Merriott

Radiavector

What does Merriott stand for?

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

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

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

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

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

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

Content

Range Overview

Radiavector

The Merriott Radiavector is a low-level convector which provides high output within a small footprint.

Outputs range between 336w to 2530w per metre at ΔT50 ° C.

Available in heights of 70mm to 280mm in 70mm increments

Available from 400mm length through to a maximum of 2000mm in increments of 100mm. Increments of 200mm are available between 2000mm and 3000mm lengths.

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

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

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

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

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

CONNECTIONS
Standard connections are 4 x 1/2" BSP connections, with BDAC configuration provided as standard, other connection configurations and connection sizes are available on request. See page 16 for details.

Flow and return positions must be specified at time of ordering.

TESTING
The standard test pressure is 7.8 bar giving a maximum operating pressure of 6 bar, a high pressure version is available upon request (with a 10 bar operating pressure), at an additional charge.

BRACKETS AND FEET
Merriott Radiavector are supplied with either wall bracket or box section feet, according to your specification.

Boxed feet are also available to cover pipe (see page 14) but must be specified at the time of order as retrofitting is not possible.

GRILLES
Radiavectors are supplied with linear bar grille as standard, which can be removed if necessary.

DIMENSIONAL TOLERANCES
Dimensional tolerances are in accordance with EN442.

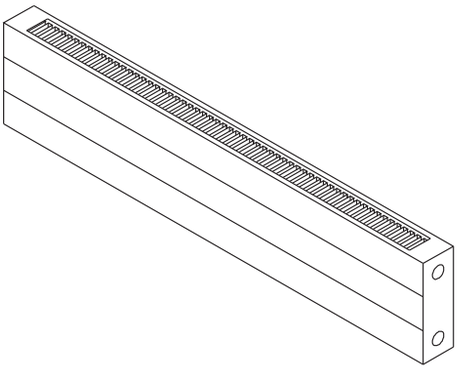
MATERIALS
Merriott Radiavector radiators are manufactured from flat steel tubes, 70mm x 11mm, with a standard thickness of 1.5mm. High pressure Radiavector radiators are manufactured from 2.0mm steel thickness.

WARRANTY
Merriott Radiavectors are guaranteed for a period of 5 years from date of purchase in respect of defective materials and workmanship. The system should be designed in accordance with British Standard Code of Practice for Water Based Heating Systems in Buildings **BS EN 12828:2012+A1:2014** and **BS EN 12831: 2003**. The installation and commissioning of the system should comply with **BS EN 14336:2004**. On completion of the installation, the system should be properly flushed and filled in accordance with the British Code of Practice for the Treatment of Water in Domestic Hot Water Central Heating Systems **BS 7593:2006**, Part L of Building Regulations and Good Practice Guidance for Scotland. Merriott strongly recommends the use of corrosion inhibitor for all applications. Failure to observe these standards may invalidate the manufacturer's warranty.

