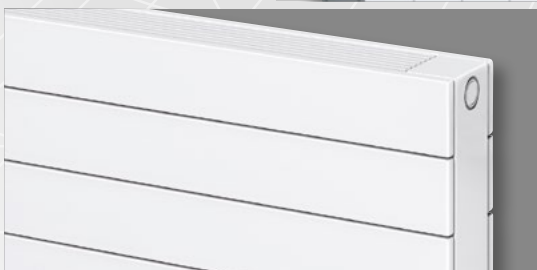




DÉCOR RADIATORS KH, KS & KK MODELS

TECHNICAL GUIDE JULY 17

EXTENDED RANGE



COMPLETE HEATING SOLUTIONS

Quick Order Guide & Checklist

DÉCOR Horizontal (Type KH)	DÉCOR Vertical (Type KS)	DÉCOR Plinth (Type KK)
1 Choose which type of radiator you prefer from range. PAGE 05	1 Choose which type of radiator you prefer from range. PAGE 06	1 Choose which type of radiator you prefer from range. PAGE 07
2 Choose height /width according to output requirements. PAGE 10-13	2 Choose height /width according to output requirements. PAGE 14-17	2 Choose height /width according to output requirements. PAGE 18-25
3 Choose connection option. PAGE 26	3 Choose connection option. PAGE 27	3 Choose connection option. PAGE 28
4 Choose fixing system. FLOOR PAGE 29 WALL PAGE 30-31	4 Choose fixing system. WALL PAGE 32-33	4 Choose fixing system. FLOOR PAGE 34-35 WALL PAGE 36-37
5 Choose colour (if required). PAGE 09	5 Choose colour (if required). PAGE 09	5 Choose colour (if required). PAGE 09

For further information please call Customer Services on **0845 402 3434** or visit www.myson.co.uk

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In accordance with our policy of continual product improvement we reserve the right to amend the specification of these products or discontinue products without prior notification. We have compiled the content of this literature to the best of our knowledge. Any typographical, clerical or other error or omission in any literature issued by us will be subject to correction without liability being incurred by us. All rights reserved. No part of this document may be reproduced by any means without prior written consent.

Please note: due to print restrictions exact colour match is not always possible, however every effort has been made to ensure as much accuracy as possible.

General Specifications



Approval and Certification

All MYSON DÉCOR radiators are manufactured and tested to EN 442.



All MYSON DÉCOR radiators carry a ten year guarantee from date of installation against defects caused by faulty materials or manufacture.



Maximum Working Pressure

Standard design: 5 bar



Maximum Working Pressure

High-pressure design: 8 bar (special order)



Maximum Operating Temperature

110°

DÉCOR radiators come in 4 types:

- Horizontal KH
- Vertical KS
- Plinth KK

Each of the types come with or without convectors as well as side panels and top grilles (horizontal and plinth only).

Each type is made up of the following tube dimensions:

Horizontal, Vertical, Plinth = 70 x 11 x 1.5mm
(High pressure 2.0mm thick steel is available on all types with a premium price)

Stocked Range

A stock range is available, please see page 08 for details. All other products listed in this brochure are manufactured to order. Please call 0845 402 3434 for further details.

Paint Finish

Undercoat - electrophoretic, using water-soluble paints, conforming to DIN 55900 part 1, stoved at 165°C.

Finish - electrostatic powder coating, conforming to DIN 55900 part 2, in a state-of-the-art facility. (On request, and at a supplementary charge, a range of RAL and special colours are available, see page 09). This particularly robust coating is stoved at an object temperature of 180°C.

Packaging

- Cardboard packaging
- Edge protection
- Shrink wrapped

Heat Output

The heat outputs for all MYSON DÉCOR radiators can be found on pages 10 - 25. The tabulated figures are quoted in accordance with EN442 for a mean water to air temperature of 50°C. When the difference is not 50°C, the output should be multiplied by the appropriate factor from the table on page 38.

Lead Time

Stock = 3 days Special = 6-8 weeks

Application

MYSON DÉCOR radiators are for use on two pipe, pumped, indirect, domestic and commercial central heating installations, with a maximum operating temperature of 110°C for DÉCOR. The system should be designed in accordance with BS EN 12828:2003 or BS EN 12831:2003 as appropriate, with particular care taken to avoid air entry or water discharge. We do not recommend the use of single feed indirect cylinders, as the possibility of aeration due to water interchange may lead to corrosion.

The installation work must be carried out in accordance with recognised good practice, and precautions taken to avoid contamination which could lead to corrosion. A corrosion inhibitor or other water treatment should be used and the Manufacturer's Instructions must be strictly followed.

The recommendations of BS 7593, Code of Practice for treatment of water in domestic central heating systems, should be observed.

All systems must be designed with suitable pipe sizing (15mm or 22mm minimum depending on the length of run) and with a pump or adequate pump head. Failure to do this may lead to trapped air and cold spots because insufficient pressure and water flow will not drive the air from the radiator. The taller and more tubes a radiator has, the more likely this is to happen.

Safety Precautions

Radiators are hot when in use, and as such, present a risk of burns to users on prolonged contact. The temperature of a radiator is dependent on the temperature of the system water, as set by the system installer or user. Installers and users should ensure that those who may come into close proximity to hot radiators are aware of the risk of burns. Installers and users should take all necessary steps to minimise the risks of burns. If the risk is significant, consideration should be given to installing low surface temperature radiators, or to placing guards in front of the radiators.

Fixings

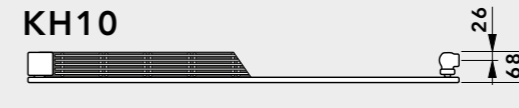
All MYSON DÉCOR radiators are supplied with the appropriate standard brackets.

For the correct installation of radiators it is essential that the fixing of the radiator is carried out in such a way that it is suitable for intended use AND predictable misuse. A number of elements need to be taken into consideration including the fixing method used to secure the radiator to the wall, the type and condition of the wall itself, and any additional potential forces or weights, prior to finalising installation. **IN ALL CASES IT IS STRONGLY RECOMMENDED THAT A SUITABLY QUALIFIED PROFESSIONAL INSTALLER OR SIMILAR TRADESPERSON CARRIES OUT THE INSTALLATION.**

PLEASE NOTE: The fixing materials provided are only intended for installation on walls made of solid wood, bricks, concrete or on timber-frame stud walls where the fixing is into the timber. All walls being considered should have no more than a maximum of 3mm wall finishing. For walls made of other materials, for example hollow bricks, please consult your installer and/or specialist supplier. **ONCE AGAIN, IF YOU ARE UNSURE, IT IS STRONGLY RECOMMENDED THAT A SUITABLY QUALIFIED PROFESSIONAL INSTALLER OR SIMILAR TRADESPERSON CARRIES OUT THE INSTALLATION.**

KH Horizontal

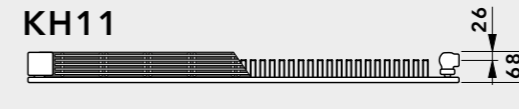
KH10



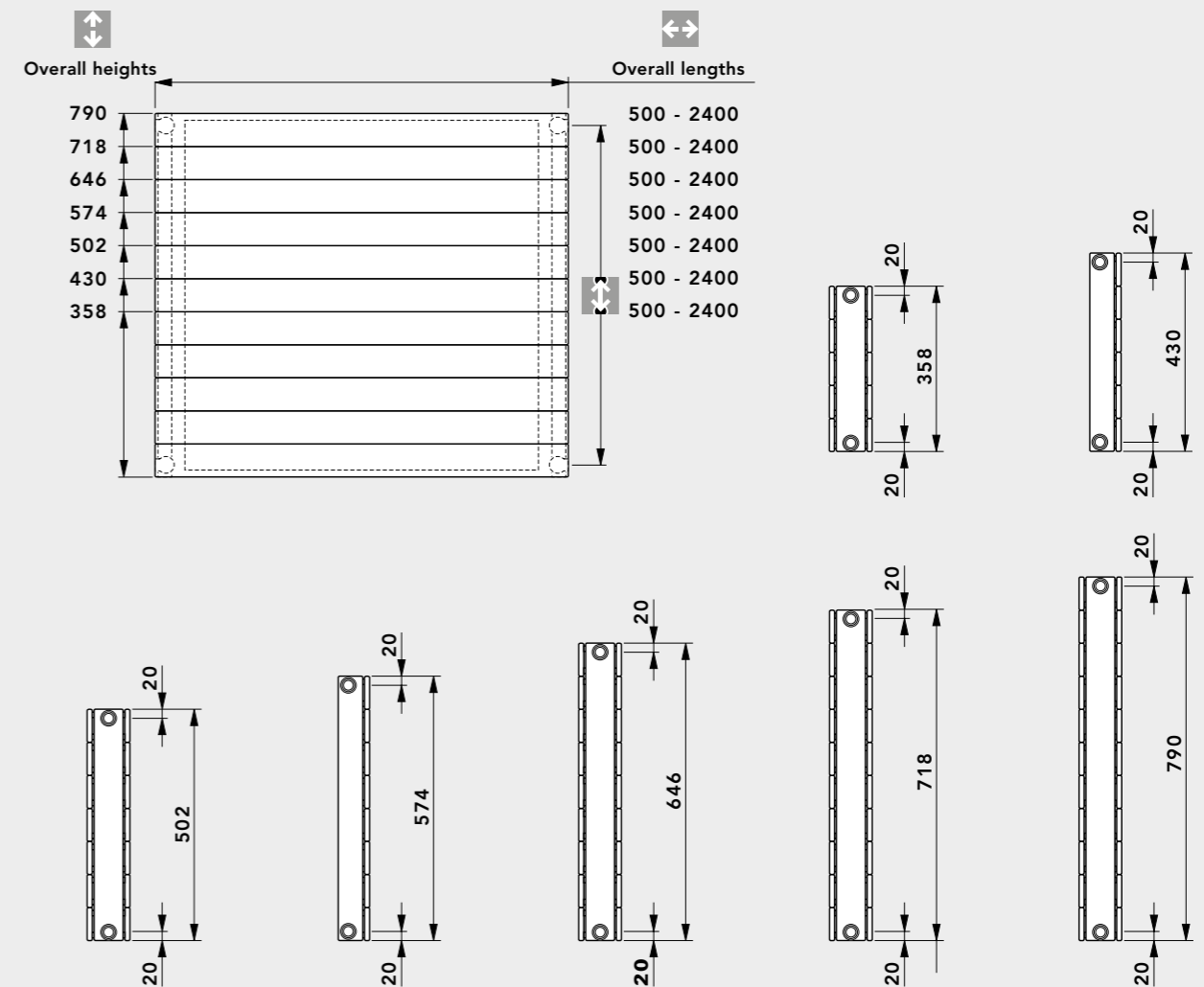
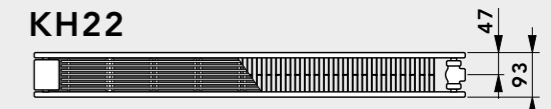
KH20



