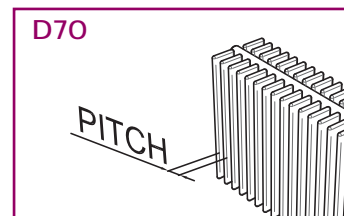
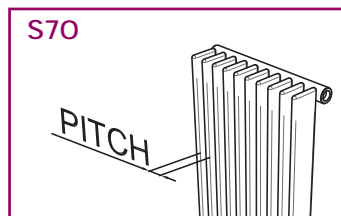
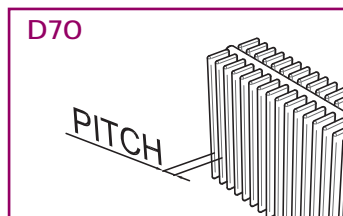
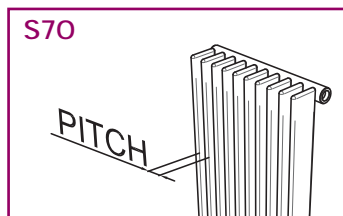
Style: Pitch:		S70 40mm		D70 40mm		length (mm)	S70 50mm		D70 50mm	
Watts/element:		169	195.8	287	332.55		170.7	197.8	289.9	335.9
No. of elements	length (mm)	ΔT50	ΔT56	ΔT50	ΔT56		ΔT50	ΔT56	ΔT50	ΔT56
4	160	676	783	1148	1330	200	683	791	1159	1343
5	200	845	979	1435	1663	250	853	989	1449	1679
6	240	1014	1175	1722	1995	300	1024	1187	1739	2015
7	280	1183	1371	2009	2328	350	1195	1384	2029	2351
8	320	1352	1567	2296	2660	400	1366	1582	2319	2687
9	360	1521	1762	2583	2993	450	1536	1780	2609	3023
10	400	1690	1958	2870	3325	500	1707	1978	2899	3359
11	440	1859	2154	3157	3658	550	1878	2176	3189	3695
12	480	2028	2350	3444	3991	600	2048	2373	3478	4030
13	520	2197	2546	3731	4323	650	2219	2571	3768	4366
14	560	2366	2741	4018	4656	700	2390	2769	4058	4702
15	600	2535	2937	4305	4988	750	2560	2967	4348	5038
16	640	2704	3133	4592	5321	800	2731	3164	4638	5374
17	680	2873	3329	4879	5653	850	2902	3362	4928	5710
18	720	3042	3525	5166	5986	900	3072	3560	5218	6046
19	760	3211	3721	5453	6318	950	3243	3758	5508	6382
20	800	3380	3916	5740	6651	1000	3414	3956	5797	6717
21	840	3549	4112	6027	6983	1050	3584	4153	6087	7053
22	880	3718	4308	6314	7316	1100	3755	4351	6377	7389
23	920	3887	4504	6601	7649	1150	3926	4549	6667	7725
24	960	4056	4700	6888	7981	1200	4097	4747	6957	8061
25	1000	4225	4896	7175	8314	1250	4267	4944	7247	8397

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outside Columns pages 51 & 52)

26	1040	4394	5091	7462	8646	1300	4438	5142	7537	8733
27	1080	4563	5287	7749	8979	1350	4609	5340	7826	9069
28	1120	4732	5483	8036	9311	1400	4779	5538	8116	9404
29	1160	4901	5679	8323	9644	1450	4950	5736	8406	9740
30	1200	5070	5875	8610	9976	1500	5121	5933	8696	10076
31	1240	5239	6070	8897	10309	1550	5291	6131	8986	10412
32	1280	5408	6266	9184	10642	1600	5462	6329	9276	10748
33	1320	5577	6462	9471	10974	1650	5633	6527	9566	11084
34	1360	5746	6658	9758	11307	1700	5803	6724	9856	11420
35	1400	5915	6854	10045	11639	1750	5974	6922	10145	11756
36	1440	6084	7050	10332	11972	1800	6145	7120	10435	12091
37	1480	6253	7245	10619	12304	1850	6316	7318	10725	12427
38	1520	6422	7441	10906	12637	1900	6486	7516	11015	12763
39	1560	6591	7637	11193	12969	1950	6657	7713	11305	13099
40	1600	6760	7833	11480	13302	2000	6828	7911	11595	13435
41	1640	6929	8029	11767	13634	2050	6998	8109	11885	13771
42	1680	7098	8224	12054	13967	2100	7169	8307	12175	14107
43	1720	7267	8420	12341	14300	2150	7340	8504	12464	14443
44	1760	7436	8616	12628	14632	2200	7510	8702	12754	14778
45	1800	7605	8812	12915	14965	2250	7681	8900	13044	15114

Heat Emissions - S70 / D70

Height 2700mm



Style: Pitch: Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
175.5	203.4
ΔT50	ΔT56
702	813
878	1017
1053	1220
1229	1423
1404	1627
1580	1830
1755	2034
1931	2237
2106	2440
2282	2644
2457	2847
2633	3050
2808	3254
2984	3457
3159	3660
3335	3864
3510	4067
3686	4270
3861	4474
4037	4677
4212	4880
4388	5084

D70 40mm	
297	344.13
ΔT50	ΔT56
1188	1377
1485	1721
1782	2065
2079	2409
2376	2753
2673	3097
2970	3441
3267	3785
3564	4130
3861	4474
4158	4818
4455	5162
4752	5506
5049	5850
5346	6194
5643	6539
5940	6883
6237	7227
6534	7571
6831	7915
7128	8259
7425	8603

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
177.3	205.4
ΔT50	ΔT56
709	822
886	1027
1064	1232
1241	1438
1418	1643
1595	1848
1773	2054
1950	2259
2127	2465
2304	2670
2482	2875
2659	3081
2836	3286
3013	3492
3191	3697
3368	3902
3545	4108
3722	4313
3900	4518
4077	4724
4254	4929
4431	5135

D70 50mm	
300	347.6
ΔT50	ΔT56
1200	1390
1500	1738
1800	2085
2100	2433
2400	2781
2700	3128
3000	3476
3300	3823
3600	4171
3900	4518
4200	4866
4500	5214
4800	5561
5099	5909
5399	6256
5699	6604
5999	6952
6299	7299
6599	7647
6899	7994
7199	8342
7499	8689

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

4563	5287
4739	5490
4914	5694
5090	5897
5265	6101
5441	6304
5616	6507
5792	6711
5967	6914
6143	7117
6318	7321
6494	7524
6669	7727
6845	7931
7020	8134
7196	8337
7371	8541
7547	8744
7722	8947
7898	9151

7722	8947
8019	9292
8316	9636
8613	9980
8910	10324
9207	10668
9504	11012
9801	11356
10098	11701
10395	12045
10692	12389
10989	12733
11286	13077
11583	13421
11880	13765
12177	14109
12474	14454
12771	14798
13068	15142
13365	15486

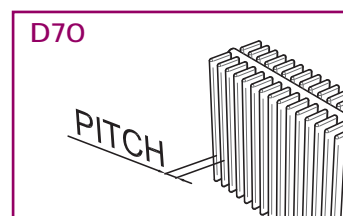
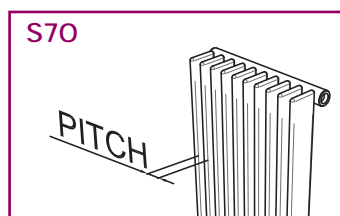
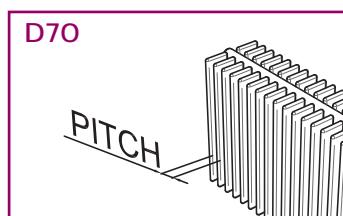
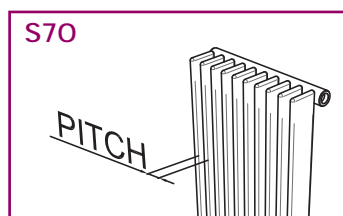
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