Range Options

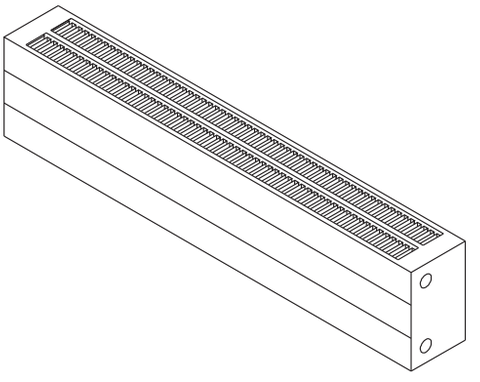
K22

2 panel
Single fin convector



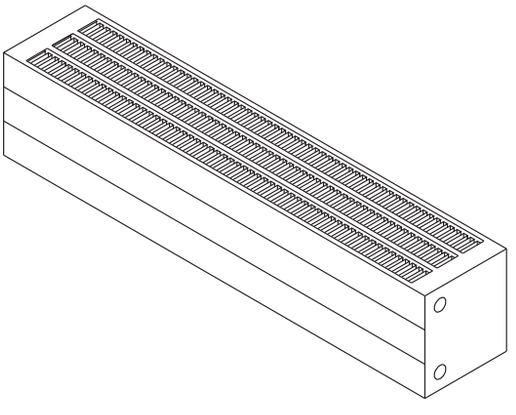
K34

3 panel
Double fin convector



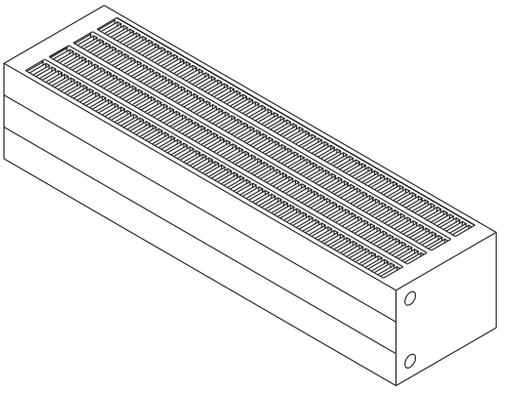
K46

4 panel
Triple fin convector



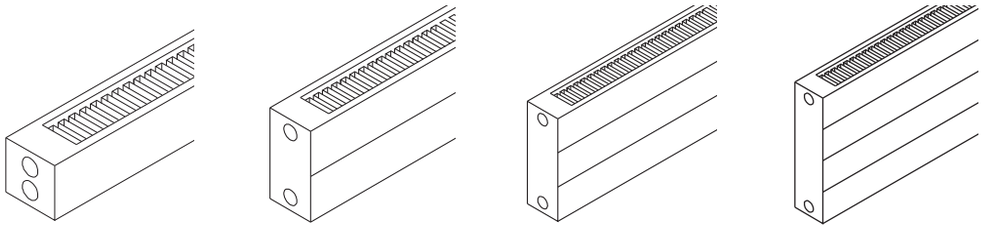
K58

5 panel
Quadruple fin convector



Heat Outputs

K22: 2 Panel single fin convector

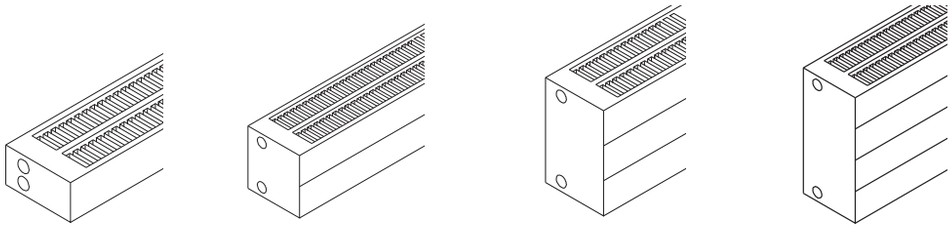


Height (mm)	70		140		210		280	
Depth (mm) (excl. brackets)	72		72		72		72	
'n'	1.29		1.29		1.29		1.30	
Length (mm)	Output (Watts)							
	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
400	134	69	210	108	273	141	330	170
500	168	87	262	135	341	176	413	212
600	201	104	314	162	410	211	495	255
700	235	121	367	189	478	246	578	297
800	268	139	419	216	546	281	661	340
900	302	156	472	243	614	317	743	382
1000	336	173	524	270	683	352	826	425
1100	369	191	577	297	751	387	908	467
1200	403	208	629	324	819	422	991	510
1300	436	225	681	351	888	457	1073	552
1400	470	243	734	378	956	492	1156	595
1500	503	260	786	405	1024	528	1239	637
1600	537	277	839	432	1092	563	1321	680
1700	570	294	891	459	1161	598	1404	722
1800	604	312	943	487	1229	633	1486	765
1900	637	329	996	514	1297	668	1569	807
2000	671	346	1048	541	1366	703	1651	850
2100	705	364	1101	568	1434	739	1734	892
2200	738	381	1153	595	1502	774	1816	935
2300	772	398	1205	622	1570	809	1899	977
2400	805	416	1258	649	1639	844	1982	1020
2500	839	433	1310	676	1707	879	2064	1062
2600	872	450	1363	703	1775	914	2147	1105
2700	906	468	1415	730	1843	950	2229	1147
2800	939	485	1468	757	1912	985	2312	1189
2900	973	502	1520	784	1980	1020	2394	1232
3000	1007	520	1572	811	2048	1055	2477	1274

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.
For outputs at other ΔT's please see calculation example on page 19.

Heat Outputs

K34: 3 Panel double fin convector

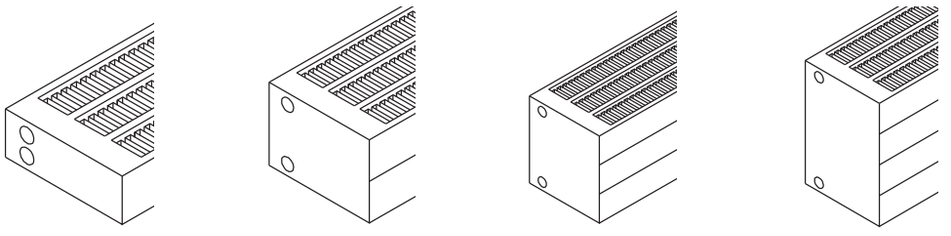


Height (mm)	70		140		210		280	
Depth (mm) (excl. brackets)	133		133		133		133	
'n'	1.29		1.29		1.29		1.30	
Length (mm)	Output (Watts)							
	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
400	231	119	361	186	470	242	569	293
500	289	149	451	233	588	303	711	366
600	347	179	542	279	706	363	853	439
700	405	209	632	326	823	424	996	512
800	462	239	722	372	941	485	1138	585
900	520	269	812	419	1058	545	1280	659
1000	578	298	903	466	1176	606	1422	732
1100	636	328	993	512	1294	666	1564	805
1200	693	358	1083	559	1411	727	1707	878
1300	751	388	1174	605	1529	787	1849	951
1400	809	418	1264	652	1646	848	1991	1024
1500	867	448	1354	698	1764	909	2133	1098
1600	925	477	1444	745	1882	969	2275	1171
1700	982	507	1535	791	1999	1030	2418	1244
1800	1040	537	1625	838	2117	1090	2560	1317
1900	1098	567	1715	885	2234	1151	2702	1390
2000	1156	597	1806	931	2352	1212	2844	1463
2100	1214	627	1896	978	2470	1272	2987	1537
2200	1271	656	1986	1024	2587	1333	3129	1610
2300	1329	686	2076	1071	2705	1393	3271	1683
2400	1387	716	2167	1117	2822	1454	3413	1756
2500	1445	746	2257	1164	2940	1514	3555	1829
2600	1503	776	2347	1210	3058	1575	3698	1902
2700	1560	806	2437	1257	3175	1636	3840	1976
2800	1618	835	2528	1304	3293	1696	3982	2049
2900	1676	865	2618	1350	3410	1757	4124	2122
3000	1734	895	2708	1397	3528	1817	4267	2195

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.
For outputs at other ΔT's please see calculation example on page 19.