KH11



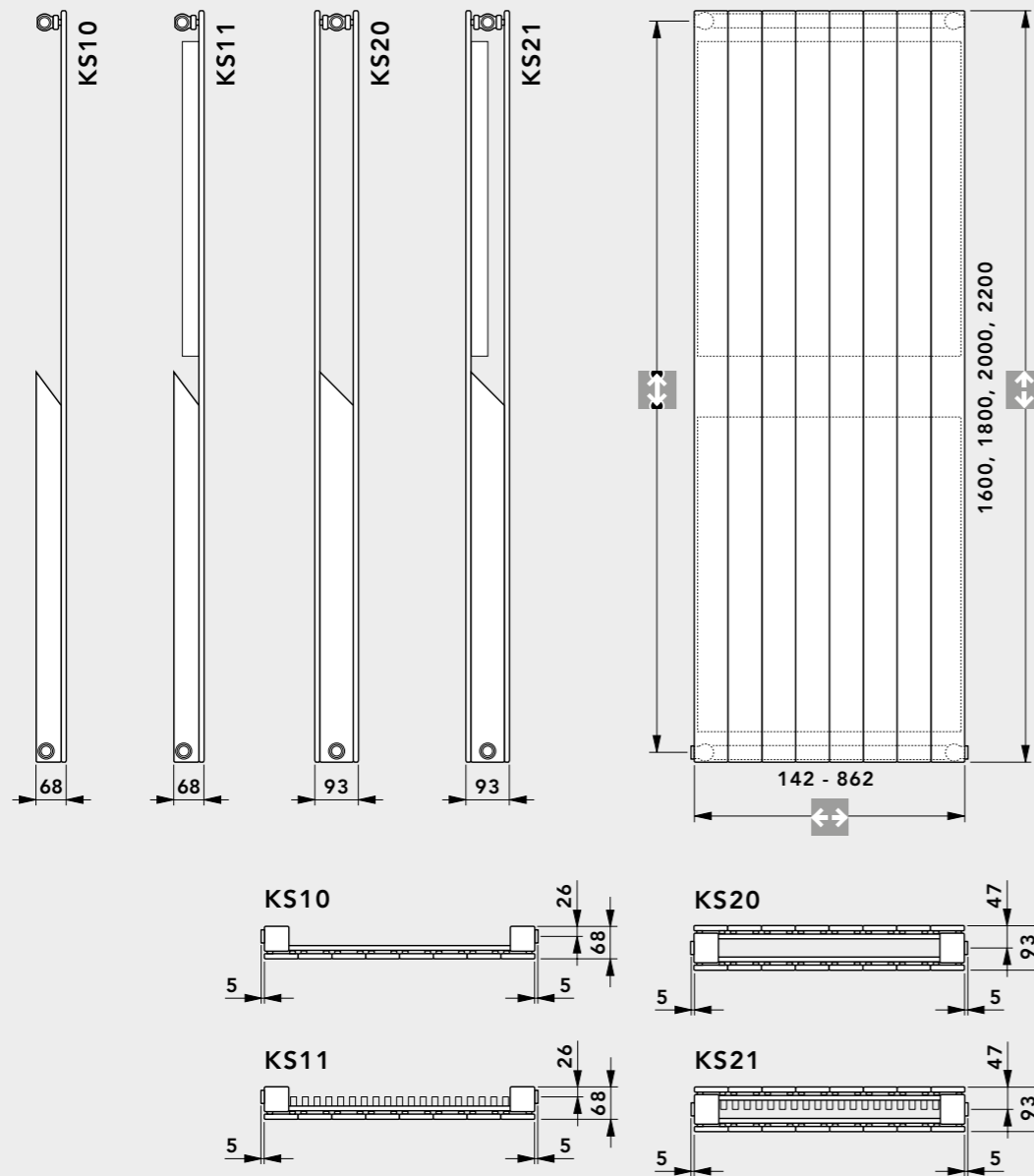
KH22



Overall height [mm]	358	430	502	574	646	718	790
Connection spacing NA [mm]	318	390	462	534	606	678	750

Model	KH10				KH11				KH20				KH22			
Overall height [mm]	358	430	502		358	430	502		358	430	502		358	430	502	
	574	646	718	790	574	646	718	790	574	646	718	790	574	646	718	790
Overall length [mm]	500 - 4000 mm (for special overall lengths see output charts)															
Increments	100 mm (for an overall length of 1400 mm and greater: 200 mm)															

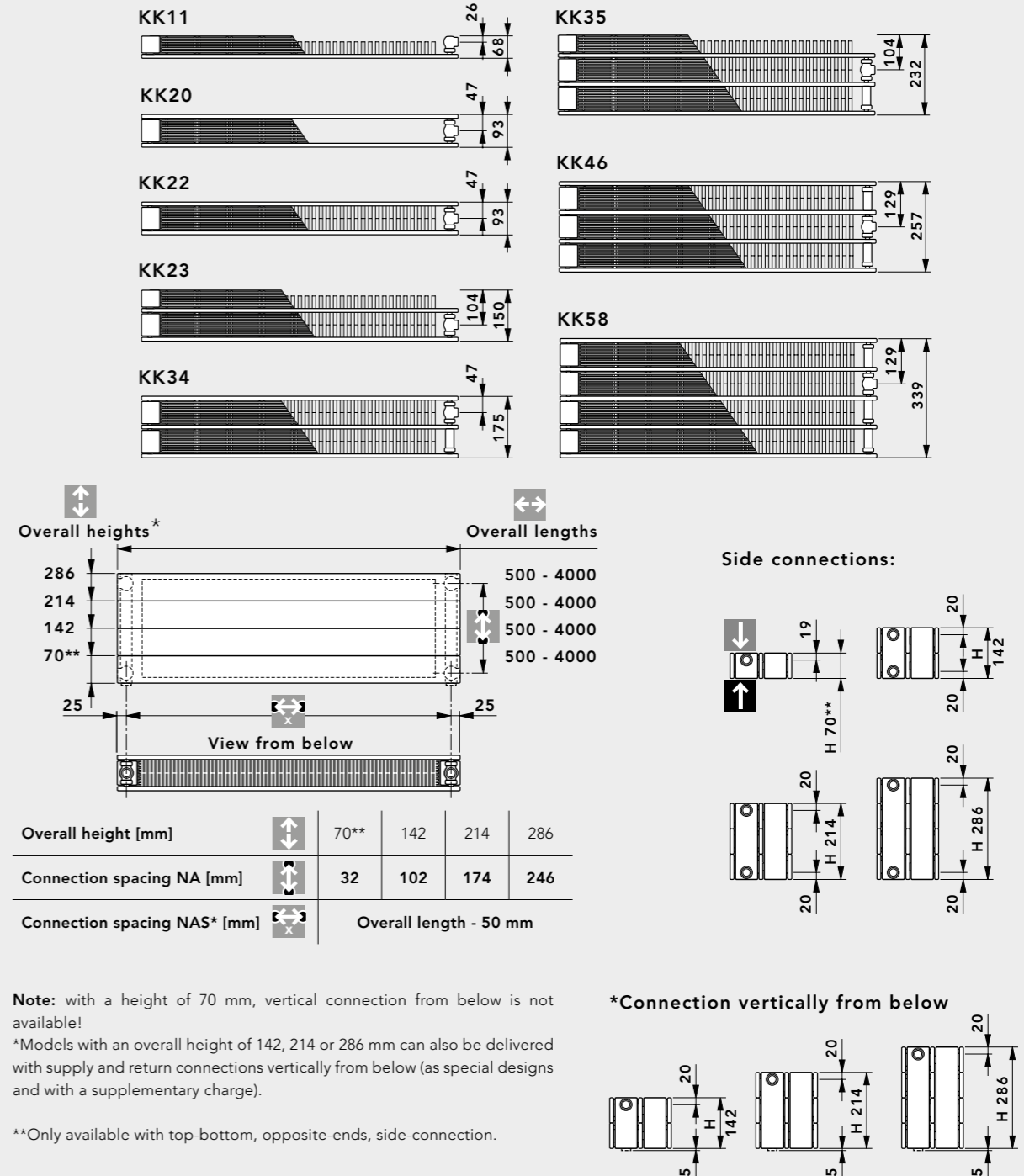
KS Vertical



Overall height [mm]	1600	1800	2000	2200
Connection spacing NA [mm]	1550	1750	1950	2150

Model	KS10		KS11		KS20		KS21	
Overall height [mm]	1600	1800	1600	1800	1600	1800	1600	1800
Overall length [mm]	2000	2200	2000	2200	2000	2200	2000	2200
Increments	142 - 862 mm							
Increments	72 mm							

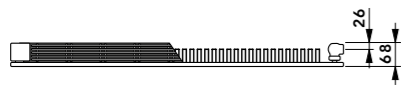
KK Plinth



Note: with a height of 70 mm, vertical connection from below is not available!
 *Models with an overall height of 142, 214 or 286 mm can also be delivered with supply and return connections vertically from below (as special designs and with a supplementary charge).
 **Only available with top-bottom, opposite-ends, side-connection.

Model	KK11	KK20	KK22	KK23	KK34	KK35	KK46	KK58
Overall height [mm]	-	-	142	70	142	70	142	142
Overall length [mm]	214	286	214	286	214	286	214	286
Increments	500 - 4000 mm (for special overall lengths see output charts), model 58 up to 2200 mm							
Increments	100 mm (for an overall length of 1400 mm and greater: 200 mm)							

KH11 Horizontal

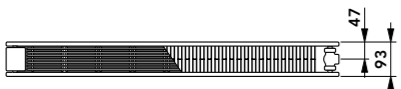


Height 430mm
6 Tube

Height 574mm
8 Tube

Length [mm]	Heat Outputs @ Dt50°C		Heat Outputs @ Dt30°C		Order Code
	Watts	Btu/h	Watts	Btu/h	
600	456	1556	235	802	KH11 0430 0600
800	608	2074	313	1068	KH11 0430 0800
1000	760	2593	391	1334	KH11 0430 1000
1200	912	3112	469	1600	KH11 0430 1200
1400	1064	3630	547	1866	KH11 0430 1400
1800	1368	4668	704	2402	KH11 0430 1800
600	553	1887	282	962	KH11 0574 0600
800	737	2515	376	1283	KH11 0574 0800
1000	921	3142	470	1604	KH11 0574 1000
1200	1105	3770	564	1924	KH11 0574 1200
1400	1289	4398	658	2245	KH11 0574 1400
1800	1658	5657	846	2887	KH11 0574 1800
2000	1842	6285	940	3207	KH11 0574 2000

KH22 Horizontal



Height 430mm
6 Tube

Height 574mm
8 Tube

Length [mm]	Heat Outputs @ Dt50°C		Heat Outputs @ Dt30°C		Order Code
	Watts	Btu/h	Watts	Btu/h	
600	806	2750	405	1382	KH22 0430 0600
800	1074	3664	540	1842	KH22 0430 0800
1000	1343	4582	675	2303	KH22 0430 1000
1200	1612	5500	810	2764	KH22 0430 1200
1400	1880	6415	945	3224	KH22 0430 1400
1800	2417	8247	1215	4146	KH22 0430 1800
600	955	3258	474	1617	KH22 0574 0600
800	1274	4347	632	2156	KH22 0574 0800
1000	1592	5432	790	2695	KH22 0574 1000
1200	1910	6517	948	3235	KH22 0574 1200
1400	2229	7605	1106	3774	KH22 0574 1400
1800	2866	9779	1422	4852	KH22 0574 1800
2000	3184	10864	1580	5391	KH22 0574 2000

Colour Options

The standard colour for MYSON DÉCOR radiators is white RAL 9016. This finish will provide a long lasting, high quality appearance in your home. MYSON DÉCOR radiators are also available in RAL and sanitary colours and in our special textured, metallic or shimmer metallic finishes*, giving you the ability to personalise and complement your room design. Simply specify your preference when ordering.

STANDARD RAL COLOURS

MYSON offers the following RAL colours. If the colour you require is not included in this colour chart, please contact our customer services for availability. **Standard RAL colours are 70% gloss.**

	Traffic White RAL 9016		Jet Black RAL 9005		Blue Green RAL 6004
	Pure White RAL 9010		Black Grey RAL 7021		Chocolate Brown RAL 8017
	Cream RAL 9001		Dahlia Yellow RAL 1033		Grey Brown RAL 8019
	Traffic Yellow RAL 1023		Pastel Orange RAL 2003		Light Grey RAL 7035
	Lemon Yellow RAL 1012		Pure Orange RAL 2004		Window Grey RAL 7040
	Golden Yellow RAL 1004		Flame Red RAL 3000		Silver Grey RAL 7001
	Curry Yellow RAL 1027		Wine Red RAL 3005		Dusty Grey RAL 7037
	Pastel Turquoise RAL 6034		Red Violet RAL 4002		Stone Grey RAL 7030
	Pigeon Blue RAL 5014		Purple Violet RAL 4007		Brown Grey RAL 7013
	Azure Blue RAL 5009		Signal Violet RAL 4008		Slate Grey RAL 7015
	Sky Blue RAL 5015		Pastel Violet RAL 4009		Anthracite Grey RAL 7016
	Traffic Blue RAL 5017		Light Pink RAL 3015		Graphite Grey RAL 7024
	Night Blue RAL 5022		Antique Pink RAL 3014		White Aluminium RAL 9006
	Ultramarine Blue RAL 5002		Pastel Green RAL 6019		Grey Aluminium RAL 9007
	Green Blue RAL 5001		Mint Turquoise RAL 6033		

SANITARY COLOURS

MYSON offers the following sanitary colours. If the colour you require is not included in this colour chart, please contact our customer services for availability. **Sanitary colours are 50% gloss.**

	Jasmine S0075		Bahama Beige S0087
	Pergamon S0091		Manhattan S0088
	Natural S0094		

SPECIAL COLOURS

MYSON also offers the following textured, metallic and shimmer metallic colours.