4609	5340
4786	5545
4963	5751
5140	5956
5318	6162
5495	6367
5672	6572
5849	6778
6027	6983
6204	7188
6381	7394
6558	7599
6736	7805
6913	8010
7090	8215
7267	8421
7445	8626
7622	8832
7799	9037
7976	9242

7799	9037
8099	9385
8399	9732
8699	10080
8999	10427
9299	10775
9599	11122
9899	11470
10199	11818
10499	12165
10799	12513
11099	12860
11399	13208
11699	13555
11999	13903
12299	14251
12599	14598
12899	14946
13199	15293
13499	15641

Heat Emissions - S70 / D70

Height 2800mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
182	210.9
ΔT50	ΔT56
728	844
910	1054
1092	1265
1274	1476
1456	1687
1638	1898
1820	2109
2002	2320
2184	2531
2366	2741
2548	2952
2730	3163
2912	3374
3094	3585
3276	3796
3458	4007
3640	4218
3822	4429
4004	4639
4186	4850
4368	5061
4550	5272

D70 40mm	
308	356.88
ΔT50	ΔT56
1232	1428
1540	1784
1848	2141
2156	2498
2464	2855
2772	3212
3080	3569
3388	3926
3696	4283
4004	4639
4312	4996
4620	5353
4928	5710
5236	6067
5544	6424
5852	6781
6160	7138
6468	7494
6776	7851
7084	8208
7392	8565
7700	8922

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
183.8	213
ΔT50	ΔT56
735	852
919	1065
1103	1278
1287	1491
1471	1704
1654	1917
1838	2130
2022	2343
2206	2556
2390	2769
2573	2982
2757	3195
2941	3408
3125	3621
3309	3834
3493	4047
3676	4260
3860	4473
4044	4686
4228	4899
4412	5112
4596	5325

D70 50mm	
311.1	360.4
ΔT50	ΔT56
1244	1442
1555	1802
1866	2163
2178	2523
2489	2884
2800	3244
3111	3604
3422	3965
3733	4325
4044	4686
4355	5046
4666	5407
4977	5767
5288	6128
5599	6488
5911	6849
6222	7209
6533	7569
6844	7930
7155	8290
7466	8651
7777	9011

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

4732	5483
4914	5694
5096	5905
5278	6116
5460	6327
5642	6537
5824	6748
6006	6959
6188	7170
6370	7381
6552	7592
6734	7803
6916	8014
7098	8224
7280	8435
7462	8646
7644	8857
7826	9068
8008	9279
8190	9490

8008	9279
8316	9636
8624	9993
8932	10350
9240	10706
9548	11063
9856	11420
10164	11777
10472	12134
10780	12491
11088	12848
11396	13205
11704	13561
12012	13918
12320	14275
12628	14632
12936	14989
13244	15346
13552	15703
13860	16060

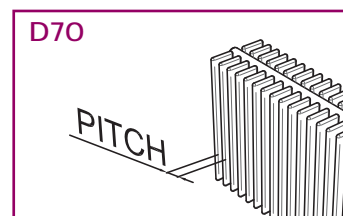
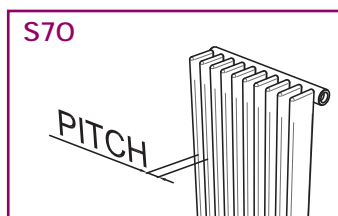
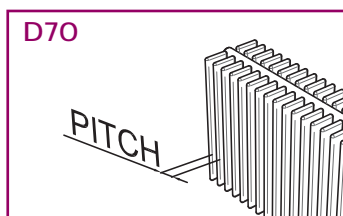
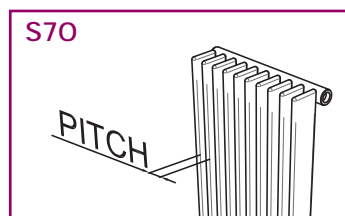
1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

4779	5538
4963	5751
5147	5964
5331	6177
5515	6390
5698	6603
5882	6816
6066	7029
6250	7242
6434	7455
6618	7668
6801	7881
6985	8094
7169	8307
7353	8520
7537	8733
7720	8946
7904	9159
8088	9372
8272	9585

8088	9372
8399	9732
8710	10093
9021	10453
9332	10813
9643	11174
9955	11534
10266	11895
10577	12255
10888	12616
11199	12976
11510	13337
11821	13697
12132	14057
12443	14418
12754	14778
13065	15139
13376	15499
13688	15860
13999	16220

Heat Emissions - S70 / D70

Height 2900mm



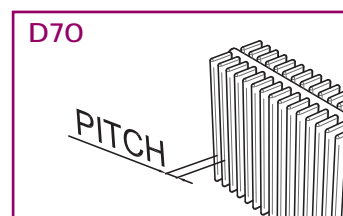
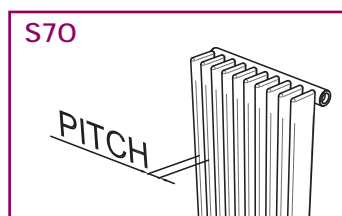
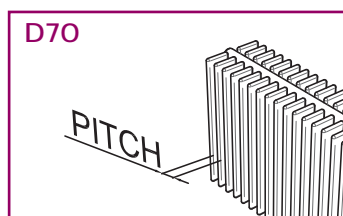
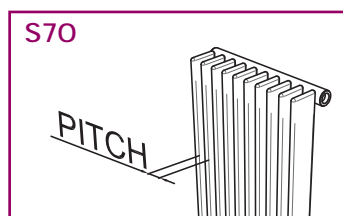
Style: Pitch:		S70 40mm		D70 40mm				S70 50mm		D70 50mm	
Watts/element:		188.5	218.4	319	369.63			190.4	220.6	322.2	373.3
No. of elements	length (mm)	ΔT50	ΔT56	ΔT50	ΔT56	length (mm)		ΔT50	ΔT56	ΔT50	ΔT56
4	160	754	874	1276	1479	200		762	882	1289	1493
5	200	943	1092	1595	1848	250		952	1103	1611	1867
6	240	1131	1310	1914	2218	300		1142	1324	1933	2240
7	280	1320	1529	2233	2587	350		1333	1544	2255	2613
8	320	1508	1747	2552	2957	400		1523	1765	2578	2987
9	360	1697	1966	2871	3327	450		1713	1985	2900	3360
10	400	1885	2184	3190	3696	500		1904	2206	3222	3733
11	440	2074	2403	3509	4066	550		2094	2427	3544	4107
12	480	2262	2621	3828	4436	600		2285	2647	3866	4480
13	520	2451	2839	4147	4805	650		2475	2868	4188	4853
14	560	2639	3058	4466	5175	700		2665	3088	4511	5227
15	600	2828	3276	4785	5544	750		2856	3309	4833	5600
16	640	3016	3495	5104	5914	800		3046	3530	5155	5973
17	680	3205	3713	5423	6284	850		3237	3750	5477	6346
18	720	3393	3931	5742	6653	900		3427	3971	5799	6720
19	760	3582	4150	6061	7023	950		3617	4191	6122	7093
20	800	3770	4368	6380	7393	1000		3808	4412	6444	7466
21	840	3959	4587	6699	7762	1050		3998	4633	6766	7840
22	880	4147	4805	7018	8132	1100		4188	4853	7088	8213
23	920	4336	5024	7337	8501	1150		4379	5074	7410	8586
24	960	4524	5242	7656	8871	1200		4569	5294	7733	8960
25	1000	4713	5460	7975	9241	1250		4760	5515	8055	9333