Heat Outputs

K46: 4 Panel triple fin convector

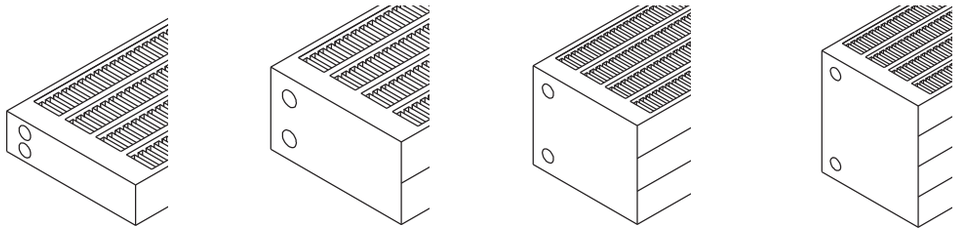


Height (mm)	70		140		210		280	
Depth (mm) (excl. brackets)	194		194		194		194	
'n'	1.29		1.29		1.29		1.30	
Length (mm)	Output (Watts)							
	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
400	323	167	505	261	658	339	796	409
500	404	209	632	326	823	424	995	512
600	485	250	758	391	987	509	1194	614
700	566	292	884	456	1152	593	1393	717
800	647	334	1010	521	1316	678	1592	819
900	728	376	1137	586	1481	763	1791	921
1000	809	417	1263	651	1645	848	1990	1024
1100	889	459	1389	716	1810	932	2189	1126
1200	970	501	1516	782	1974	1017	2388	1228
1300	1051	543	1642	847	2139	1102	2587	1331
1400	1132	584	1768	912	2304	1187	2786	1433
1500	1213	626	1895	977	2468	1271	2985	1536
1600	1294	668	2021	1042	2633	1356	3184	1638
1700	1375	710	2147	1107	2797	1441	3383	1740
1800	1455	751	2274	1172	2962	1526	3582	1843
1900	1536	793	2400	1238	3126	1610	3781	1945
2000	1617	835	2526	1303	3291	1695	3980	2047
2100	1698	877	2652	1368	3455	1780	4179	2150
2200	1779	918	2779	1433	3620	1865	4378	2252
2300	1860	960	2905	1498	3784	1949	4577	2355
2400	1941	1002	3031	1563	3949	2034	4776	2457
2500	2021	1044	3158	1628	4113	2119	4974	2559
2600	2102	1085	3284	1694	4278	2204	5173	2662
2700	2183	1127	3410	1759	4442	2288	5372	2764
2800	2264	1169	3537	1824	4607	2373	5571	2866
2900	2345	1211	3663	1889	4772	2458	5770	2969
3000	2426	1252	3789	1954	4936	2543	5969	3071

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.
For outputs at other ΔT's please see calculation example on page 19.

Heat Outputs

K58: 5 Panel quadruple fin convector



Height (mm)	70		140		210		280	
Depth (mm) (excl. brackets)	255		255		255		255	
'n'	1.29		1.29		1.29		1.30	
Length (mm)	Output (Watts)							
	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30	ΔT50	ΔT30
400	411	212	642	331	837	431	1012	521
500	514	265	803	414	1046	539	1265	651
600	617	318	964	497	1255	647	1518	781
700	720	372	1124	580	1464	754	1771	911
800	822	425	1285	663	1674	862	2024	1041
900	925	478	1445	745	1883	970	2277	1171
1000	1028	531	1606	828	2092	1078	2530	1302
1100	1131	584	1767	911	2301	1185	2783	1432
1200	1234	637	1927	994	2510	1293	3036	1562
1300	1336	690	2088	1077	2720	1401	3289	1692
1400	1439	743	2248	1159	2929	1509	3542	1822
1500	1542	796	2409	1242	3138	1616	3795	1952
1600	1645	849	2569	1325	3347	1724	4048	2083
1700	1748	902	2730	1408	3556	1832	4301	2213
1800	1850	955	2891	1491	3766	1940	4554	2343
1900	1953	1008	3051	1574	3975	2047	4807	2473
2000	2056	1062	3212	1656	4184	2155	5060	2603
2100	2159	1115	3372	1739	4393	2263	5313	2733
2200	2262	1168	3533	1822	4602	2371	5566	2864
2300	2365	1221	3694	1905	4812	2478	5819	2994
2400	2467	1274	3854	1988	5021	2586	6072	3124
2500	2570	1327	4015	2070	5230	2694	6325	3254
2600	2673	1380	4175	2153	5439	2802	6578	3384
2700	2776	1433	4336	2236	5648	2909	6831	3514
2800	2879	1486	4497	2319	5858	3017	7084	3645
2900	2981	1539	4657	2402	6067	3125	7337	3775
3000	3084	1592	4818	2485	6276	3233	7590	3905

NOTE:
All outputs are in accordance with BS EN442 certification.
'n' = average exponent value.
For outputs at other ΔT's please see calculation example on page 19.

Weight and Water Content

K22: 2 PANEL SINGLE FIN CONVECTOR

Height	70mm	140mm	210mm	280mm
Dry Weight (kg/m)	6	12.3	18.5	24.7
Water Content (l/m)	1.2	2.3	3.5	4.7

K34: 3 PANEL DOUBLE FIN CONVECTOR

Height	70mm	140mm	210mm	280mm
Dry Weight (kg/m)	9.7	19.6	29.6	39.6
Water Content (l/m)	1.7	3.7	5.5	7.4

K46: 4 PANEL TRIPLE FIN CONVECTOR

Height	70mm	140mm	210mm	280mm
Dry Weight (kg/m)	13.3	27.1	40.9	54.6
Water Content (l/m)	2.5	7.6	7.6	10.1

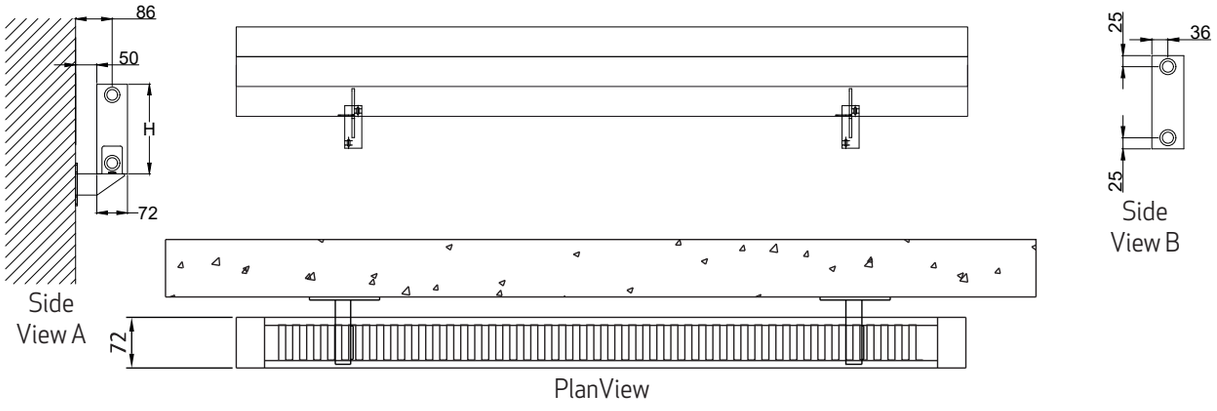
K58: 5 PANEL QUADRUPLE FIN CONVECTOR

Height	70mm	140mm	210mm	280mm
Dry Weight (kg/m)	18	36.6	55.2	73.9
Water Content (l/m)	3.2	6.4	9.6	12.8