TEXTURED

	Black Textured S0141		White Textured S0142
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METALLIC

	Cream White S0145		Light Grey S0143
	Brown Grey S0144		Anodic Bronze S0146
	Anodic Natural S0149		Anodic Brown S0147
	Anodic Black S0148		

SHIMMER METALLIC

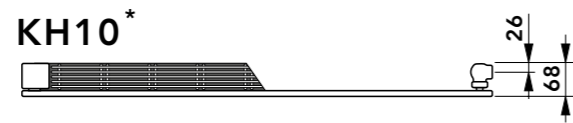
	Metal Alu S0201		Metal Black S0104
	Metal Grey S0102		

All our non-stocked and special colour items are made to order. Should an order be cancelled after it has been placed with the factory an administration fee of 30% of the product value may be applied.

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C and 30°C.

Please note: due to print restrictions exact colour match is not always possible, however every effort has been made to ensure as much accuracy as possible. *Price supplement and cancellation policy applies.

KH10*



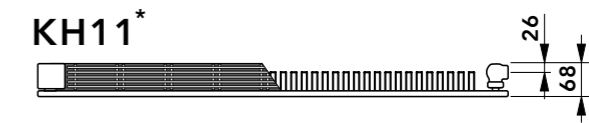
↔ Length [mm]	↕ No of Tubes - Height [mm]						
	5	6	7	8	9	10	11
	358	430	502	574	646	718	790
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	197	229	262	294	328	362	398
600	236	275	314	353	393	434	477
700	276	321	366	412	459	507	557
800	315	366	418	470	524	579	636
900	355	412	471	529	590	652	716
1000	394	458	523	588	655	724	795
1100	433	504	575	647	721	796	875
1200	473	550	628	706	786	869	954
1300	512	595	680	764	852	941	1034
1400	552	641	732	823	917	1014	1113
1600	630	733	837	941	1048	1158	1272
1800	709	824	941	1058	1179	1303	1431
2000	788	916	1046	1176	1310	1448	1590
2200	867	1008	1151	1294	1441	1593	1749
2400	946	1099	1255	1411	1572	1738	1908
2600	1024	1191	1360	1529	1703	1882	2067
2800	1103	1282	1464	1646	1834	2027	2226
3000	1182	1374	1569	1764	1965	2172	2385
3200	1261	1466	1674	1882	2096	2317	2544
3400	1340	1557	1778	1999	2227	2462	2703
3600	1418	1649	1883	2117	2358	2606	2862
3800	1497	1740	1987	2234	2489	2751	3021
4000	1576	1832	2092	2352	2620	2896	3180
Watts / m @ Dt30	209	243	276	311	344	380	416
Water Content l / m	2.76	3.33	3.87	4.44	4.99	5.55	6.12
Weight kg / m	11.91	14.04	16.17	18.29	20.43	22.56	24.68
Exponent (n)	1.24	1.24	1.25	1.25	1.26	1.26	1.27

* For aesthetic reasons these models should not be fitted in front of a window.

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

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KH11*



↔ Length [mm]	↕ No of Tubes - Height [mm]						
	5	6	7	8	9	10	11
	358	430	502	574	646	718	790
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	334	380	423	461	495	525	553
600	400	456	507	553	593	630	663
700	467	532	592	645	692	735	774
800	534	608	676	737	791	840	884
900	600	684	761	829	890	945	995
1000	667	760	845	921	989	1050	1105
1100	734	836	930	1013	1088	1155	1216
1200	800	912	1014	1105	1187	1260	1326
1300	867	988	1099	1197	1286	1365	1437
1400	934	1064	1183	1289	1385	1470	1547
1600	1067	1216	1352	1474	1582	1680	1768
1800	1201	1368	1521	1658	1780	1890	1989
2000	1334	1520	1690	1842	1978	2100	2210
2200	1467	1672	1859	2026	2176	2310	2431
2400	1601	1824	2028	2210	2374	2520	2652
2600	1734	1976	2197	2395	2571	2730	2873
2800	1868	2128	2366	2579	2769	2940	3094
3000	2001	2280	2535	2763	2967	3150	3315
3200	2134	2432	2704	2947	3165	3360	3536
3400	2268	2584	2873	3131	3363	3570	3757
3600	2401	2736	3042	3316	3560	3780	3978
3800	2535	2888	3211	3500	3758	3990	4199
4000	2668	3040	3380	3684	3956	4200	4420
Watts / m @ Dt30	344	391	433	470	503	532	558
Water Content l / m	2.78	3.33	3.87	4.44	4.99	5.55	6.12
Weight kg / m	16.71	19.85	22.99	26.15	29.29	31.42	33.55
Exponent (n)	1.30	1.30	1.31	1.32	1.32	1.33	1.34

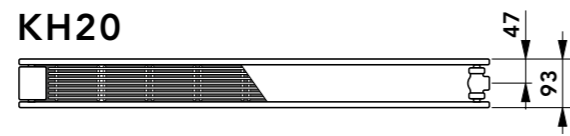
* For aesthetic reasons these models should not be fitted in front of a window.

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

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HEAT OUTPUTS

KH20

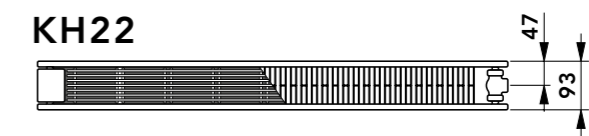


↔ Length [mm]	↕ No of Tubes - Height [mm]						
	5	6	7	8	9	10	11
	358	430	502	574	646	718	790
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	327	379	430	480	532	583	636
600	392	454	515	576	638	700	763
700	458	530	601	672	744	816	890
800	523	606	687	768	850	933	1017
900	589	681	773	864	957	1049	1144
1000	654	757	859	960	1063	1166	1271
1100	719	833	945	1056	1169	1283	1398
1200	785	908	1031	1152	1276	1399	1525
1300	850	984	1117	1248	1382	1516	1652
1400	916	1060	1203	1344	1488	1632	1779
1600	1046	1211	1374	1536	1701	1866	2034
1800	1177	1363	1546	1728	1913	2099	2288
2000	1308	1514	1718	1920	2126	2332	2542
2200	1439	1665	1890	2112	2339	2565	2796
2400	1570	1817	2062	2304	2551	2798	3050
2600	1700	1968	2233	2496	2764	3032	3305
2800	1831	2120	2405	2688	2976	3265	3559
3000	1962	2271	2577	2880	3189	3498	3813
3200	2093	2422	2749	3072	3402	3731	4067
3400	2224	2574	2921	3264	3614	3964	4321
3600	2354	2725	3092	3456	3827	4198	4576
3800	2485	2877	3264	3648	4039	4431	4830
4000	2616	3028	3436	3840	4252	4664	5084
Watts / m @ Dt30	344	398	449	502	553	607	661
Water Content l / m	5.55	6.66	7.77	8.88	9.99	11.11	12.22
Weight kg / m	21.29	25.30	29.31	33.31	37.32	41.32	45.33
Exponent (n)	1.26	1.26	1.27	1.27	1.28	1.28	1.28

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

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KH22



↔ Length [mm]	↕ No of Tubes - Height [mm]						
	5	6	7	8	9	10	11
	358	430	502	574	646	718	790
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	599	672	737	796	850	899	943
600	718	806	884	955	1019	1078	1132
700	838	940	1032	1114	1189	1258	1320
800	958	1074	1179	1274	1359	1438	1509
900	1077	1209	1327	1433	1529	1617	1697
1000	1197	1343	1474	1592	1699	1797	1886
1100	1317	1477	1621	1751	1869	1977	2075
1200	1436	1612	1769	1910	2039	2156	2263
1300	1556	1746	1916	2070	2209	2336	2452
1400	1676	1880	2064	2229	2379	2516	2640
1600	1915	2149	2358	2547	2718	2875	3018
1800	2155	2417	2653	2866	3058	3235	3395
2000	2394	2686	2948	3184	3398	3594	3772
2200	2633	2955	3243	3502	3738	3953	4149
2400	2873	3223	3538	3821	4078	4313	4526
2600	3112	3492	3832	4139	4417	4672	4904
2800	3352	3760	4127	4458	4757	5032	5281
3000	3591	4029	4422	4776	5097	5391	5658
3200	3830	4298	4717	5094	5437	5750	6035
3400	4070	4566	5012	5413	5777	6110	6412
3600	4309	4835	5306	5731	6116	6469	6790
3800	4549	5103	5601	6050	6456	6829	7167
4000	4788	5372	5896	6368	6796	7188	7544
Watts / m @ Dt30	605	675	736	790	838	881	919
Water Content l / m	5.55	6.66	7.77	8.88	9.99	11.11	12.22
Weight kg / m	30.89	36.93	42.96	49.01	55.05	59.05	63.06
Exponent (n)	1.34	1.35	1.36	1.37	1.38	1.40	1.41

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

DÉCOR RADIATORS KH, KS & KK MODELS TECHNICAL GUIDE 01.07.2017

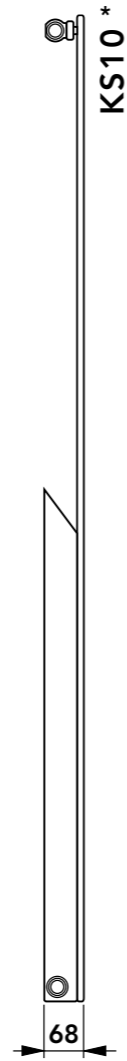
HEAT OUTPUTS

KS10*

↔ Length [mm]	No of Tubes	↕ Height [mm]			
		1600	1800	2000	2200
		Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
142	2	247	281	317	354
214	3	372	424	478	534
286	4	497	566	638	714
358	5	622	708	799	893
430	6	747	851	960	1073
502	7	872	993	1120	1252
574	8	998	1136	1281	1432
646	9	1123	1278	1442	1612
718	10	1248	1421	1603	1791
790	11	1373	1563	1763	1971
862	12	1498	1706	1924	2151

Watts / m @ Dt30	850	968	1097	1233
Water Content l / m	11.37	12.47	13.85	15.24
Weight kg / m	44.45	49.60	54.75	59.70
Exponent (n)	1.40	1.40	1.39	1.38

* For aesthetic reasons these models should not be fitted in front of a window.