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040	4901	5679	8294	9610	1300	4950	5736	8377	9706
27	1080	5090	5897	8613	9980	1350	5140	5956	8699	10080
28	1120	5278	6116	8932	10350	1400	5331	6177	9021	10453
29	1160	5467	6334	9251	10719	1450	5521	6397	9344	10826
30	1200	5655	6552	9570	11089	1500	5712	6618	9666	11200
31	1240	5844	6771	9889	11458	1550	5902	6839	9988	11573
32	1280	6032	6989	10208	11828	1600	6092	7059	10310	11946
33	1320	6221	7208	10527	12198	1650	6283	7280	10632	12320
34	1360	6409	7426	10846	12567	1700	6473	7500	10954	12693
35	1400	6598	7645	11165	12937	1750	6663	7721	11277	13066
36	1440	6786	7863	11484	13307	1800	6854	7942	11599	13440
37	1480	6975	8081	11803	13676	1850	7044	8162	11921	13813
38	1520	7163	8300	12122	14046	1900	7235	8383	12243	14186
39	1560	7352	8518	12441	14415	1950	7425	8603	12565	14560
40	1600	7540	8737	12760	14785	2000	7615	8824	12888	14933
41	1640	7729	8955	13079	15155	2050	7806	9045	13210	15306
42	1680	7917	9173	13398	15524	2100	7996	9265	13532	15680
43	1720	8106	9392	13717	15894	2150	8187	9486	13854	16053
44	1760	8294	9610	14036	16264	2200	8377	9706	14176	16426
45	1800	8483	9829	14355	16633	2250	8567	9927	14499	16799

Heat Emissions - S70 / D70

Height 3000mm



Style: Pitch:	
Watts/element:	
No. of elements	length (mm)
4	160
5	200
6	240
7	280
8	320
9	360
10	400
11	440
12	480
13	520
14	560
15	600
16	640
17	680
18	720
19	760
20	800
21	840
22	880
23	920
24	960
25	1000

S70 40mm	
195	225.95
ΔT50	ΔT56
780	904
975	1130
1170	1356
1365	1582
1560	1808
1755	2034
1950	2259
2145	2485
2340	2711
2535	2937
2730	3163
2925	3389
3120	3615
3315	3841
3510	4067
3705	4293
3900	4519
4095	4745
4290	4971
4485	5197
4680	5423
4875	5649

D70 40mm	
330	382.37
ΔT50	ΔT56
1320	1529
1650	1912
1980	2294
2310	2677
2640	3059
2970	3441
3300	3824
3630	4206
3960	4588
4290	4971
4620	5353
4950	5736
5280	6118
5610	6500
5940	6883
6270	7265
6600	7647
6930	8030
7260	8412
7590	8795
7920	9177
8250	9559

length (mm)
200
250
300
350
400
450
500
550
600
650
700
750
800
850
900
950
1000
1050
1100
1150
1200
1250

S70 50mm	
197	228.2
ΔT50	ΔT56
788	913
985	1141
1182	1369
1379	1597
1576	1826
1773	2054
1970	2282
2166	2510
2363	2738
2560	2967
2757	3195
2954	3423
3151	3651
3348	3880
3545	4108
3742	4336
3939	4564
4136	4792
4333	5021
4530	5249
4727	5477
4924	5705

D70 50mm	
333.3	386.2
ΔT50	ΔT56
1333	1545
1667	1931
2000	2317
2333	2703
2666	3090
3000	3476
3333	3862
3666	4248
4000	4634
4333	5021
4666	5407
5000	5793
5333	6179
5666	6565
5999	6952
6333	7338
6666	7724
6999	8110
7333	8496
7666	8882
7999	9269
8333	9655

NOTE: When the width and height each exceed 900mm, the radiator is delivered in two pieces and connected on site by means of a connector piece, supplied with the radiator (see Outsize Columns pages 51 & 52)

26	1040
27	1080
28	1120
29	1160
30	1200
31	1240
32	1280
33	1320
34	1360
35	1400
36	1440
37	1480
38	1520
39	1560
40	1600
41	1640
42	1680
43	1720
44	1760
45	1800

5070	5875
5265	6101
5460	6327
5655	6552
5850	6778
6045	7004
6240	7230
6435	7456
6630	7682
6825	7908
7020	8134
7215	8360
7410	8586
7605	8812
7800	9038
7995	9264
8190	9490
8385	9716
8580	9942
8775	10168

8580	9942
8910	10324
9240	10706
9570	11089
9900	11471
10230	11854
10560	12236
10890	12618
11220	13001
11550	13383
11880	13765
12210	14148
12540	14530
12870	14912
13200	15295
13530	15677
13860	16060
14190	16442
14520	16824
14850	17207

1300
1350
1400
1450
1500
1550
1600
1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
2150
2200
2250

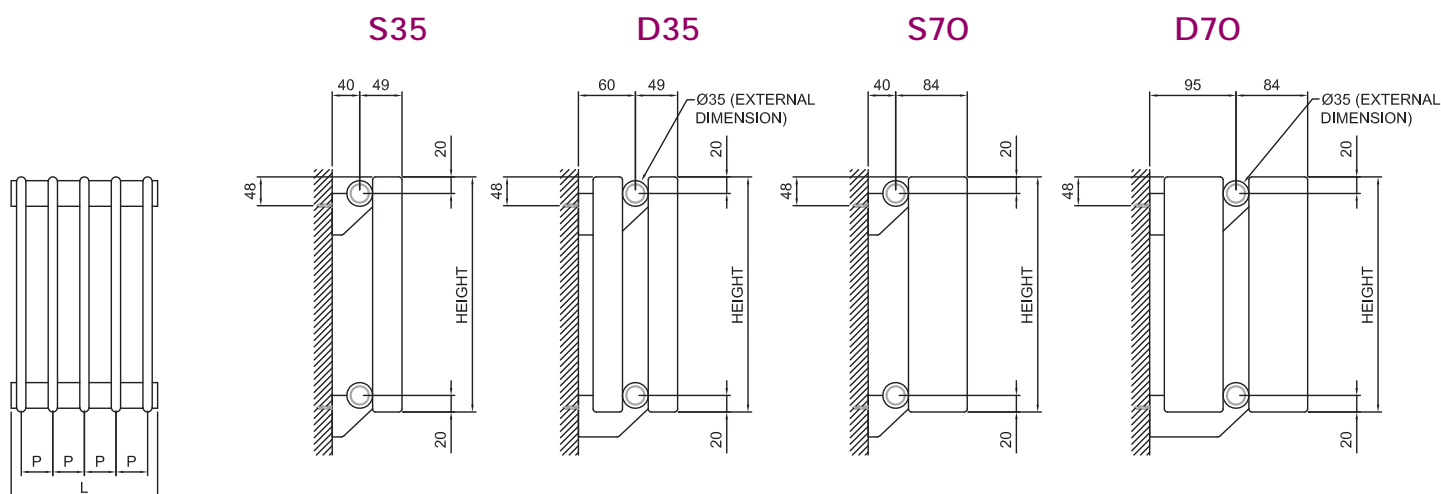
5121	5933
5318	6162
5515	6390
5712	6618
5909	6846
6105	7074
6302	7303
6499	7531
6696	7759
6893	7987
7090	8215
7287	8444
7484	8672
7681	8900
7878	9128
8075	9356
8272	9585
8469	9813
8666	10041
8863	10269

8666	10041
8999	10427
9332	10813
9666	11200
9999	11586
10332	11972
10666	12358
10999	12744
11332	13131
11666	13517
11999	13903
12332	14289
12665	14675
12999	15062
13332	15448
13665	15834
13999	16220
14332	16606
14665	16993
14999	17379