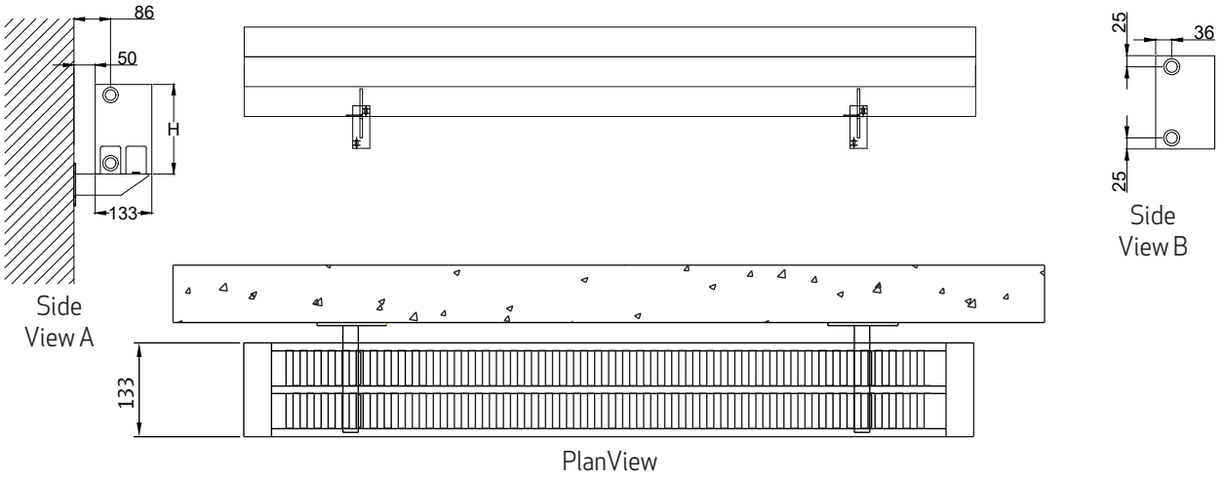
Dimensional Information

K22 & K34 models

K22



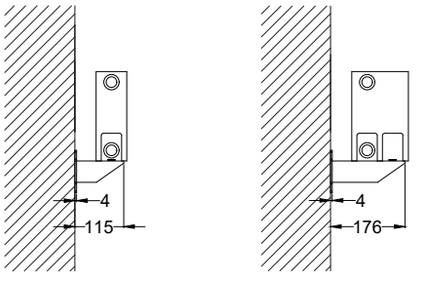
K34



WALL-BRACKET

The brackets used to wall mount the Radiavector are cantilever brackets.
They bear their weight on prongs, from underneath the Radiavector, and not using a backclip.

Part Number: SUWBRVR



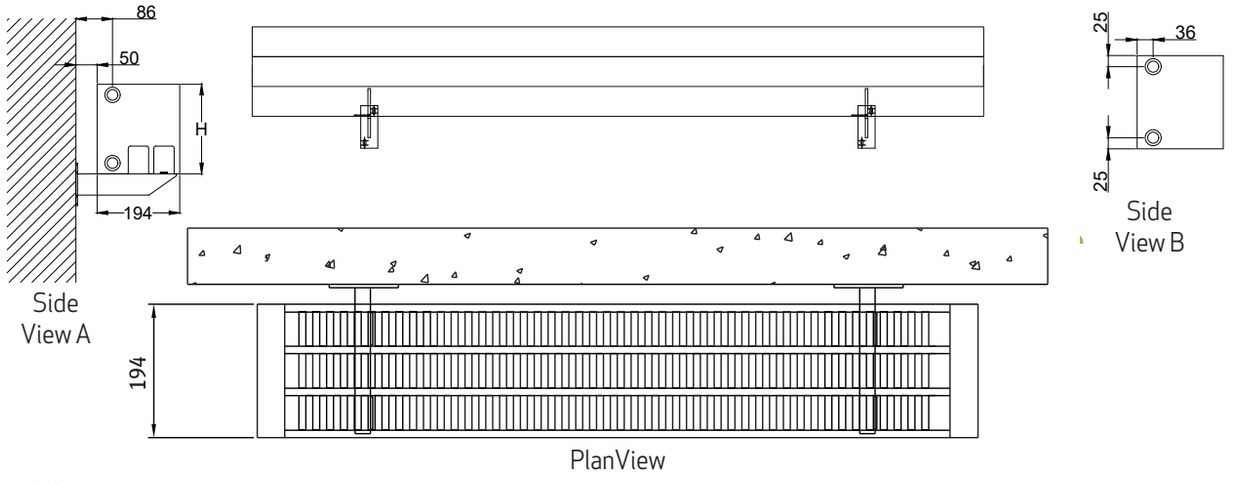
K22 K34

Note: All connection & distance dimensions shown are the same when using Wall Mounted brackets or Boxed Section Feet.