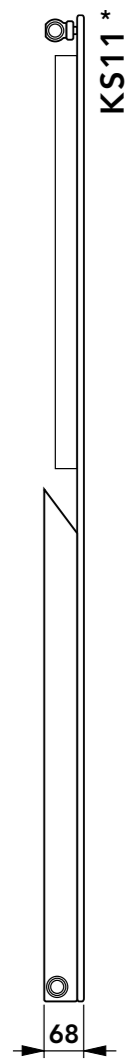


KS11*

↔ Length [mm]	No of Tubes	↕ Height [mm]			
		1600	1800	2000	2200
		Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
142	2	281	314	348	384
214	3	424	473	524	578
286	4	566	632	701	772
358	5	708	791	877	967
430	6	851	950	1054	1161
502	7	993	1109	1230	1356
574	8	1136	1268	1406	1550
646	9	1278	1427	1583	1745
718	10	1421	1586	1759	1939
790	11	1563	1745	1936	2134
862	12	1706	1904	2112	2328

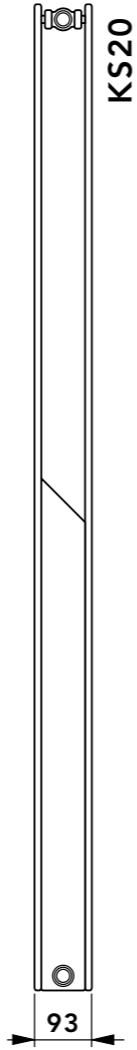
Watts / m @ Dt30	983	1097	1223	1362
Water Content l / m	11.37	12.47	13.85	15.24
Weight kg / m	63.39	68.53	73.69	78.83
Exponent (n)	1.37	1.37	1.36	1.34

* For aesthetic reasons these models should not be fitted in front of a window.



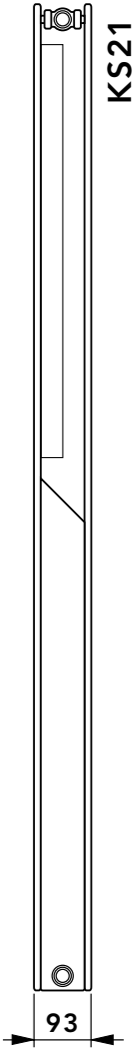
KS20

↔ Length [mm]	No of Tubes	↕ Height [mm]			
		1600	1800	2000	2200
		Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
142	2	416	469	521	575
214	3	627	706	786	866
286	4	839	944	1050	1157
358	5	1050	1182	1315	1448
430	6	1261	1419	1579	1740
502	7	1472	1657	1843	2031
574	8	1683	1895	2108	2322
646	9	1894	2132	2372	2614
718	10	2105	2370	2636	2905
790	11	2316	2608	2901	3196
862	12	2527	2845	3165	3488
Watts / m @ Dt30		1427	1615	1805	1999
Water Content l / m		22.74	24.34	27.71	30.48
Weight kg / m		85.44	95.46	105.48	115.50
Exponent (n)		1.41	1.40	1.39	1.38



KS21

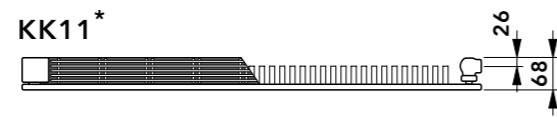
↔ Length [mm]	No of Tubes	↕ Height [mm]			
		1600	1800	2000	2200
		Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
142	2	452	509	570	633
214	3	681	768	859	953
286	4	911	1026	1147	1274
358	5	1140	1285	1436	1595
430	6	1369	1543	1725	1916
502	7	1598	1801	2014	2236
574	8	1828	2060	2303	2557
646	9	2057	2318	2592	2878
718	10	2286	2576	2881	3199
790	11	2515	2835	3169	3519
862	12	2745	3093	3458	3840
Watts / m @ Dt30		1557	1755	1983	2224
Water Content l / m		22.74	24.34	27.71	30.48
Weight kg / m		104.37	114.39	124.42	134.44
Exponent (n)		1.40	1.40	1.38	1.36



N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

KK11*

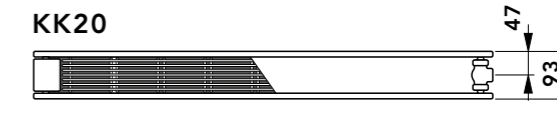


↔ Length [mm]	↕ No of Tubes - Height [mm]			
	1	2	3	4
	70	142	214	286
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500			232	289
600			278	346
700			325	404
800			371	462
900			418	519
1000			464	577
1100			510	635
1200			557	692
1300			603	750
1400			650	808
1600			742	923
1800			835	1039
2000			928	1154
2200			1021	1269
2400			1114	1385
2600			1206	1500
2800			1299	1616
3000			1392	1731
3200			1485	1846
3400			1578	1962
3600			1670	2077
3800			1763	2193
4000			1856	2308
Watts / m @ Dt30			236	291
Water Content l / m			1.67	2.22
Weight kg / m			11.14	14.51
Exponent (n)			1.32	1.34

* For aesthetic reasons these models should not be fitted in front of a window.

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

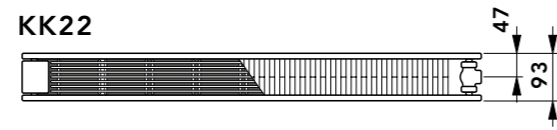
KK20



↔ Length [mm]	↕ No of Tubes - Height [mm]			
	1	2	3	4
	70	142	214	286
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500		152	220	281
600		182	264	337
700		213	308	393
800		243	352	449
900		274	396	505
1000		304	440	561
1100		334	484	617
1200		365	528	673
1300		395	572	729
1400		426	616	785
1600		486	704	898
1800		547	792	1010
2000		608	880	1122
2200		669	968	1234
2400		730	1056	1346
2600		790	1144	1459
2800		851	1232	1571
3000		912	1320	1683
3200		973	1408	1795
3400		1034	1496	1907
3600		1094	1584	2020
3800		1155	1672	2132
4000		1216	1760	2244
Watts / m @ Dt30		161	232	296
Water Content l / m		2.18	3.34	4.44
Weight kg / m		9.26	13.27	17.28
Exponent (n)		1.24	1.25	1.25

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

KK22

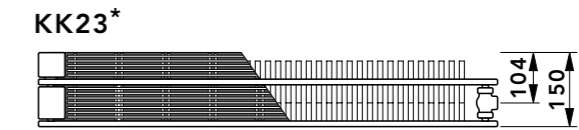


↔ Length [mm]	↕ No of Tubes - Height [mm]			
	1	2	3	4
	70	142	214	286
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	212	321	419	516
600	254	385	503	619
700	297	449	587	722
800	339	513	670	826
900	382	577	754	929
1000	424	641	838	1032
1100	466	705	922	1135
1200	509	769	1006	1238
1300	551	833	1089	1342
1400	594	897	1173	1445
1600	678	1026	1341	1651
1800	763	1154	1508	1858
2000	848	1282	1676	2064
2200	933	1410	1844	2270
2400	1018	1538	2011	2477
2600	1102	1667	2179	2683
2800	1187	1795	2346	2890
3000	1272	1923	2514	3096
3200	1357	2051	2682	3302
3400	1442	2179	2849	3509
3600	1526	2308	3017	3715
3800	1611	2436	3184	3922
4000	1696	2564	3352	4128
Watts / m @ Dt30	222	330	423	510
Water Content l / m	1.10	2.18	3.34	4.44
Weight kg / m	7.34	13.97	20.59	27.23
Exponent (n)	1.27	1.30	1.34	1.38

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

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KK23*



↔ Length [mm]	↕ No of Tubes - Height [mm]			
	1	2	3	4
	70	142	214	286
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	262	399	518	631
600	314	478	621	757
700	367	558	725	883
800	419	638	828	1009
900	472	717	932	1135
1000	524	797	1035	1261
1100	576	877	1139	1387
1200	629	956	1242	1513
1300	681	1036	1346	1639
1400	734	1116	1449	1765
1600	838	1275	1656	2018
1800	943	1435	1863	2270
2000	1048	1594	2070	2522
2200	1153	1753	2277	2774
2400	1258	1913	2484	3026
2600	1362	2072	2691	3279
2800	1467	2232	2898	3531
3000	1572	2391	3105	3783
3200	1677	2550	3312	4035
3400	1782	2710	3519	4287
3600	1886	2869	3726	4540
3800	1991	3029	3933	4792
4000	2096	3188	4140	5044
Watts / m @ Dt30	275	410	522	623
Water Content l / m	1.10	2.18	3.34	4.44
Weight kg / m	9.20	17.02	24.84	32.66
Exponent (n)	1.26	1.30	1.34	1.38

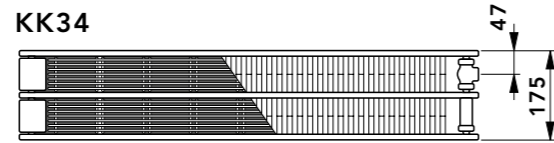
* For aesthetic reasons these models should not be fitted in front of a window.

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

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HEAT OUTPUTS

KK34

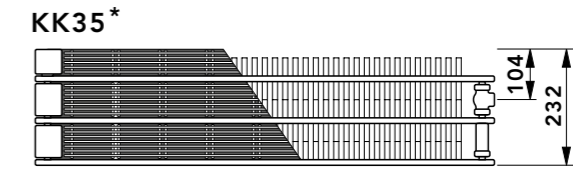


↔ Length [mm]	↕ No of Tubes - Height [mm]			
	1	2	3	4
	70	142	214	286
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	331	525	697	862
600	397	630	836	1034
700	463	735	976	1206
800	529	840	1115	1378
900	595	945	1255	1551
1000	661	1050	1394	1723
1100	727	1155	1533	1895
1200	793	1260	1673	2068
1300	859	1365	1812	2240
1400	925	1470	1952	2412
1600	1058	1680	2230	2757
1800	1190	1890	2509	3101
2000	1322	2100	2788	3446
2200	1454	2310	3067	3791
2400	1586	2520	3346	4135
2600	1719	2730	3624	4480
2800	1851	2940	3903	4824
3000	1983	3150	4182	5169
3200	2115	3360	4461	5514
3400	2247	3570	4740	5858
3600	2380	3780	5018	6203
3800	2512	3990	5297	6547
4000	2644	4200	5576	6892
Watts / m @ Dt30	360	552	707	851
Water Content l / m	1.68	3.33	4.99	6.66
Weight kg / m	12.68	23.93	35.18	46.42
Exponent (n)	1.19	1.26	1.33	1.38

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

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KK35*



↔ Length [mm]	↕ No of Tubes - Height [mm]			
	1	2	3	4
	70	142	214	286
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	405	599	826	986
600	485	718	991	1183
700	566	838	1156	1380
800	647	958	1321	1577
900	728	1077	1486	1774
1000	809	1197	1651	1971
1100	890	1317	1816	2168
1200	971	1436	1981	2365
1300	1052	1556	2146	2562
1400	1133	1676	2311	2759
1600	1294	1915	2642	3154
1800	1456	2155	2972	3548
2000	1618	2394	3302	3942
2200	1780	2633	3632	4336
2400	1942	2873	3962	4730
2600	2103	3112	4293	5125
2800	2265	3352	4623	5519
3000	2427	3591	4953	5913
3200	2589	3830	5283	6307
3400	2751	4070	5613	6701
3600	2912	4309	5944	7096
3800	3074	4549	6274	7490
4000	3236	4788	6604	7884
Watts / m @ Dt30	429	619	828	964
Water Content l / m	1.69	3.33	4.99	6.66
Weight kg / m	14.54	26.98	39.42	51.86
Exponent (n)	1.24	1.29	1.35	1.40

* For aesthetic reasons these models should not be fitted in front of a window.