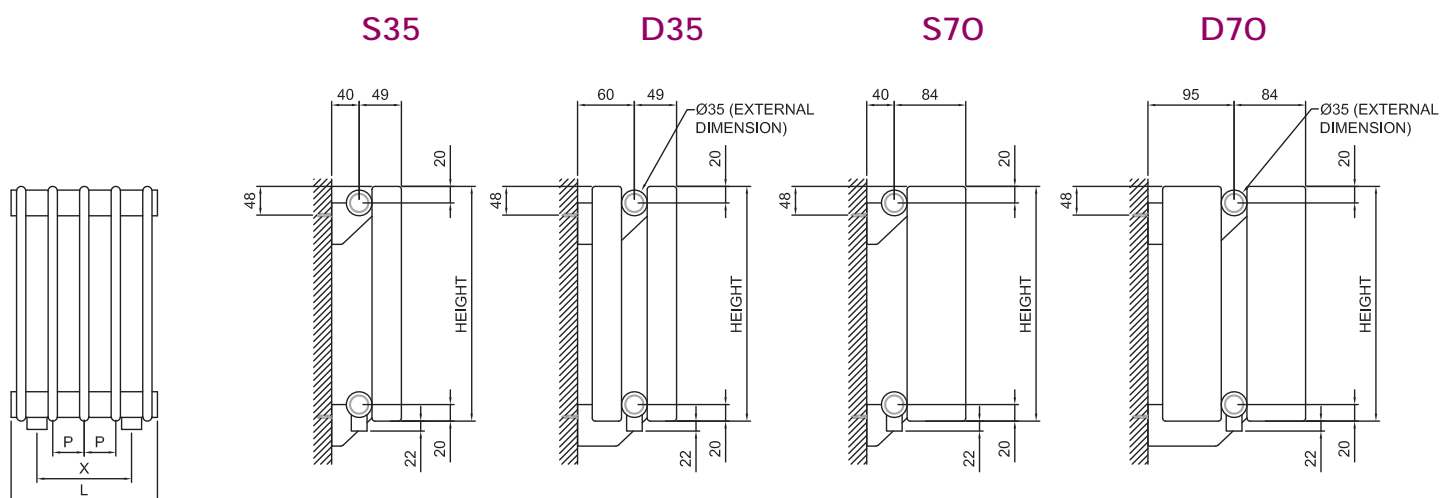
Applications

Piping & connection details

ABCD connections



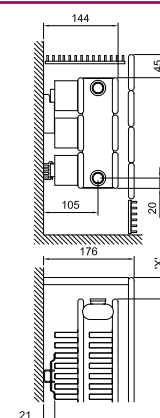
EFGH connections



How to calculate centre to centre dimension

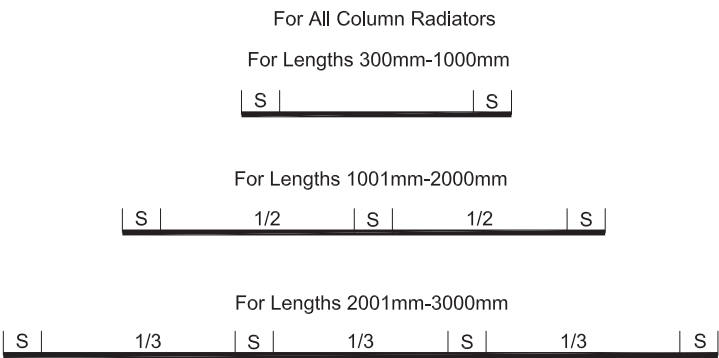
$L = N \times P$
 $X = (N - 2) \times P$
 L = Width of the radiator
 N = Number of elements
 P = Element Pitch
 X = Centre to centre dimension for EFGH connections

Element Spacing			
S35	S70	D35	D70
35mm	40/50mm	35mm	40/50mm



Applications and Bracket Details

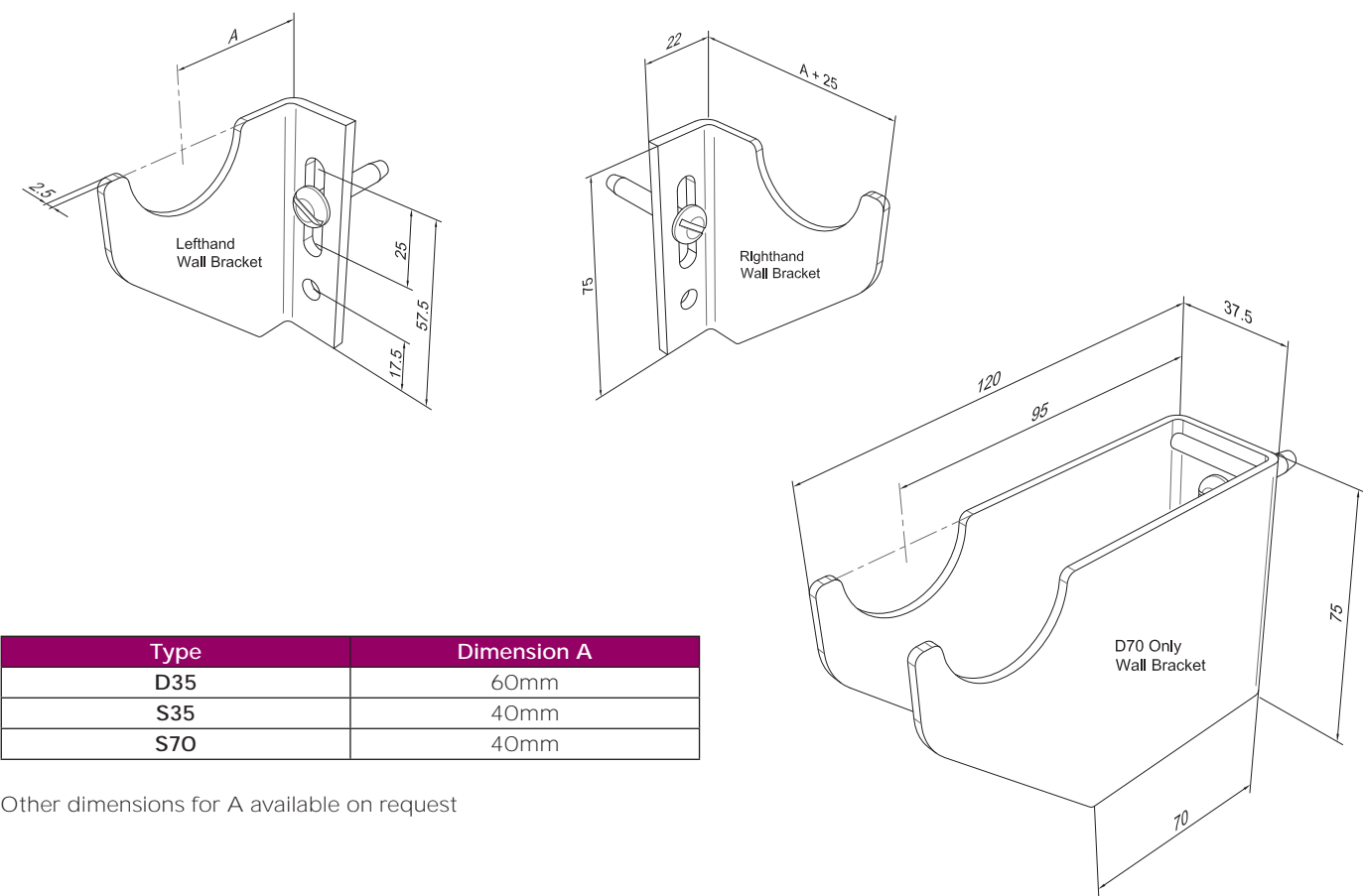
Support positions over length range



S = Support Position

Brackets

All Quinn Merriott column radiators are supplied as standard with wall-mounting brackets. Lefthand and righthand brackets (see illustration) are used for mounting the S35, S70 and D35 types. The D70 requires a wider bracket (see illustration).