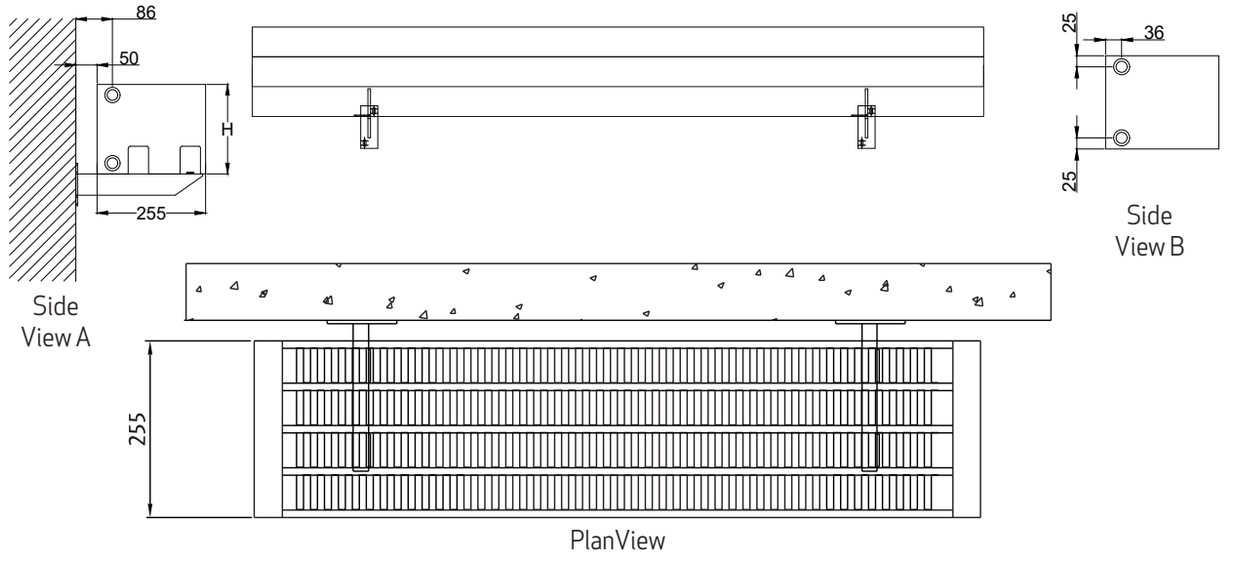
Dimensional Information

K46 & K58 models

K46



K58

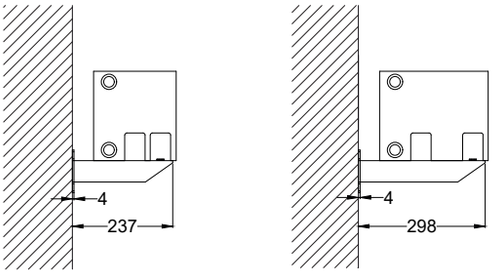


WALL BRACKET

The brackets used to wall mount the Radiavector are cantilever brackets.
They bear their weight on prongs, from underneath the Radiavector, and not using a backclip.

Part Number:

SUWBRVR



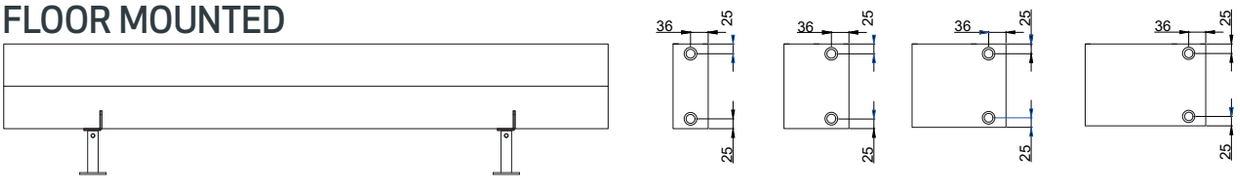
K46 **K58**

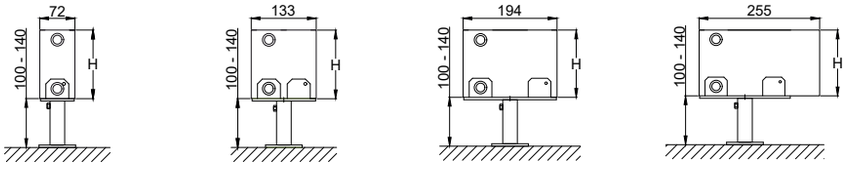
Note: All connection & distance dimensions shown are the same when using Wall Mounted brackets.

Mounting Details

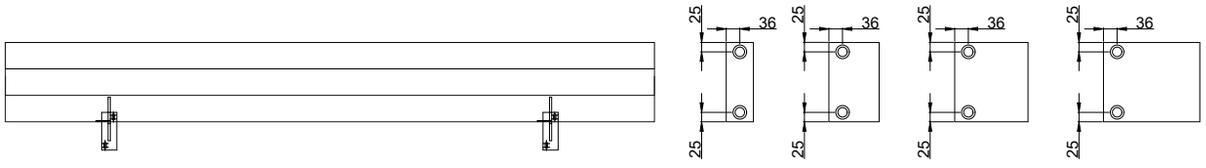
Mounting options

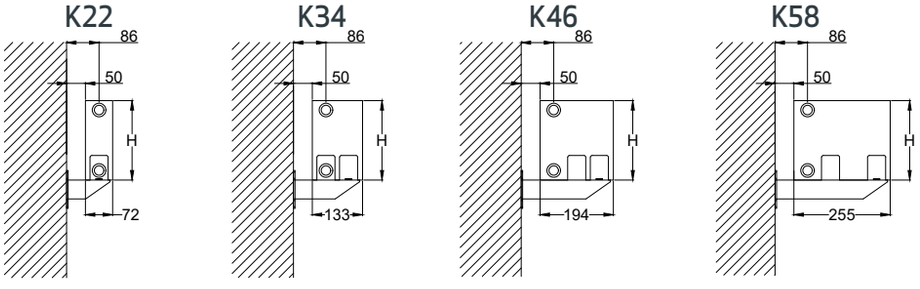
FLOOR MOUNTED



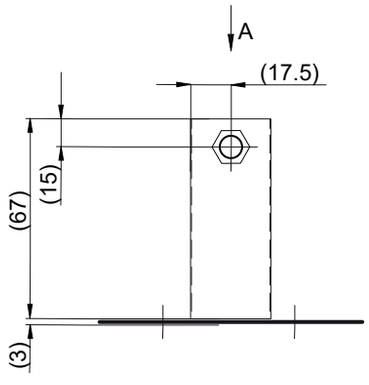


WALL MOUNTED

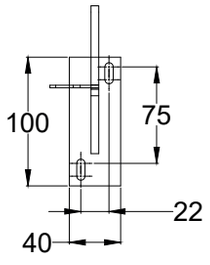




FLOOR STAND FOR FLOOR MOUNTED APPLICATIONS



WALL BASE PLATE FOR WALL MOUNTED APPLICATIONS



Mounting Details

Floor mounting options

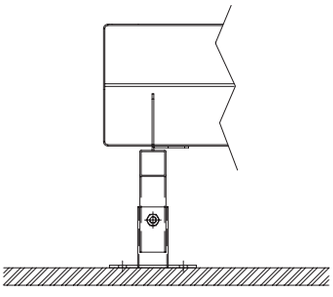
All floor mounting options are manufactured to match the same paint finish as your specified Radiavector (standard RAL 9016, other RAL colours available on request).