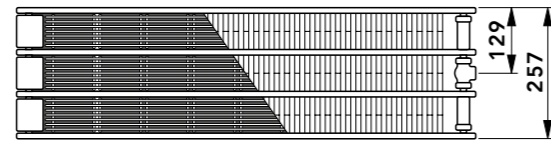
N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

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HEAT OUTPUTS

KK46

KK46

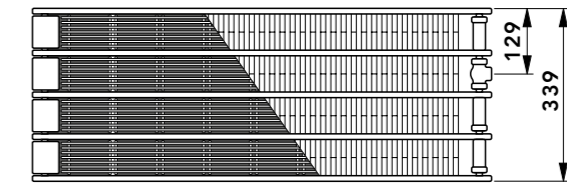


↕ No of Tubes - Height [mm]

↔ Length [mm]	↕ No of Tubes - Height [mm]			
	1 70	2 142	3 214	4 286
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	475	727	1036	1224
600	570	872	1243	1468
700	665	1018	1450	1713
800	760	1163	1658	1958
900	855	1309	1865	2202
1000	950	1454	2072	2447
1100	1045	1599	2279	2692
1200	1140	1745	2486	2936
1300	1235	1890	2694	3181
1400	1330	2036	2901	3426
1600	1520	2326	3315	3915
1800	1710	2617	3730	4405
2000	1900	2908	4144	4894
2200	2090	3199	4558	5383
2400	2280	3490	4973	5873
2600	2470	3780	5387	6362
2800	2660	4071	5802	6852
3000	2850	4362	6216	7341
3200	3040	4653	6630	7830
3400	3230	4944	7045	8320
3600	3420	5234	7459	8809
3800	3610	5525	7874	9299
4000	3800	5816	8288	9788
Watts / m @ Dt30	507	748	1034	1197
Water Content l / m	2.26	4.53	6.79	9.06
Weight kg / m	18.02	33.89	49.76	65.62
Exponent (n)	1.23	1.30	1.36	1.40

KK58

KK58



↕ No of Tubes - Height [mm]

↔ Length [mm]	↕ No of Tubes - Height [mm]			
	1 70	2 142	3 214	4 286
	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)	Watts (@ Dt50°C)
500	512	830	1296	1511
600	614	995	1555	1813
700	716	1161	1814	2115
800	818	1327	2074	2418
900	921	1493	2333	2720
1000	1023	1659	2592	3022
1100	1125	1825	2851	3324
1200	1228	1991	3110	3626
1300	1330	2157	3370	3929
1400	1432	2323	3629	4231
1600	1637	2654	4147	4835
1800	1841	2986	4666	5440
2000	2046	3318	5184	6044
2200	2251	3650	5702	6648
Watts / m @ Dt30	569	876	1301	1486
Water Content l / m	2.83	5.68	8.52	11.36
Weight kg / m	23.36	43.85	64.34	85.82
Exponent (n)	1.15	1.25	1.35	1.39



N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

N.B. The tabulated heat outputs are quoted at a mean water to air temperature difference of 50°C.

KH Horizontal

Double-pipe system

<p>Single-sided connection, right</p>	<p>Single-sided connection, left</p>
<p>Top-bottom, opposite-end, side-connection, right-side supply</p>	<p>Top-bottom, opposite-end, side-connection, left-side supply</p>
<p>Bottom-only, opposite-end, side-connection, right-side supply Note: reduced heat output</p>	<p>Bottom-only, opposite-end, side-connection, left-side supply Note: reduced heat output</p>

Single-pipe system

DÉCOR radiators can easily be converted for use with a single-pipe system. In this case, however, 4-way valves with a by-pass pipe need to be used.

Key

- ↓ Flow Water Inlet
- ↓ Return Water Outlet

Note: when ordering your DÉCOR KH horizontal models, the 4 connections must be accurately specified and assigned. This is for technical production reasons. No subsequent changes to the connections on your DÉCOR KH model are possible!

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KS Vertical

Double-pipe system

Note: with DÉCOR KS vertical, single-pipe connection is not possible!

<p>Top-bottom, same-end, Single-sided connection, right</p>	<p>Top-bottom, opposite-end, side-connection, right-side supply</p>	<p>Bottom-only, opposite-end, side-connection, right-side supply</p>
<p>Top-bottom, same-end, Single-sided connection, left</p>	<p>Top-bottom, opposite-end, side-connection, left-side supply</p>	<p>Bottom-only, opposite-end, side-connection, left-side supply</p>

Note: when ordering your DÉCOR KS vertical radiators the 4 connections must be accurately specified and assigned. This is for technical production reasons. No subsequent changes to the connections on your DÉCOR KS model are possible!

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TECHNICAL INFORMATION

KK Plinth

Double-pipe system

Single-sided connection, right

Single-sided connection, left

Top-bottom, opposite-end, side-connection, right-side supply

Top-bottom, opposite-end, side-connection, left-side supply

Bottom-only, opposite-end, side-connection, right-side supply
Note: reduced heat output

Bottom-only, opposite-end, side-connection, left-side supply
Note: reduced heat output

Vertical connection from below, bottom-only, opposite-end, right-side supply
Note: reduced heat output

Vertical connection from below, bottom-only, opposite-end, left-side supply
Note: reduced heat output

Single-pipe system

DÉCOR radiators can easily be converted for use with a single-pipe system. In this case, however, 4-way valves with a by-pass pipe need to be used.

Key

↓ Flow Water Inlet

↓ Return Water Outlet

Guide for the selection and number of required floor brackets for DÉCOR KH Horizontal

Radiator model	KH10		KH11		KH20		KH22	
	up to 2000	from 2200	up to 2000	from 2200	up to 2000	from 2200	up to 2000	from 2200
↔ Overall length [mm]								
SK22					2			
SK22		N/A				3		
SK23			2				2	
SK23				3				3

Choose your type of DÉCOR horizontal radiator (from pages 10 to 13).
 Choose the type of floor bracket required (from the table above and images below).
 The table will then confirm how many floor brackets are required.

Floor brackets

SK22

SK23

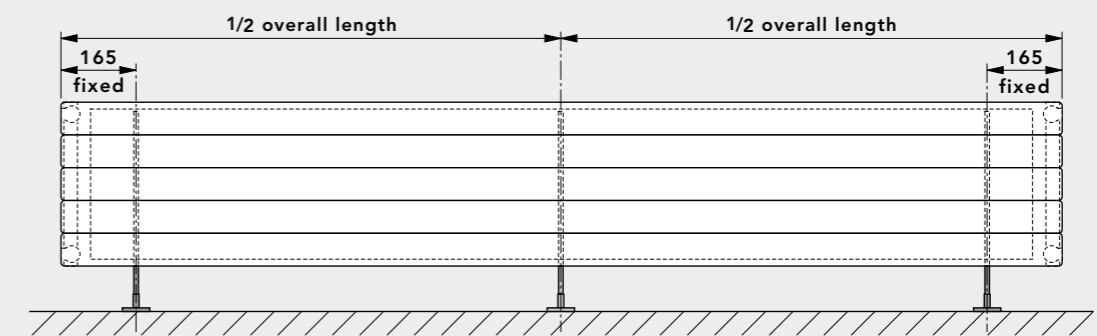
SK22: only available for KH20 up to 574mm high.

SK23: only available for KH11 & KH22 up to 646mm high.

SK22 and SK23 are only available in white.

Positioning of the floor brackets are confirmed below.

Stand brackets SK22 and SK23: positioning for KH Horizontal models



Note: for an overall length of 2200 mm and greater, a 3rd stand bracket must be used!

Note: when ordering your DÉCOR KK plinth models the 4 connections must be accurately specified and assigned. This is for technical production reasons. No subsequent changes to the connections on your DÉCOR KK model are possible!

Wall mounting WA11 for all DÉCOR KH Horizontal

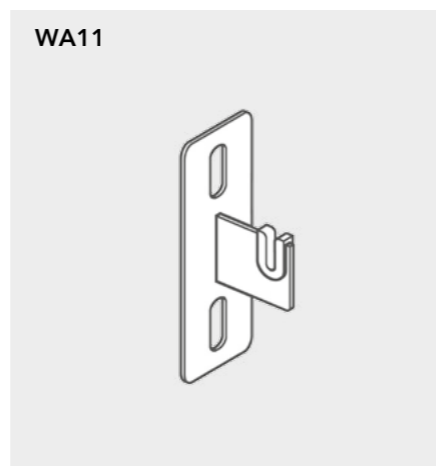
Type Wall mounting WA11 for KH10 to KH22

Overall height
 from 358 mm to 502 mm

Overall height
 from 574 mm to 790 mm

KH10 **KH11** **KH20** **KH22**

Number of brackets: 500 to 1600mm = 4, 1800 to 2800mm = 6, 3000 to 4000mm = 10



Wall mounting WA11 for DÉCOR KH Horizontal

Wall mounting WA11 is suitable for models KH (heights 358-790) with welded brackets. It ensures easy, rapid and robust mounting of DÉCOR KH horizontal radiators still in the packaging.

Wall mounting WA11

Wall mounting WA11 drilling dimensions

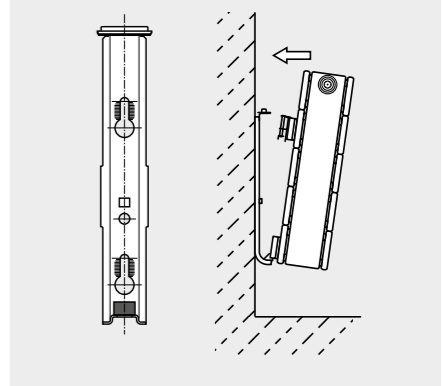
Overall height [mm]	Value A [mm]	Value B [mm]	Value C [mm]
358	58	97	317
430	58	97	317
502	58	97	317
574	58	97	517
646	58	97	517
718	58	97	517
790	58	97	517

Top edge radiator

Connection - wall clearance

KH models	Overall height [mm]	Measurement A [mm]	Measurement B [mm]
KH10, KH11	358 - 790	87	45
KH20, KH22	358 - 790	135	89

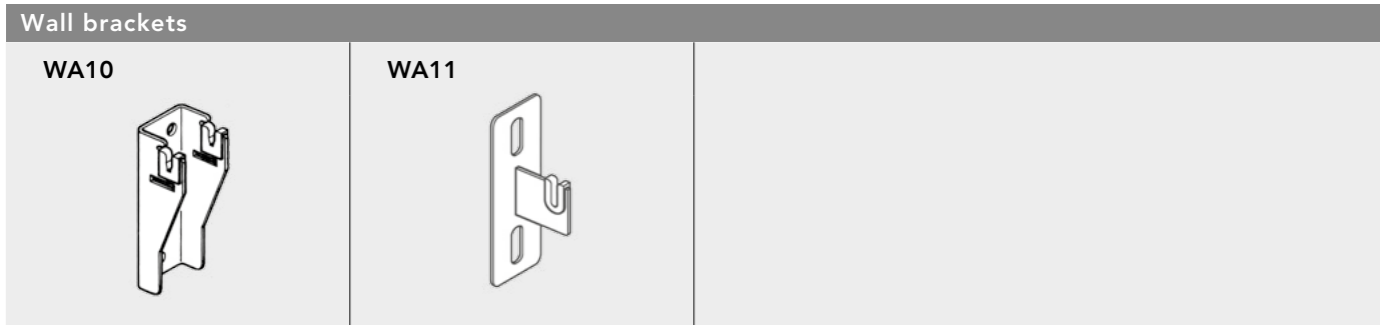
VONOMAT brackets also available. Please see page 42.