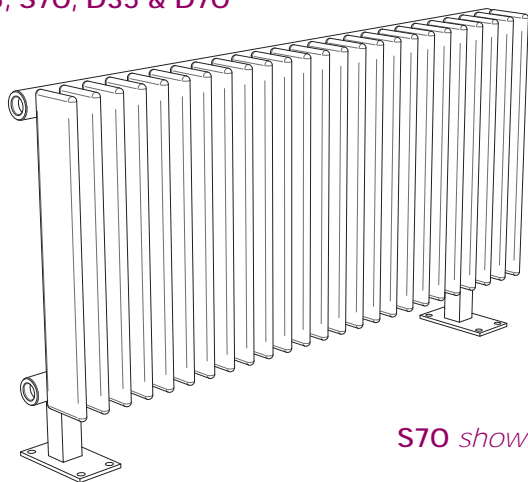


Other dimensions for A available on request

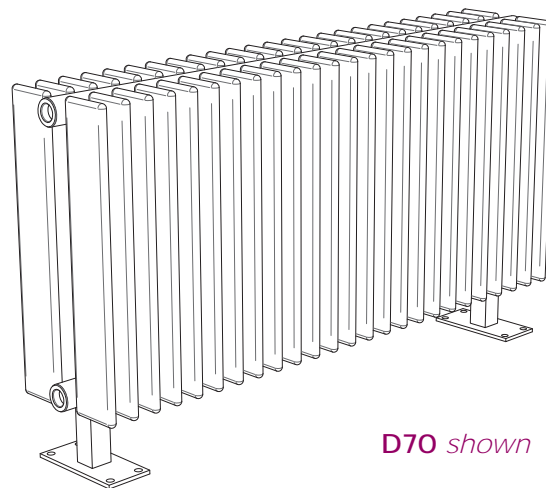
Features and Options

Welded feet

for S35, S70, D35 & D70



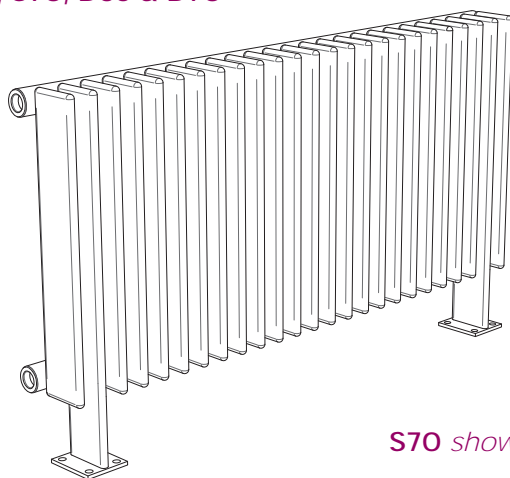
S70 shown



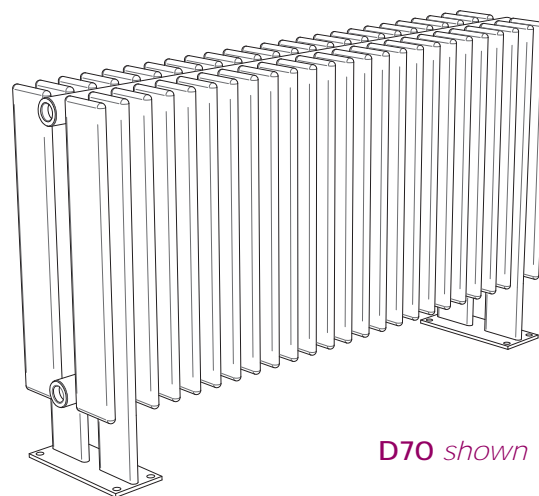
D70 shown

Extended element feet

for S35, S70, D35 & D70



S70 shown



D70 shown

Outsize Columns / Split Columns

When the length and height each exceed 900mm, column radiators are delivered in two pieces, and are connected on site by means of specially designed connection pieces, supplied with the radiator (see Sample Installation Sheets page 51/52). The pitch remains constant for the entire length of the assembled unit. Please contact the sales office.

Floor - Mounting

Floor-mounting brackets (AKA Feet) are available for all Quinn Merriott column radiators, for a premium. The options for floor-mounting are:

- 1.) Welded Feet (See page 50)
- 2.) Extended Element Feet (See page 50)
- 3.) Retrofit Feet (See page 50)

Options 1 & 2 can only be supplied as part of the radiator, this detail must be specified at the time of order. For floor-mounting units above 500mm high (radiator and floor-mounting bracket), it is strongly recommended to also add top supports to ensure stability. Please contact the sales office if additional information is required.

Connection variations

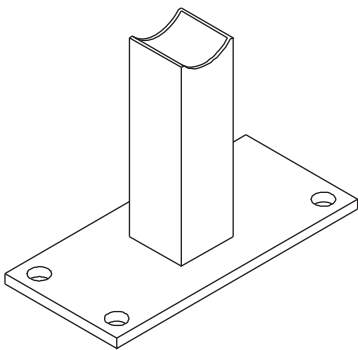
Quinn Merriott column radiators are supplied with four 1/2" (15mm) connections as standard. Non-standard connections are available on all columns. As baffles are required in the header tubes, to allow for water movement throughout the radiators, the flow and return direction must be identified on all column radiators at time of order.

Feet Available For Column Radiators

(As products are subject to continued research to improve design and performance, we reserve the right to alter specifications without notice).

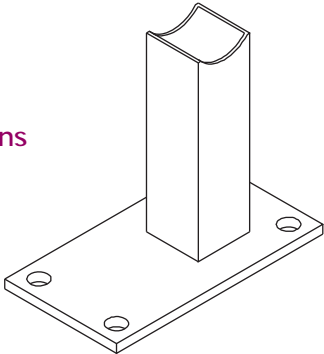
For Double Columns

D35 PP-F045
D70 PP-F005



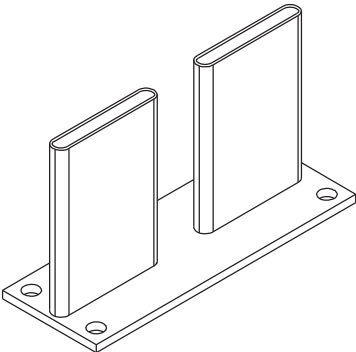
For Single Columns

S35 PP-F006
S70 PP-F006



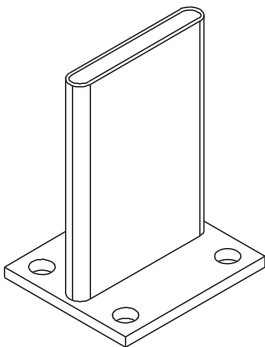
For Double Columns

D35 PP-F036
D70 PP-F037



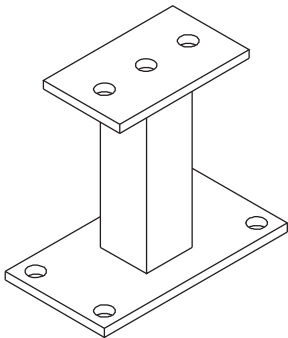
For Single Columns

S35 PP-F038
S70 PP-F039



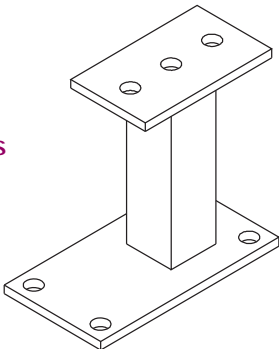
For Double Columns

D35 PP-F040
D70 PP-F041



For Single Columns

S35 PP-F043
S70 PP-F044



Retrofit foot assembled

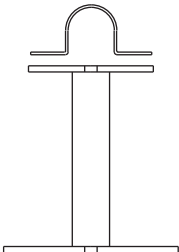
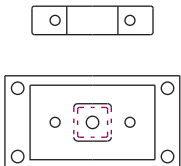
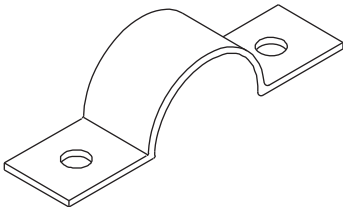
Top Strap