Merriott offers two types of floor-mounting options:

BOX SECTION FEET:

- Standard box section feet are adjustable between 100mm-140mm
- Other heights are available on request, maximum box section foot height is 450mm

Part Numbers:
K22: SUPP-F056
K34,46,58: SUPP-F057

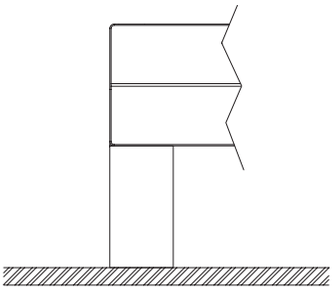


BOX FEET:

- Standard height is 140mm, other heights are available on request

The box foot is designed to conceal pipework. This foot must be specified at the time of order and cannot be retrofitted. It can also be ordered with a cutout to allow for TRV access.

Available upon request.

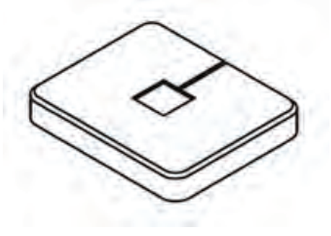


BASE PLATE COVER:

- Plastic base plate covers in white (RAL 9016) are provided as standard

Part Number:
AZ1-RADVCOV-R9016

- Other colours available upon request are: Black (RAL 9005) and Grey (RAL 7024 & RAL 9006)

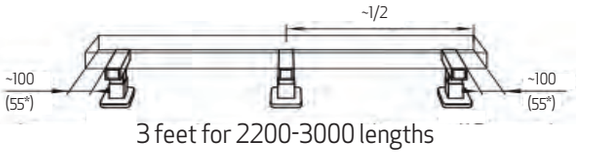


Mounting Details

Mounting configuration

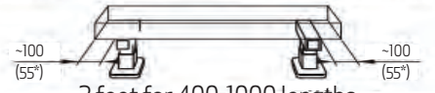
FLOOR MOUNTING CONFIGURATION
K22, K34 & K46

2 feet for 400-2000 lengths

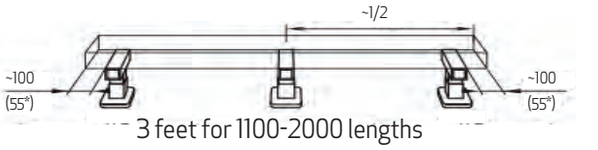


3 feet for 2200-3000 lengths

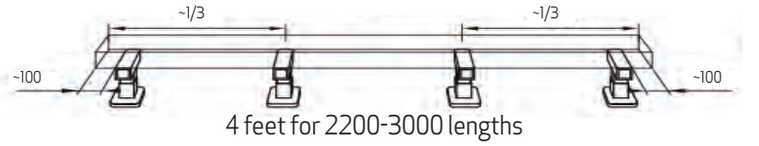
K58



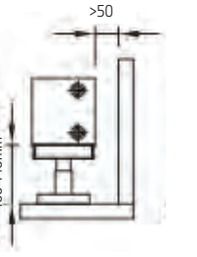
2 feet for 400-1000 lengths



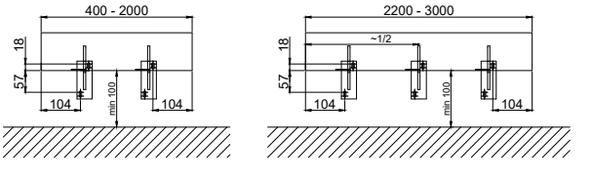
3 feet for 1100-2000 lengths



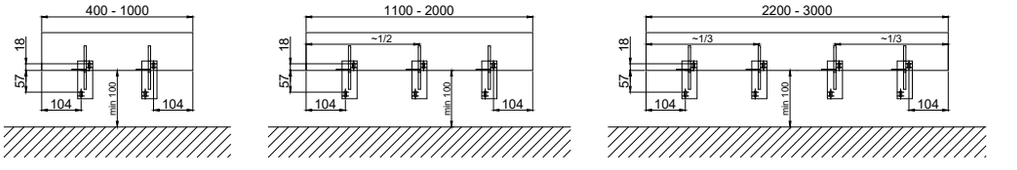
4 feet for 2200-3000 lengths



WALL MOUNTING CONFIGURATION
K22, K34 & K46

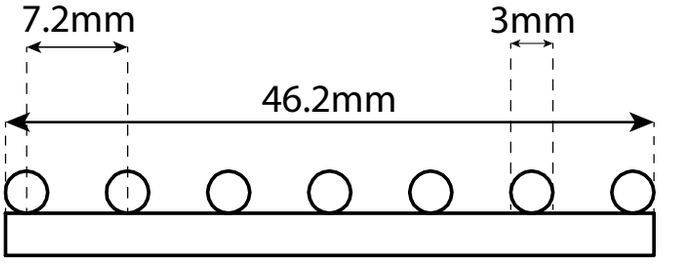


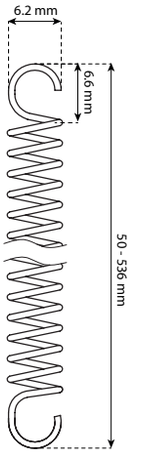
K58



GRILLES AND SECURITY CLIPS

Linear grilles are provided as standard and can be removed if necessary.
Spring is used to secure the grille in place. Spring is linked over one of the grille bars and connected to the bottom convector fin (on the underside of the radiator).
Spring heights vary depending on Radiavector height.





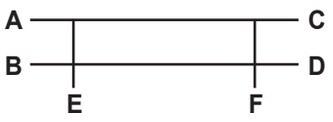
Connection Details

Connection Options

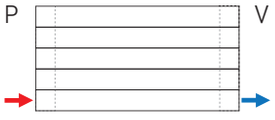
CONNECTION VARIATIONS

- A, B, C, D, E, and F are connection positions
- Standard Horizontal radiator configurations are BDAC
- Other connection configurations are available on request