Guide for the selection and number of required wall brackets for DÉCOR KS Vertical

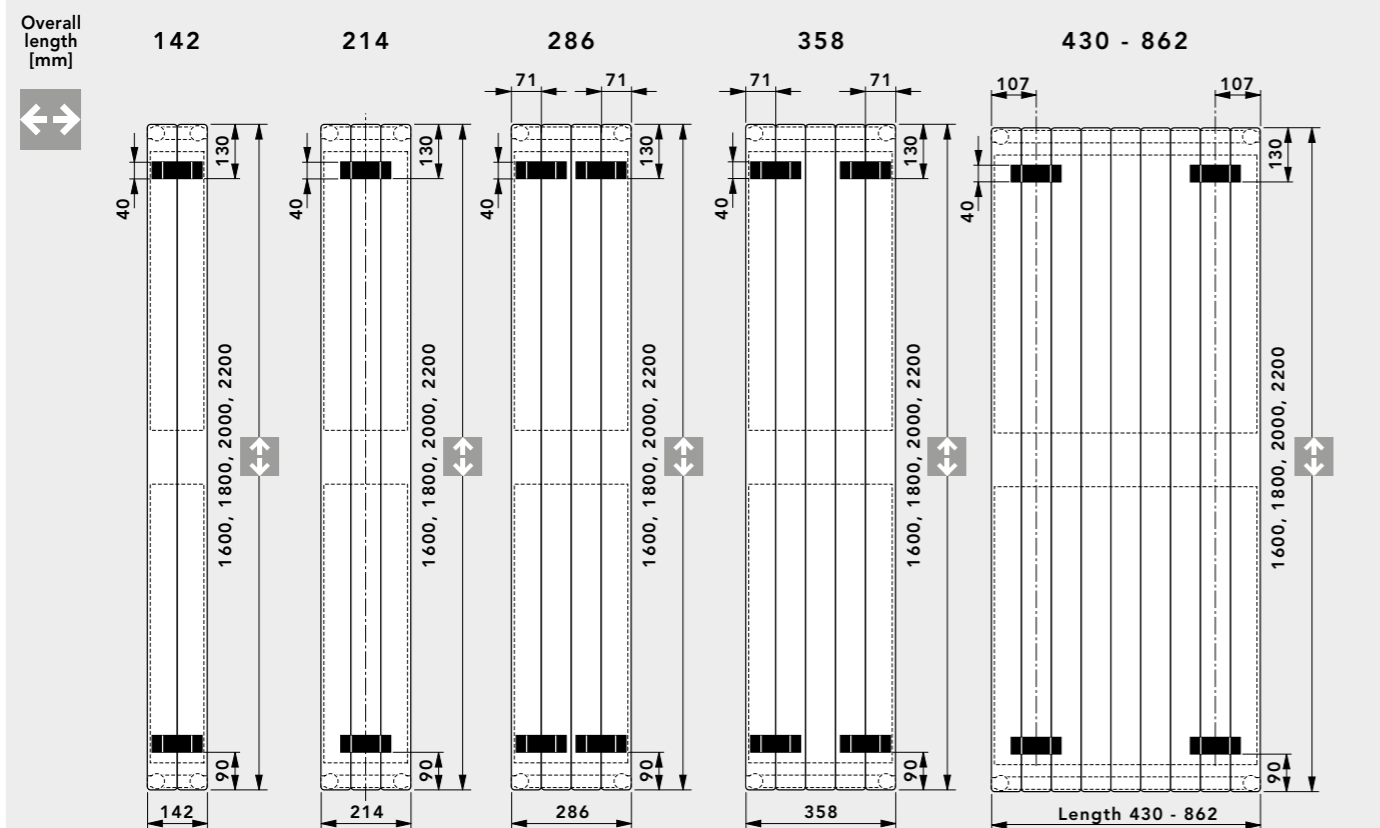
Radiator model	KS10		KS11		KS20		KS21	
	up to 214	from 286	up to 214	from 286	up to 214	from 286	up to 214	from 286
WA10	2		2		2		2	
WA11		4		4		4		4

Choose your type of DÉCOR KS vertical radiator (from page 14 to 17).
 Choose the type of wall bracket required (from the table above and images below).
 The table will then confirm how many wall brackets are required.

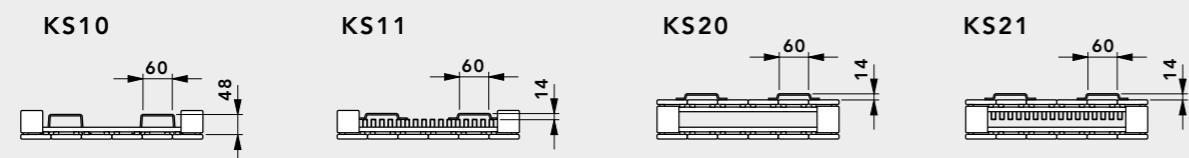


Positioning of the wall brackets are confirmed below.

KS Vertical models



View from top of radiator



Guide for the selection and number of required wall brackets for DÉCOR KS Vertical (cont...)

Wall clearance: WA10 and WA11 wall mounting brackets for the KS models

Connection – wall clearance				
Diagram	Wall mounting type	vertical design	Measure A [mm]	Measure B [mm]
		WA10	KS10/11*	77
WA10		KS20/21	125.5	79.5
WA11		KS10/11*	87	45
WA11		KS20/21	135.5	89.5
*Note: if you are installing the KS10 and KS11 models with a right-angled design connection, please note wall clearances.				



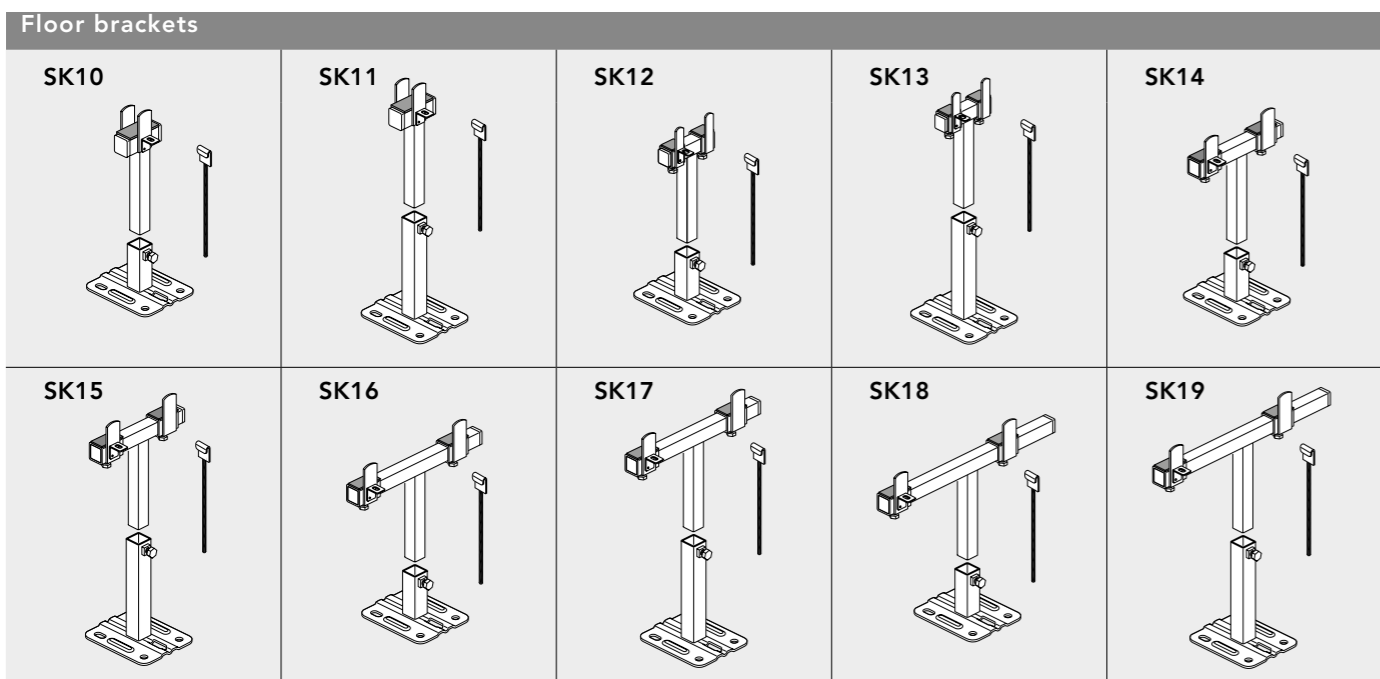
Guide for the selection and number of required floor brackets for DÉCOR KK Plinth

FLOOR BRACKET REF:	Radiator model	KK11		KK20		KK22	
	Overall length [mm]	up to 2000	from 2200	up to 2000	from 2200	up to 2000	from 2200
SK10 for finished floors		2	3				
SK11 for unfinished floors		2	3				
SK12 for finished floors				2	3	2	3
SK13 for unfinished floors				2	3	2	3

FLOOR BRACKET REF:	Radiator model	KK23		KK34		KK35	
	Overall length [mm]	up to 2000	from 2200	up to 2000	from 2200	up to 2000	from 2200
SK12 for finished floors		2	3				
SK13 for unfinished floors		2	3				
SK14 for finished floors				2	3	2	3
SK15 for unfinished floors				2	3	2	3

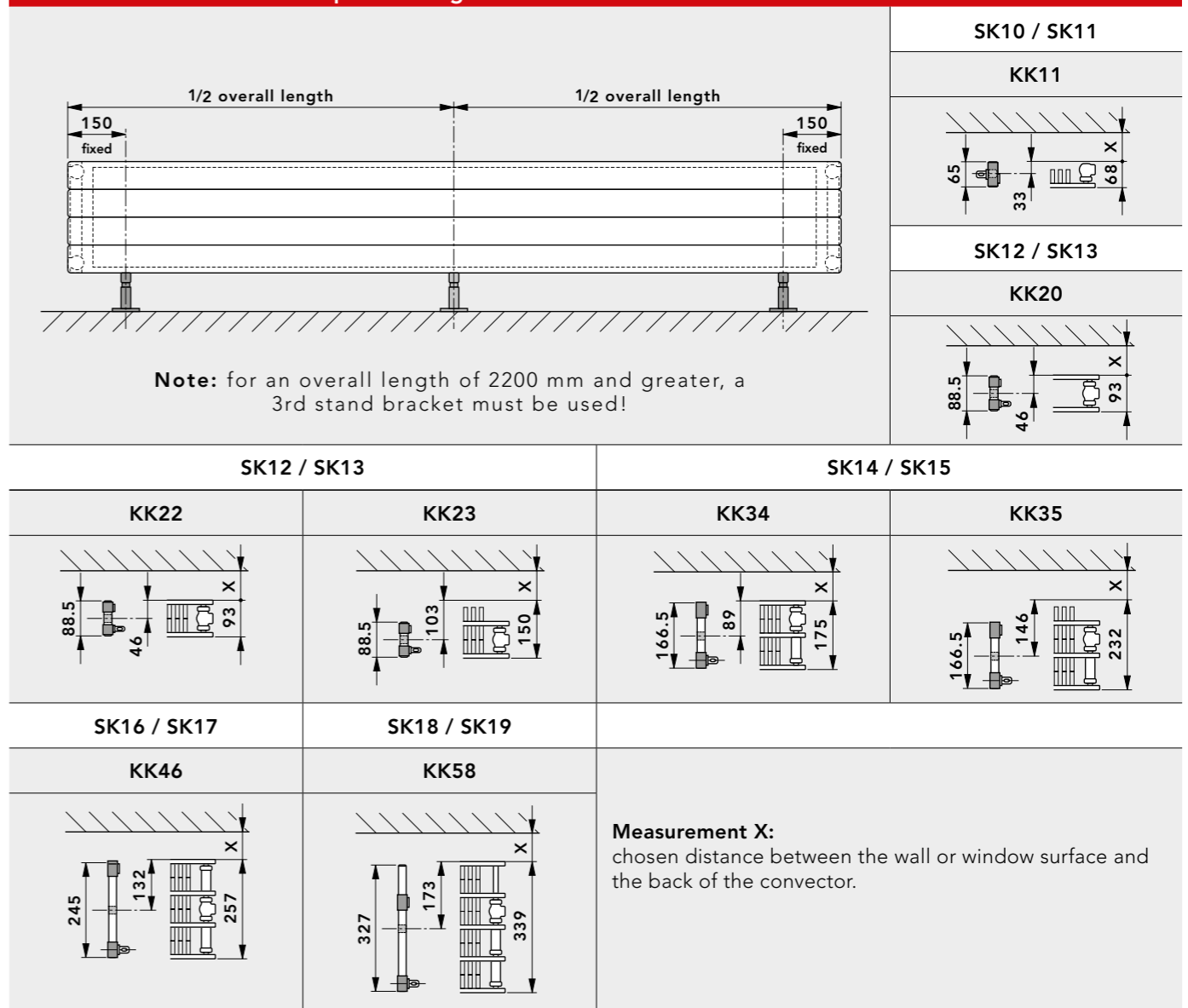
FLOOR BRACKET REF:	Radiator model	KK46		KK58	
	Overall length [mm]	up to 2000	from 2200	up to 2000	from 2200
SK16 for finished floors		2	3		
SK17 for unfinished floors		2	3		
SK18 for finished floors				2	3
SK19 for unfinished floors				2	3

Choose your type of DÉCOR KK plinth radiator (from page 18 to 25).
 Choose the type of floor bracket required (from the table above and images below).
 The table will then confirm how many floor brackets are required.