For Double Columns

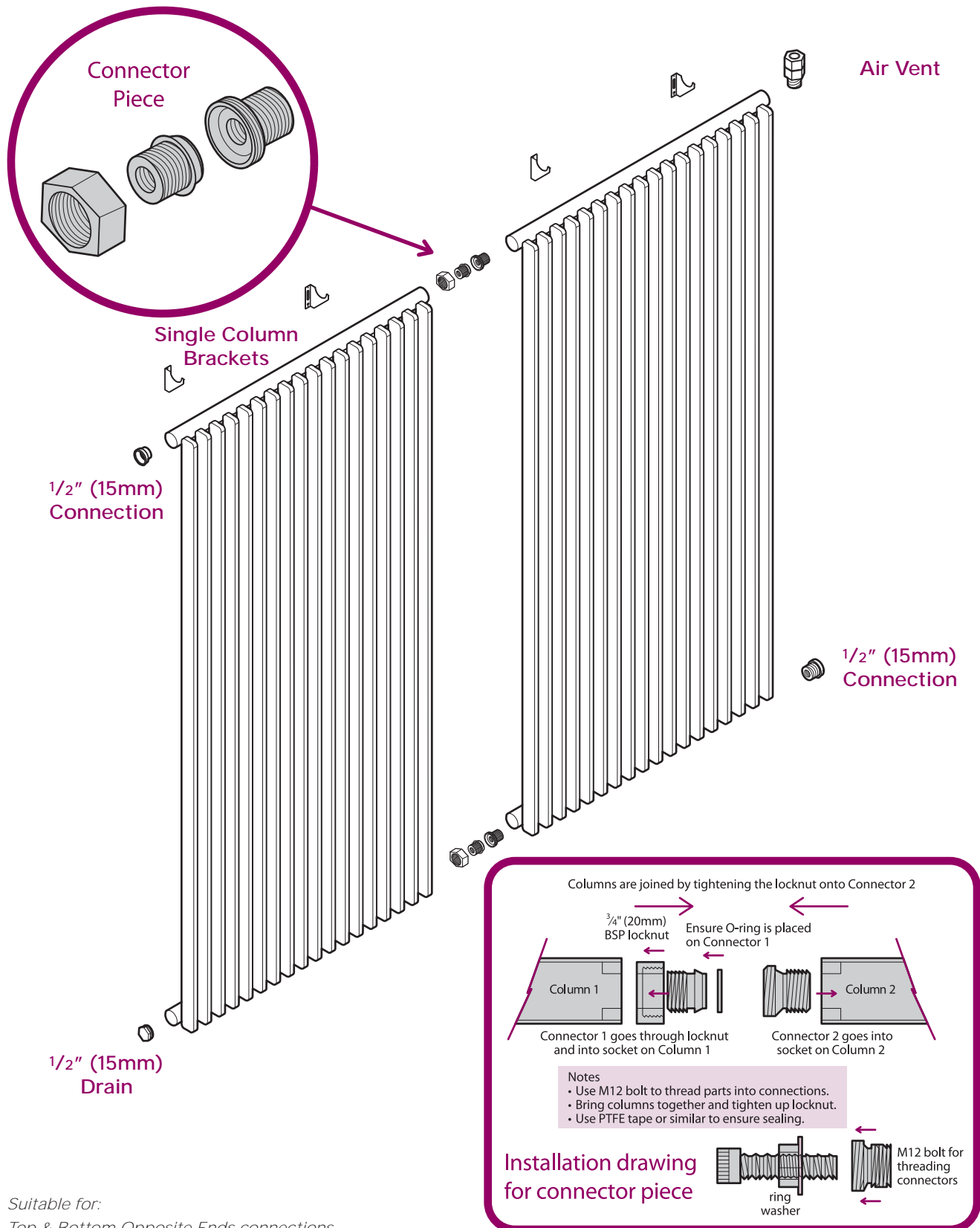
PP-F042

For Single Columns

PP-F046

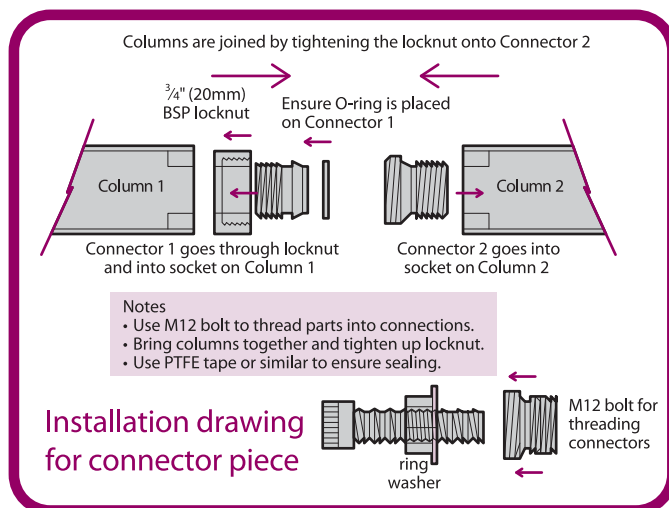
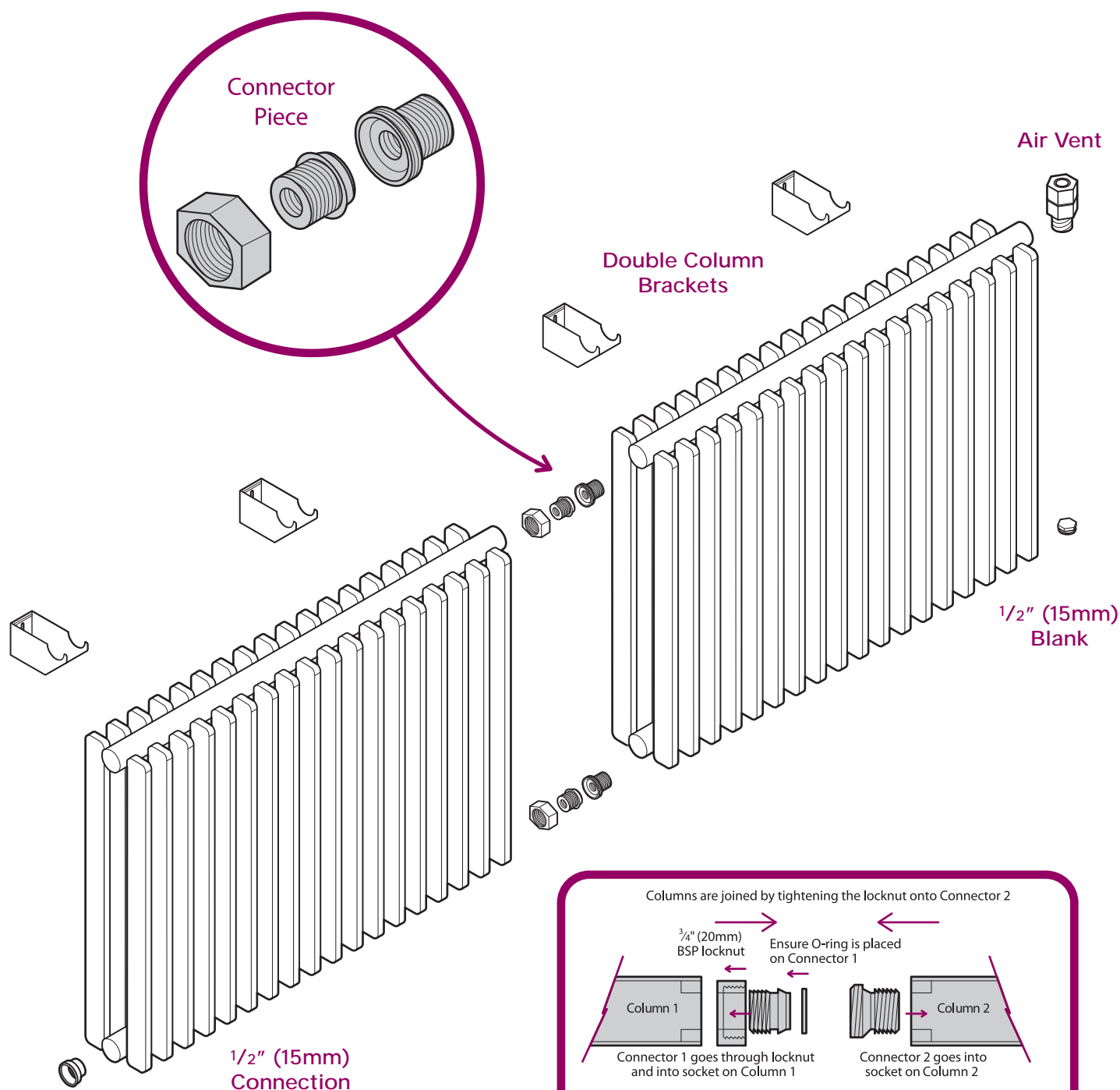