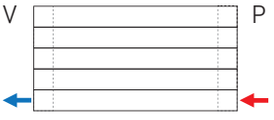
CONNECTION LADDER



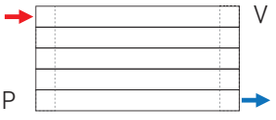
BDAC



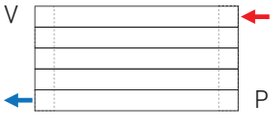
DBCA



ADBC



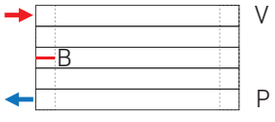
CBDA



EFAC

FECA

ABDC



CDBA

CONNECTION CENTRE DETAILS

Rad Type	Connection Arrangement	Stub to Stub Dim.	Distance from Wall (Connection)	Distance from Wall	
				Radiator Width	Front Face To Wall
K22	"A, B, C, D"	L	86	72	122
K22	"E, F"	L-34mm	86	72	122
K34	"A, B, C, D"	L	86	133	183
K34	"E, F"	L-34mm	86	133	183
K46	"A, B, C, D"	L	86	194	244
K46	"E, F"	L-34mm	86	194	244
K58	"A, B, C, D"	L	86	255	305
K58	"E, F"	L-34mm	86	255	305

L = overall length of the Radiavector
All values in mm

For ABCD connections all connections are the same distance from the top or the bottom of the Radiavector. The dimension from the top/bottom edge of the Radiavector to the centre of the connection is 25mm. Both connections are the same distance from the wall.

Correction Factors

How to calculate a corrected output

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

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

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

EXAMPLE:

Radiator selected =
K46, 210mm (Height) x 1000mm (Length)
Delta T of System (ΔT) =
39 ° C
Exponent ('n') =
1.29
Output @ Delta T50 =
1645 (w)

Corrected Output =
1645 (w) x 0.7242 (Correction Factor) = 1,191 (w) at ΔT39

Height (mm)	210	
Depth (mm) (excl. brackets)	194	
'n'	1.29	
Length (mm)	Output (Watts)	
	ΔT50	ΔT30
900	1481	763
1000	1645	848
1100	1810	932
1200	1974	1017

Product example: K46, 210mm high extracted from page 08.

RESISTANCE

The design and construction of Radiavector radiators results in a very low pressure drop that can be ignored when considering system design. The correct sizing of pipework to the radiator and the pressure drop of valves fitted to it should however be taken into consideration.

Correction Factors

K22 & K34 models

K22

Height	70mm	140mm	210mm	280mm
ΔT(°C)	Based at ΔT50			
60	1.2661	**1.2667**	1.2671	1.2676
59	1.2389	**1.2394**	1.2398	1.2402
58	1.2118	**1.2122**	1.2126	1.2130
57	1.1848	**1.1852**	1.1855	1.1858
56	1.1580	**1.1583**	1.1585	1.1588
55	1.1313	**1.1315**	1.1318	1.1320
54	1.1047	**1.1049**	1.1051	1.1053
53	1.0783	**1.0785**	1.0786	1.0787
52	1.0521	**1.0522**	1.0523	1.0523
51	1.0260	**1.0260**	1.0260	1.0261
50	1	**1**	1	1
49	0.9742	**0.9741**	0.9741	0.9741
48	0.9485	**0.9485**	0.9484	0.9483
47	0.9230	**0.9229**	0.9228	0.9227
46	0.8977	**0.8975**	0.8974	0.8972
45	0.8725	**0.8723**	0.8721	0.8719
44	0.8475	**0.8473**	0.8470	0.8468
43	0.8227	**0.8224**	0.8221	0.8219
42	0.7980	**0.7977**	0.7974	0.7971
41	0.7735	**0.7731**	0.7728	0.7725
40	0.7492	**0.7488**	0.7484	0.7481
39	0.7250	**0.7246**	0.7242	0.7238
38	0.7010	**0.7006**	0.7002	0.6998
37	0.6772	**0.6768**	0.6764	0.6759
36	0.6537	**0.6532**	0.6527	0.6523
35	0.6302	**0.6298**	0.6293	0.6288
34	0.6070	**0.6065**	0.6060	0.6055
33	0.5840	**0.5835**	0.5830	0.5825
32	0.5612	**0.5607**	0.5602	0.5596
31	0.5386	**0.5381**	0.5375	0.5370
30	0.5163	**0.5157**	0.5151	0.5145
29	0.4941	**0.4935**	0.4929	0.4923
28	0.4721	**0.4715**	0.4710	0.4704
27	0.4504	**0.4498**	0.4492	0.4486
26	0.4290	**0.4283**	0.4278	0.4271
25	0.4077	**0.4071**	0.4065	0.4059
24	0.3868	**0.3861**	0.3855	0.3849
23	0.3660	**0.3654**	0.3648	0.3642
22	0.3456	**0.3449**	0.3443	0.3437
21	0.3254	**0.3247**	0.3242	0.3235
20	0.3055	**0.3048**	0.3043	0.3036
19	0.2858	**0.2852**	0.2846	0.2840
18	0.2665	**0.2659**	0.2653	0.2648
17	0.2475	**0.2469**	0.2464	0.2458
16	0.2288	**0.2283**	0.2277	0.2271
15	0.2105	**0.2099**	0.2094	0.2089

K34

Height	70mm	140mm	210mm	280mm
ΔT(°C)	Based at ΔT50			
60	1.2661	**1.2667**	1.2671	1.2676
59	1.2389	**1.2394**	1.2398	1.2402
58	1.2118	**1.2122**	1.2126	1.2130
57	1.1848	**1.1852**	1.1855	1.1858
56	1.1580	**1.1583**	1.1585	1.1588
55	1.1313	**1.1315**	1.1318	1.1320
54	1.1047	**1.1049**	1.1051	1.1053
53	1.0783	**1.0785**	1.0786	1.0787
52	1.0521	**1.0522**	1.0523	1.0523
51	1.0260	**1.0260**	1.0260	1.0261
50	1	**1**	1	1
49	0.9742	**0.9741**	0.9741	0.9741
48	0.9485	**0.9485**	0.9484	0.9483
47	0.9230	**0.9229**	0.9228	0.9227
46	0.8977	**0.8975**	0.8974	0.8972
45	0.8725	**0.8723**	0.8721	0.8719
44	0.8475	**0.8473**	0.8470	0.8468
43	0.8227	**0.8224**	0.8221	0.8219
42	0.7980	**0.7977**	0.7974	0.7971
41	0.7735	**0.7731**	0.7728	0.7725
40	0.7492	**0.7488**	0.7484	0.7481
39	0.7250	**0.7246**	0.7242	0.7238
38	0.7010	**0.7006**	0.7002	0.6998
37	0.6772	**0.6768**	0.6764	0.6759
36	0.6537	**0.6532**	0.6527	0.6523
35	0.6302	**0.6298**	0.6293	0.6288
34	0.6070	**0.6065**	0.6060	0.6055
33	0.5840	**0.5835**	0.5830	0.5825
32	0.5612	**0.5607**	0.5602	0.5596
31	0.5386	**0.5381**	0.5375	0.5370
30	0.5163	**0.5157**	0.5151	0.5145
29	0.4941	**0.4935**	0.4929	0.4923
28	0.4721	**0.4715**	0.4710	0.4704
27	0.4504	**0.4498**	0.4492	0.4486
26	0.4290	**0.4283**	0.4278	0.4271
25	0.4077	**0.4071**	0.4065	0.4059
24	0.3868	**0.3861**	0.3855	0.3849
23	0.3660	**0.3654**	0.3648	0.3642
22	0.3456	**0.3449**	0.3443	0.3437
21	0.3254	**0.3247**	0.3242	0.3235
20	0.3055	**0.3048**	0.3043	0.3036
19	0.2858	**0.2852**	0.2846	0.2840
18	0.2665	**0.2659**	0.2653	0.2648
17	0.2475	**0.2469**	0.2464	0.2458
16	0.2288	**0.2283**	0.2277	0.2271
15	0.2105	**0.2099**	0.2094	0.2089