Positioning of the floor brackets are confirmed on the next page.

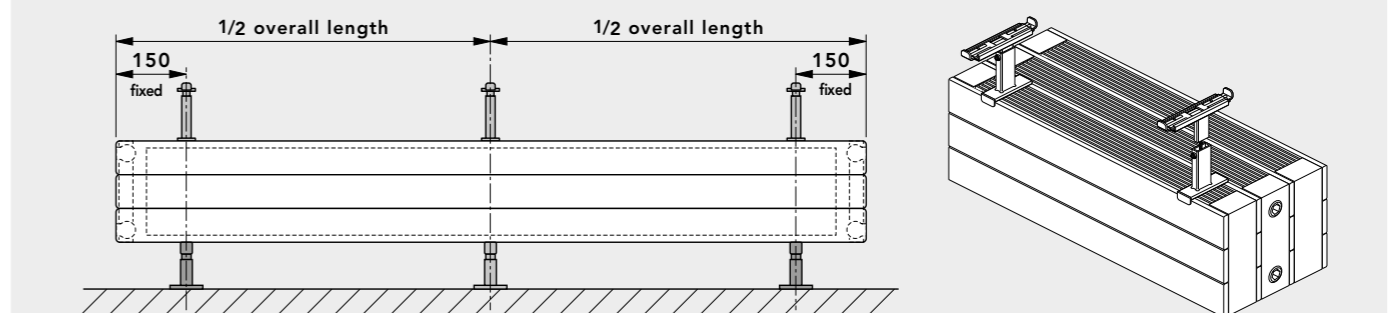
Stand brackets SK10 - 19: positioning for KK Plinth models



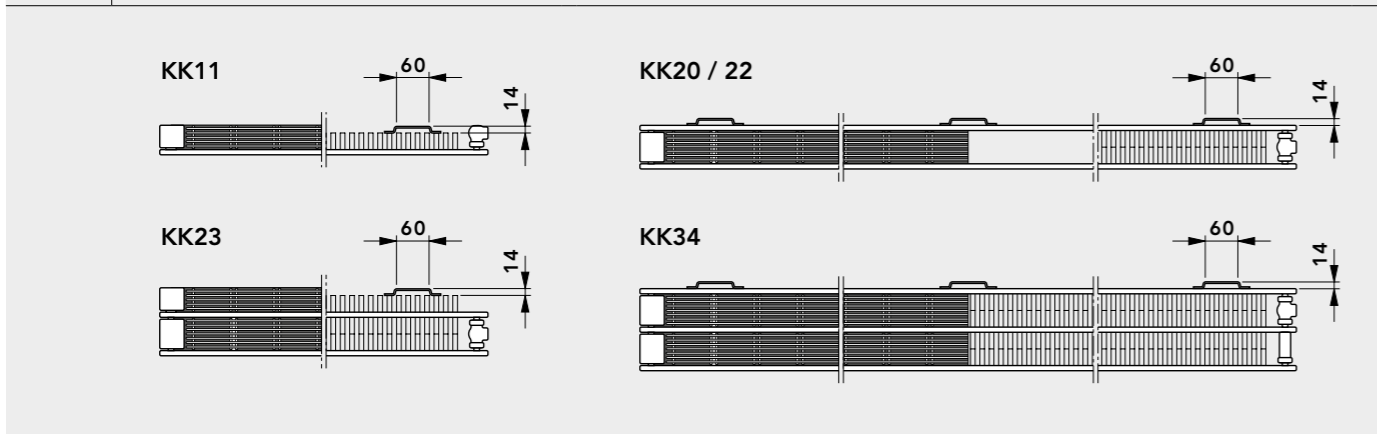
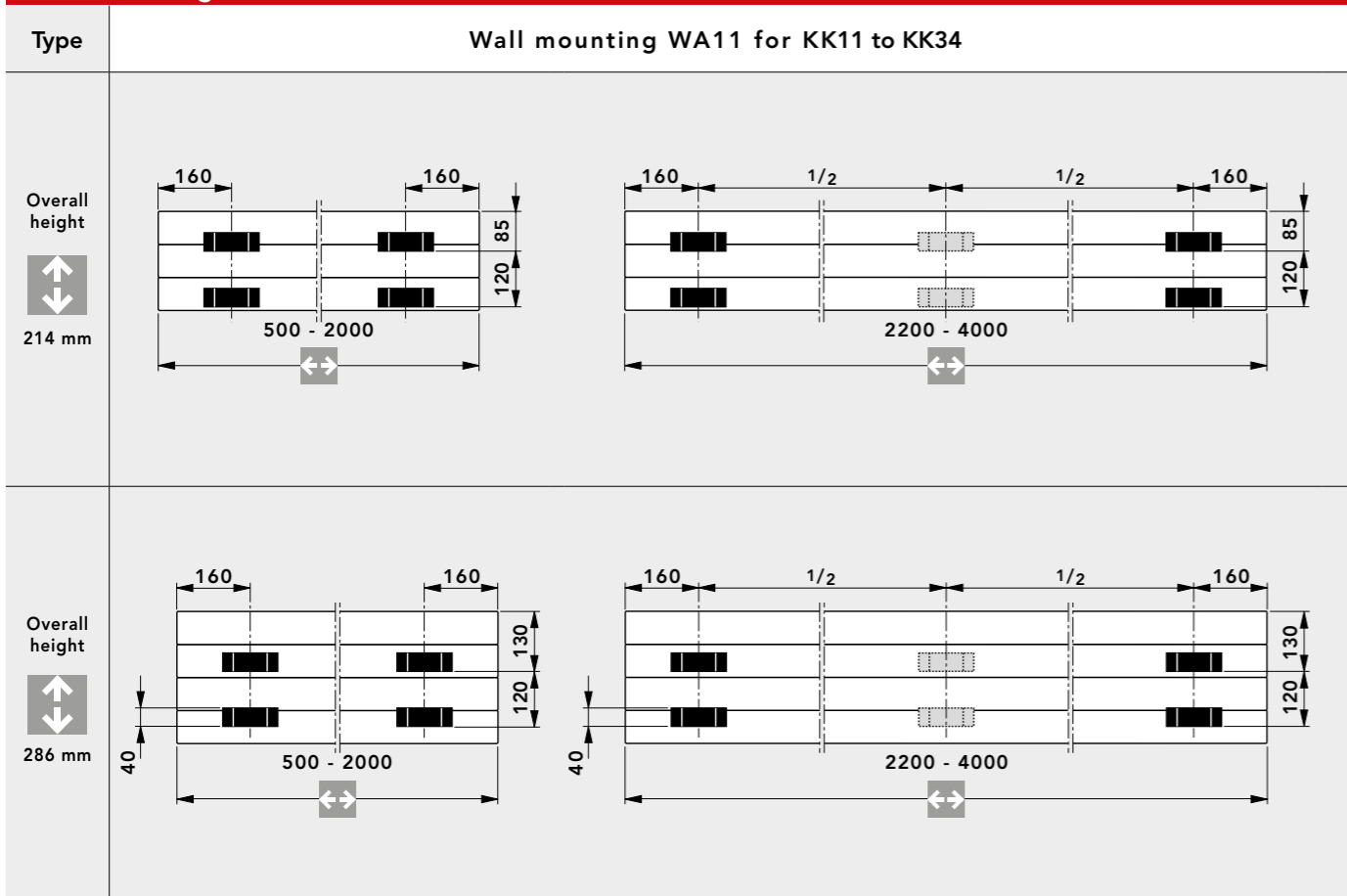
Optional Extra

Window sill support FBT20: positioning for KK Plinth models

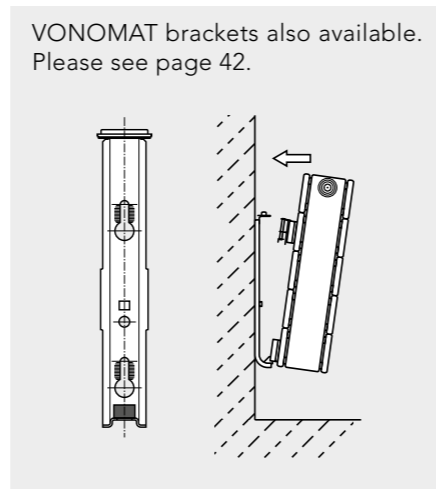
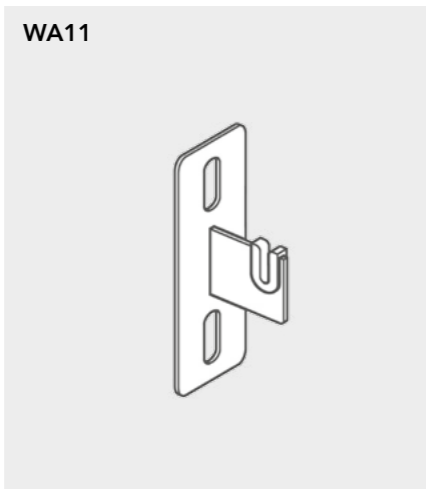
Window sill support for subsequent installation with the KK22 - 58 models



Wall mounting WA11 for DÉCOR KK Plinth



PLEASE NOTE: DÉCOR radiators are supplied without brackets by default. If wall mounting WA11 is used, you are required to order the radiator as a special version, equipped with welded brackets. Radiators with an overall height of 70 or 142 mm cannot be supplied with welded brackets.



VONOMAT brackets also available. Please see page 42.

DÉCOR RADIATORS KH, KS & KK MODELS TECHNICAL GUIDE 01.07.2017

Wall mounting WA11 for selected DÉCOR KK Plinth

Wall mounting WA11 is suitable for models KK (heights 214 and 286 mm, with welded brackets). It ensures easy, rapid and robust mounting of DÉCOR KK plinth radiators still in the packaging.

Wall mounting WA11 for heights 214 - 286

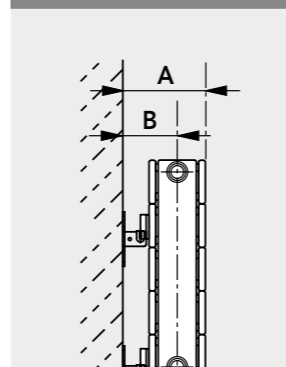
Wall mounting WA11 drilling dimensions

From an overall length of 2200 mm: 3 brackets

Overall height [mm]	Value A [mm]	Value B [mm]	Value C [mm]	Wall mounting WA11 for overall height 214-286mm
214	58	52	172	
286	58	97	217	

Connection - wall clearance

KK models	Overall height [mm]	Measurement A [mm]	Measurement B [mm]
KK11	214, 286	87	45
KK20, KK22, KK34	214, 286	135	89
KK23	214, 286	169.5	123.5



DÉCOR RADIATORS KH, KS & KK MODELS TECHNICAL GUIDE 01.07.2017

Heat Output Calculation

All heat outputs listed in this brochure are quoted at ΔT_{30} , for low temperature systems, and ΔT_{50} . To calculate outputs at alternative ΔT , please use the following steps:

Symbols used:

- t_1 = Flow temperature
- t_2 = Return temperature
- t_r = Ambient air temperature
- ΔT = Delta T
- Φ = Heat output

ΔT_{50} = Temperature difference between water and air

EG:

$$\Delta T = \left(\frac{t_1 + t_2}{2} \right) - t_r$$

$t_1 = 75^\circ\text{C}$, $t_2 = 65^\circ\text{C}$, $t_r = 20^\circ\text{C}$

Therefore:

$$\Delta T = \left(\frac{75 + 65}{2} \right) - 20$$

$\Delta T = 50$ (shown as ΔT_{50})

ΔT_x = If other conditions are used then a new ΔT needs to be determined:

EG:

For the condition 80/70/18

$$\Delta T_x = \left(\frac{t_1 + t_2}{2} \right) - t_r$$

$t_1 = 80^\circ\text{C}$, $t_2 = 70^\circ\text{C}$, $t_r = 18^\circ\text{C}$

Therefore:

$$\Delta T_x = \left(\frac{80 + 70}{2} \right) - 18$$

$\Delta T_x = 57$ (shown as ΔT_{57})

$\Phi_{\Delta T_{50}}$ = Heat output at ΔT_{50} or the condition 75/65/20

EG:

A PLINTH KK22 214 2000

(214 x 2000 T22) gives 1676W @ ΔT_{50}

$\Phi_{\Delta T_x}$ = Heat output at an alternative ΔT or condition to ΔT_{50} or 75/65/18

EG:

For ΔT_{57} or the condition 80/70/18 (see example above)

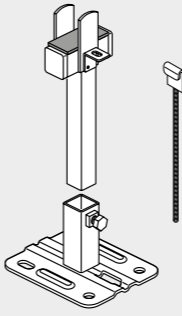
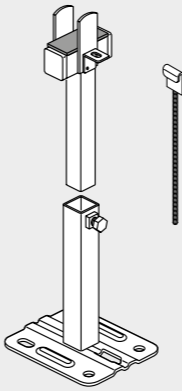
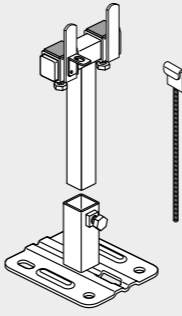
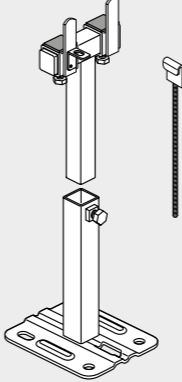
$$\Phi_{\Delta T_x} = \Phi_{\Delta T_{50}} \times \left(\frac{\Delta T_x}{\Delta T_{50}} \right)^n$$

$\Phi_{\Delta T_x} = \Phi_{\Delta T_{57}}$, $\Phi_{\Delta T_{50}} = 1676\text{W}$, $\Delta T_x = \Delta T_{57} = 57$, $\Delta T_{50} = 50$, $n = 1.3295$ (see individual product pages for n-coefficients)

Therefore:

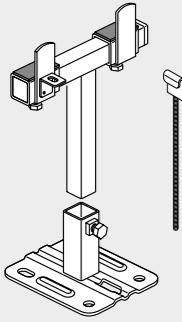
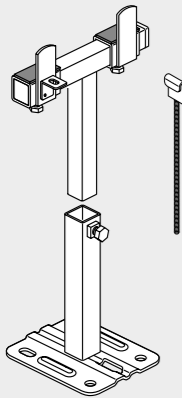
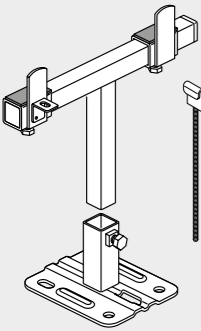
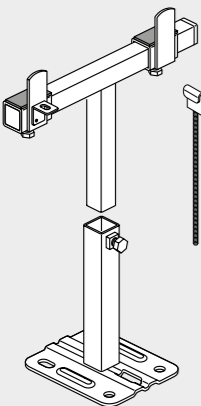
$$\Phi_{\Delta T_x} = 1676 \times \left(\frac{57}{50} \right)^{1.3295}$$

$\Phi_{\Delta T_{57}} = 1994\text{W}$

Image	Order number	Article description
Floor Mounting Brackets		
	SK10	Stand bracket SK10 , for finished floors DÉCOR model: KK11 Plinth consisting of: 1 stand base (80 mm), 1 stand top (175 mm), with a soundproof support and 1 integrated connection locking device, zinc-plated and coated in RAL 9016**
	SK11	Stand bracket SK11 , for unfinished floors DÉCOR model: KK11 Plinth consisting of: 1 stand base (175 mm), 1 stand top (200 mm), with a soundproof support and 1 integrated connection locking device, zinc-plated and coated in RAL 9016**
	SK12	Stand bracket SK12 , for finished floors DÉCOR models: KK20, KK22, KK23 Plinth consisting of: 1 stand base (80 mm), 1 stand top (175 mm), with 2 soundproof supports and 1 integrated connection locking device, zinc-plated and coated in RAL 9016** *Supplied as standard in the KK22 stock.
	SK13	Stand bracket SK13 , for unfinished floors DÉCOR models: KK20, KK22, KK23 Plinth 1 stand base (175 mm), 1 stand top (200 mm), with 2 soundproof supports and 1 integrated connection locking device, zinc-plated and coated in RAL 9016**

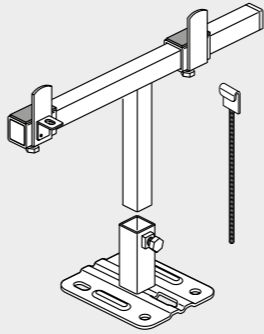
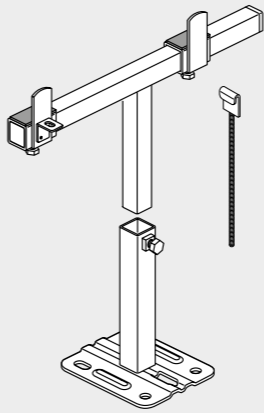
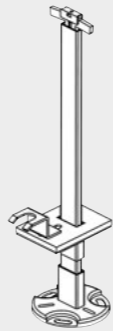

Note: for the recommended number of required brackets see page 34.

**Also available in colour at an extra charge (exception: positioners)

Image	Order number	Article description
	SK14	<p>Stand bracket SK14, for finished floors</p> <p>DÉCOR models: KK34, KK35 Plinth</p> <p>consisting of: 1 stand base (80 mm), 1 stand top (175 mm), with 2 soundproof supports and 1 integrated connection locking device, zinc-plated and coated in RAL 9016**</p> <p>*Supplied as standard in the KK34 stock.</p>
	SK15	<p>Stand bracket SK15, for unfinished floors</p> <p>DÉCOR models: KK34, KK35 Plinth</p> <p>consisting of: 1 stand base (175 mm), 1 stand top (200 mm), with 2 soundproof supports and 1 integrated connection locking device, zinc-plated and coated in RAL 9016**</p>
	SK16	<p>Stand bracket SK16, for finished floors</p> <p>DÉCOR model: KK46 Plinth</p> <p>Consisting of: 1 stand base (80 mm), 1 stand top (175 mm), with a soundproof support and 1 integrated connection locking device, zinc-plated and coated in RAL 9016**</p>
	SK17	<p>Stand bracket SK17, for unfinished floors</p> <p>DÉCOR model: KK46 Plinth</p> <p>Consisting of: 1 stand base (175 mm), 1 stand top (200 mm), with a soundproof support and 1 integrated connection locking device, zinc-plated and coated in RAL 9016**</p>


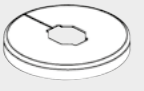
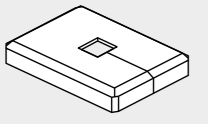
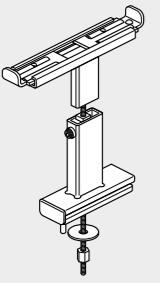
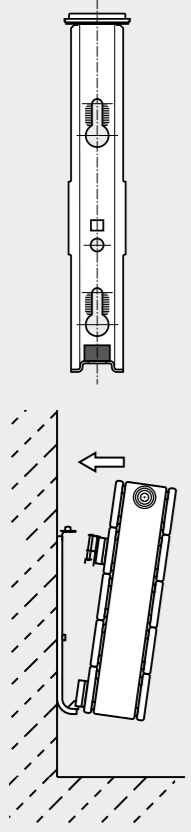
Note: for the recommended number of required brackets see page 34.

**Also available in colour at an extra charge (exception: positioners)



Image	Order number	Article description
	SK18	<p>Stand bracket SK18, for finished floors</p> <p>DÉCOR model: KK58 Plinth</p> <p>Consisting of: 1 stand base (80 mm), 1 stand top (175 mm), with 2 soundproof supports and 1 integrated connection locking device, zinc-plated and coated in RAL 9016**</p>
	SK19	<p>Stand bracket SK19, for unfinished floors</p> <p>DÉCOR model: KK58 Plinth</p> <p>Consisting of: 1 stand base (175 mm), 1 stand top (200 mm), with a soundproof support and 1 integrated connection locking device, zinc-plated and coated in RAL 9016**</p>
	SK22	<p>Stand bracket SK22</p> <p>Stand bracket for the horizontal design without brackets, for overall height of 358, 430, 502 and 574 mm, finished in white only</p> <p>DÉCOR model: KH20 Horizontal</p> <p>Consisting of: 1 base plate and 1 standpipe, soundproof, with a connection locking device</p>
	SK23	<p>Stand bracket SK23</p> <p>Stand bracket for the horizontal design without brackets, for overall height of 358, 430, 502, 574 and 646 mm, finished in white only</p> <p>DÉCOR models: KH11 and KH22 Horizontal</p> <p>Consisting of: 1 base plate and 1 standpipe, soundproof, with a connection locking device</p>

Note: for the recommended number of required brackets see pages 29 and 34.

**Also available in colour at an extra charge (exception: positioners and SK22 and SK23)

Image	Order number	Article description
Floor Mounting Bracket Accessories		
	FBSDE31ZA	Standpipe cladding , white only for stand brackets SK22 and SK23 (subsequent installation possible)
	ASK11	Covering surround ASK11 made of plastic in white only, for stand brackets SK22 and SK23 (subsequent installation possible)
	ASK10	Covering surround ASK10 Covering made of plastic in white only, suitable for the base plate of the stand brackets SK10 , SK12 , SK14 , SK16 and SK18
	FBT20	Window sill support FBT20 Window sill support for subsequent installation with: DÉCOR models: KK22 to KK58 Plinth up to an overall height of 286 mm Consisting of: 1 window sill base, window sill top, as well as 1 thread rod with washer and nut, coated in RAL 9016**
Wall Brackets		
		VONOMAT wall bracket , suitable for all models equipped with welded brackets . Consisting of: 2 or 3 wall brackets (zinc-plated), with sound-absorbing filters and integrated connection and displacement locking device, 2 or 3 balancer holders, 2 or 3 serrated lock washers, screws and dowels, and a shrink-wrapped instruction sheet
	Vonomat wall bracket set 300 NAH3002 BH300-3	DÉCOR models: for types KK11, KK20, KK22, KK23 and KK34, with overall height 214 and 286 mm up to an overall length of 2000 mm (set of 2) from an overall length of 2200 mm (set of 3)
	Vonomat wall bracket set 400 NAH4002 BH400-3	DÉCOR models: for types KH10, KH11, KH20 and KH22, with overall height 358, 430 and 502 mm up to an overall length of 2000 mm (set of 2) from an overall length of 2200 mm (set of 3)
	Vonomat wall bracket set 600 NAH6002 BH600-3	DÉCOR models: for types KH10, KH11, KH20 and KH22, with overall height 574, 646 and 790 mm up to an overall length of 2000 mm (set of 2) from an overall length of 2200 mm (set of 3)

**Also available in colour at an extra charge (exception: positioners)

Image	Order number	Article description
	WA10	Wall mounting brackets WA10 DÉCOR models: KS10, KS11, KS20, KS21 Vertical for vertical radiators with overall length 142 and 214 mm ; exception: KS10 and KS11, with angular connection (please note: wall clearance!). Consisting of: 2 wall brackets, screws and dowels
	WA11	Wall mounting brackets WA11 DÉCOR models: KH10 to KH22 Horizontal KS10 to KS21 Vertical KK11 to KK34 Plinth* Consisting of: 4 wall brackets, screws and dowels *Heights 214 and 286 only.

Note: for the recommended number of required brackets see pages 30 and 31, 32 and 33, 36 and 37.

**Also available in colour at an extra charge (exception: positioners)



MYSON

MYSON Eastern Avenue, Team Valley, Gateshead, Tyne & Wear NE11 0PG, UK
T: 0845 402 3434, F: 0191 491 7568, sales@myson.co.uk, www.myson.co.uk

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