S35 & S70 Sample Installation Sheet



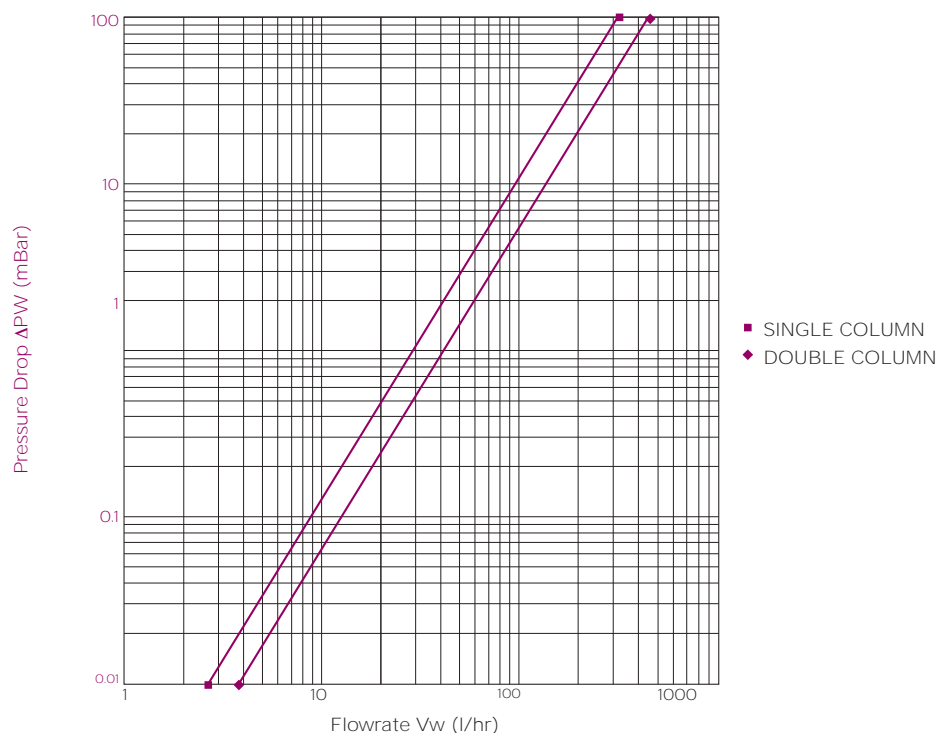
Suitable for:
Top & Bottom Opposite Ends connections

D35 & D70 Sample Installation Sheet



Suitable for connections:
1 Bottom Horizontal 2 Bottom Vertical

Resistance



How to calculate the Resistance of a Column Radiator.

The following is how to find the resistance of a Column Radiator type S70 1520mm long X 1000mm high:

First, establish what the output of the column is. This is found in the catalogue.

(For this particular example please see page 26.) Output from the Catalogue is 3043 Watts

In this example the system is operating at $\Delta T 56^\circ\text{C}$ (Flow @ 82°C , Return 71°C). (If the output is for a $\Delta T^\circ\text{C}$ other than what is indicated in the emission tables ($\Delta T 50^\circ\text{C}$ or $\Delta T 56^\circ\text{C}$) please use the correction factor tables indicated to get the corrected output.)

C is the Specific Heat Constant (always $4187 \text{ J/Kg}^\circ\text{C}$)

Calculate the flow rate as follows:

$$Q = (m) \times (C) \times (\Delta T)$$

$$\text{Output} = (\text{Flow Rate}) (\text{Constant}) (\text{Difference between flow and return temperature})$$

$$\text{Watts} = (l/s) (J/Kg^\circ\text{C}) (^\circ\text{C})$$

$$2911 = (m) (4187) (11)$$

Therefore

$$m = 3043 / ((4187) \times (11))$$

$$m = 0.066070304 \text{ Litres per Second (l/s) multiply by 3600 to convert to litres per hour}$$

$$m = 237.85 \text{ litres per hour (l/hr)}$$

Now, lookup the resistance diagram

Reading from the chart this gives a value of 24mBar or 2.4Kpa S70 is a Single Column Radiator so the reading is taken from the Single Column line, S35 & S70. For Double Column radiators take the reading from the Double Column line, D35 & D70

Correction Factors

Emissions at two separate Delta T°Cs (ΔT°Cs) are provided in the Heat Emission Charts in this catalogue.

Listed below are the correction factors needed to calculate the emission at other Delta Ts (ΔTs) between 30° and 80°C. This is done by correcting your heat emission with the appropriate correction factor selected from the table below.

Example:

Say, required room temperature = 21°C, flow temperature = 86°C, return temperature = 72°C
How is the emission found?

Solution:

Mean Water Temperature = (T flow + T return) / 2 = (86 + 72) / 2 = 79°C
DeltaT = Mean Water Temp - Required Room Temp = 79 - 21 = 58°C

From the tables below, the emission for a S35 or S70 type is 1.204 times the emission stated at ΔT50°C or 1.045 times the emission stated at ΔT56°C, etc.

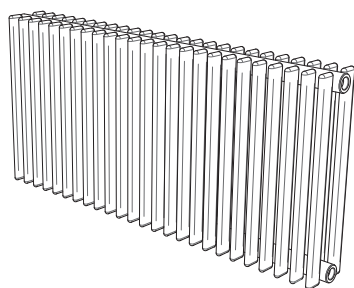
ΔT(°C)P	Based on	Based on
	ΔT50	ΔT56
30	0.528	0.458
31	0.550	0.477
32	0.572	0.497
33	0.595	0.516
34	0.617	0.536
35	0.640	0.556
36	0.663	0.576
37	0.686	0.596
38	0.710	0.616
39	0.733	0.636
40	0.757	0.657
41	0.780	0.677
42	0.804	0.698
43	0.828	0.719
44	0.852	0.740
45	0.877	0.761
46	0.901	0.782
47	0.926	0.803
48	0.950	0.825
49	0.975	0.846
50	1.000	0.868
51	1.025	0.890
52	1.050	0.912
53	1.076	0.933
54	1.101	0.956
55	1.127	0.978

ΔT(°C)P	Based on	Based on
	ΔT50	ΔT56
56	1.152	1.000
57	1.178	1.022
58	1.204	1.045
59	1.230	1.067
60	1.256	1.090
61	1.282	1.113
62	1.309	1.136
63	1.335	1.159
64	1.361	1.182
65	1.368	1.205
66	1.415	1.228
67	1.442	1.251
68	1.469	1.275
69	1.496	1.298
70	1.523	1.322
71	1.550	1.345
72	1.577	1.369
73	1.605	1.393
74	1.632	1.417
75	1.660	1.441
76	1.688	1.465
77	1.716	1.489
78	1.743	1.513
79	1.771	1.537
80	1.799	1.562