Correction Factors

K46 & K58 models

K46

Height	70mm	140mm	210mm	280mm
ΔT(°C)	Based at ΔT50			
60	1.2661	**1.2667**	1.2671	1.2676
59	1.2389	**1.2394**	1.2398	1.2402
58	1.2118	**1.2122**	1.2126	1.2130
57	1.1848	**1.1852**	1.1855	1.1858
56	1.1580	**1.1583**	1.1585	1.1588
55	1.1313	**1.1315**	1.1318	1.1320
54	1.1047	**1.1049**	1.1051	1.1053
53	1.0783	**1.0785**	1.0786	1.0787
52	1.0521	**1.0522**	1.0523	1.0523
51	1.0260	**1.0260**	1.0260	1.0261
50	1	**1**	1	1
49	0.9742	**0.9741**	0.9741	0.9741
48	0.9485	**0.9485**	0.9484	0.9483
47	0.9230	**0.9229**	0.9228	0.9227
46	0.8977	**0.8975**	0.8974	0.8972
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44	0.8475	**0.8473**	0.8470	0.8468
43	0.8227	**0.8224**	0.8221	0.8219
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41	0.7735	**0.7731**	0.7728	0.7725
40	0.7492	**0.7488**	0.7484	0.7481
39	0.7250	**0.7246**	0.7242	0.7238
38	0.7010	**0.7006**	0.7002	0.6998
37	0.6772	**0.6768**	0.6764	0.6759
36	0.6537	**0.6532**	0.6527	0.6523
35	0.6302	**0.6298**	0.6293	0.6288
34	0.6070	**0.6065**	0.6060	0.6055
33	0.5840	**0.5835**	0.5830	0.5825
32	0.5612	**0.5607**	0.5602	0.5596
31	0.5386	**0.5381**	0.5375	0.5370
30	0.5163	**0.5157**	0.5151	0.5145
29	0.4941	**0.4935**	0.4929	0.4923
28	0.4721	**0.4715**	0.4710	0.4704
27	0.4504	**0.4498**	0.4492	0.4486
26	0.4290	**0.4283**	0.4278	0.4271
25	0.4077	**0.4071**	0.4065	0.4059
24	0.3868	**0.3861**	0.3855	0.3849
23	0.3660	**0.3654**	0.3648	0.3642
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20	0.3055	**0.3048**	0.3043	0.3036
19	0.2858	**0.2852**	0.2846	0.2840
18	0.2665	**0.2659**	0.2653	0.2648
17	0.2475	**0.2469**	0.2464	0.2458
16	0.2288	**0.2283**	0.2277	0.2271
15	0.2105	**0.2099**	0.2094	0.2089

K58

Height	70mm	140mm	210mm	280mm
ΔT(°C)	Based at ΔT50			
60	1.2661	**1.2667**	1.2671	1.2676
59	1.2389	**1.2394**	1.2398	1.2402
58	1.2118	**1.2122**	1.2126	1.2130
57	1.1848	**1.1852**	1.1855	1.1858
56	1.1580	**1.1583**	1.1585	1.1588
55	1.1313	**1.1315**	1.1318	1.1320
54	1.1047	**1.1049**	1.1051	1.1053
53	1.0783	**1.0785**	1.0786	1.0787
52	1.0521	**1.0522**	1.0523	1.0523
51	1.0260	**1.0260**	1.0260	1.0261
50	1	**1**	1	1
49	0.9742	**0.9741**	0.9741	0.9741
48	0.9485	**0.9485**	0.9484	0.9483
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43	0.8227	**0.8224**	0.8221	0.8219
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36	0.6537	**0.6532**	0.6527	0.6523
35	0.6302	**0.6298**	0.6293	0.6288
34	0.6070	**0.6065**	0.6060	0.6055
33	0.5840	**0.5835**	0.5830	0.5825
32	0.5612	**0.5607**	0.5602	0.5596
31	0.5386	**0.5381**	0.5375	0.5370
30	0.5163	**0.5157**	0.5151	0.5145
29	0.4941	**0.4935**	0.4929	0.4923
28	0.4721	**0.4715**	0.4710	0.4704
27	0.4504	**0.4498**	0.4492	0.4486
26	0.4290	**0.4283**	0.4278	0.4271
25	0.4077	**0.4071**	0.4065	0.4059
24	0.3868	**0.3861**	0.3855	0.3849
23	0.3660	**0.3654**	0.3648	0.3642
22	0.3456	**0.3449**	0.3443	0.3437
21	0.3254	**0.3247**	0.3242	0.3235
20	0.3055	**0.3048**	0.3043	0.3036
19	0.2858	**0.2852**	0.2846	0.2840
18	0.2665	**0.2659**	0.2653	0.2648
17	0.2475	**0.2469**	0.2464	0.2458
16	0.2288	**0.2283**	0.2277	0.2271
15	0.2105	**0.2099**	0.2094	0.2089

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