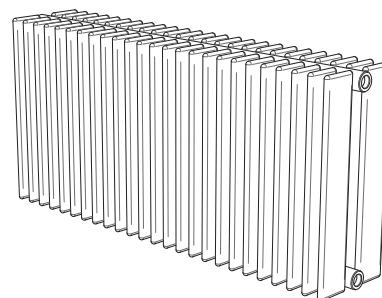
Radiators Available From Stock

Vertical Columns available from stock

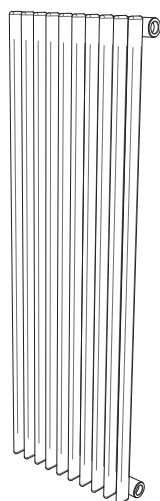
D35		
Height 500mm		
Heat Emission (watts)		
Length	$\Delta T50$	$\Delta T56$
805	902	1045
1120	1254	1454
1400	1568	1817



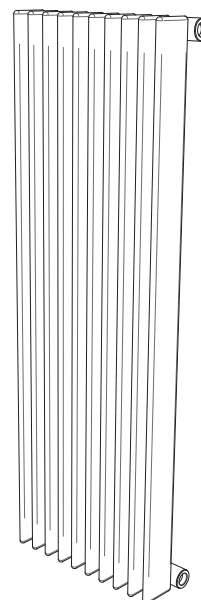
D70		
Height 500mm		
Heat Emission (watts)		
Length	$\Delta T50$	$\Delta T56$
800	1242	1439
1120	1739	2015
1400	2174	2519



S35		
Height 600mm		
Heat Emission (watts)		
Length	$\Delta T50$	$\Delta T56$
980	843	977
1400	1204	1395



S70		
Height 2000mm		
Heat Emission (watts)		
Length	$\Delta T50$	$\Delta T56$
320	991	1149
400	1239	1436
480	1487	1723
600	1859	2154
800	2478	2872



How to Order

Head Office Quinn Radiators

Derrylin, Co. Fermanagh, Northern Ireland, BT92 9AU

Tel : +44 (0) 28 6774 8888

Fax : +44 (0) 28 6774 8107

Email : sales@quinn-merriott.com

Web : www.quinn-merriott.com

Manufacturing Facility

Quinn Radiators, Imperial Park, Newport, Gwent NP10 8ZY

Tel : +44 (0) 1633 657 000

Fax : +44 (0) 1633 657 084

Irish Enquires

Quotes:

Tel : +44 (0) 28 6774 2606

Fax: +353 (0) 49 9525231

Orders:

Tel : +44 (0) 28 6774 2503

Fax: +353 (0) 49 9525231

UK Enquires

Quotes:

Tel : +44 (0) 28 6774 2549

Fax: +353 (0) 49 9525231

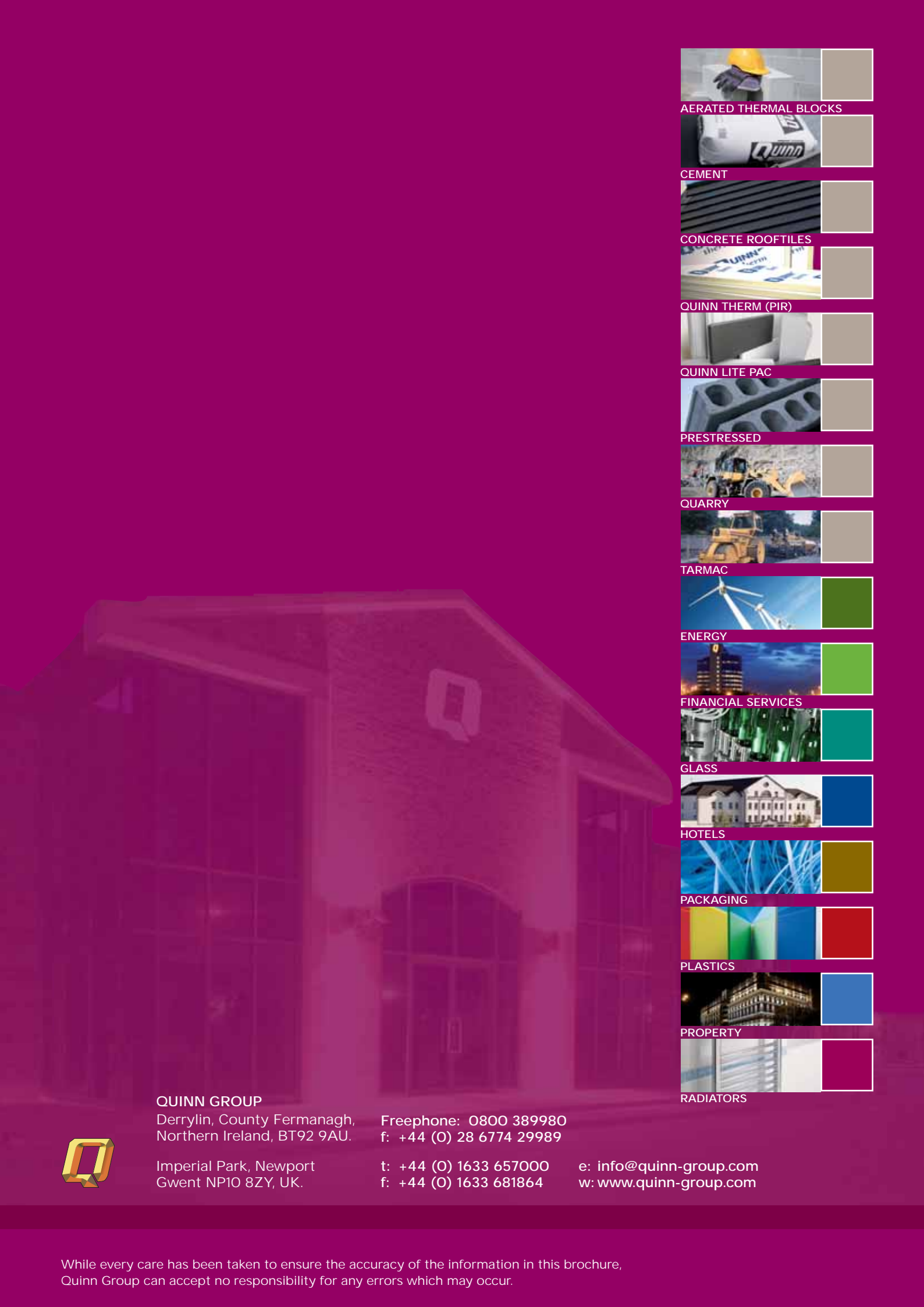
Orders:

Tel : +44 (0) 28 6774 2182

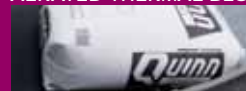
+44 (0) 1942 262466

Fax: +353 (0) 49 9525231

+44 (0) 1942 260684



AERATED THERMAL BLOCKS



CEMENT



CONCRETE ROOFTILES



QUINN THERM (PIR)



QUINN LITE PAC



PRESTRESSED



QUARRY



TARMAC



ENERGY



FINANCIAL SERVICES



GLASS



HOTELS



PACKAGING



PLASTICS



PROPERTY



RADIATORS

QUINN GROUP

Derrylin, County Fermanagh,
Northern Ireland, BT92 9AU.

Freephone: 0800 389980
f: +44 (0) 28 6774 29989

Imperial Park, Newport
Gwent NP10 8ZY, UK.

t: +44 (0) 1633 657000
f: +44 (0) 1633 681864

e: info@quinn-group.com
w: www.quinn-group.com

