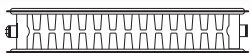


Type 22



Type 33

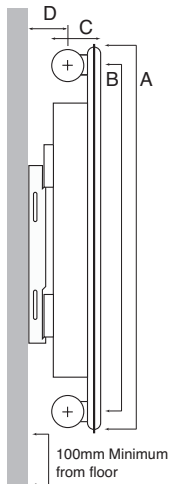


Height mm	Width inches	Code	Price	Output at $\Delta T50^{\circ}C$		Output at $\Delta T60^{\circ}C$		Code	Price	Output at $\Delta T50^{\circ}C$		Output at $\Delta T60^{\circ}C$		
				Watts	BTUs	Watts	BTUs			Watts	BTUs	Watts	BTUs	
300 12"	400	16	D304K	£141.41	420	1432	538	1834	—	—	—	—	—	
	500	20	—	—	—	—	—	—	—	—	—	—	—	
	600	24	D306K	£212.13	629	2148	806	2752	—	—	—	—	—	
	800	32	D308K	£282.83	839	2864	1075	3669	—	—	—	—	—	
	1000	39	D310K	£353.55	1049	3580	1344	4586	—	—	—	—	—	
	1200	47	D312K	£424.24	1259	4296	1613	5503	—	—	—	—	—	
	1400	55	D314K	£494.94	1469	5012	1882	6420	—	—	—	—	—	
	1600	63	D316K	£565.66	1679	5727	2150	7337	—	—	—	—	—	
	2000	79	D320K	£707.10	2098	7159	2688	9172	—	—	—	—	—	
400 16"	400	16	D404K	£179.62	533	1819	683	2330	—	—	—	—	—	
	500	20	D405K	£224.52	666	2273	854	2912	—	—	—	—	—	
	600	24	D406K	£269.45	800	2728	1024	3495	—	—	—	—	—	
	700	28	D407K	£314.35	933	3183	1195	4077	—	—	—	—	—	
	800	32	D408K	£359.25	1066	3637	1366	4660	T408K	£886.14	1453	4957	1839	6275
	900	36	D409K	£404.17	1199	4092	1536	5242	—	—	—	—	—	
	1000	39	D410K	£449.03	1333	4547	1707	5825	T410K	£1107.68	1816	6196	2299	7844
	1100	43	D411K	£493.97	1466	5002	1878	6407	—	—	—	—	—	
	1200	47	D412K	£538.86	1599	5456	2049	6990	T412K	£1329.21	2179	7435	2759	9413
	1400	55	D414K	£628.66	1866	6366	2390	8155	T414K	£1550.75	2542	8675	3219	10982
	1600	63	D416K	£718.47	2132	7275	2732	9320	—	—	—	—	—	
	1800	71	D418K	£808.32	2399	8184	3070	10485	—	—	—	—	—	
	2000	79	D420K	£898.13	2665	9094	3414	11650	—	—	—	—	—	
	2200	87	D422K	£987.93	2932	10003	3756	12815	—	—	—	—	—	
	2700	107	—	—	—	—	—	—	—	—	—	—	—	
3000	118	—	—	—	—	—	—	—	—	—	—	—		
500 20"	300	12	D503K	£246.83	478	1632	613	2090	—	—	—	—	—	
	400	16	D504K	£214.85	638	2176	817	2787	—	—	—	—	—	
	500	20	D505K	£268.59	797	2720	1021	3484	—	—	—	—	—	
	600	24	D506K	£322.30	956	3263	1225	4181	—	—	—	—	—	
	700	28	D507K	£376.03	1116	3807	1430	4878	—	—	—	—	—	
	800	32	D508K	£429.77	1275	4351	1634	5574	T508K	£1020.29	1741	5940	2203	7517
	900	36	D509K	£483.45	1435	4895	1838	6271	—	—	—	—	—	
	1000	39	D510K	£537.19	1594	5439	2042	6968	T510K	£1275.33	2176	7425	2754	9397
	1100	43	D511K	£590.90	1754	5983	2246	7665	—	—	—	—	—	
	1200	47	D512K	£644.62	1913	6527	2451	8362	T512K	£1530.41	2611	8909	3305	11276
	1300	51	D513K	£698.32	2072	7071	2655	9058	—	—	—	—	—	
	1400	55	D514K	£752.04	2232	7615	2859	9755	T514K	£1785.5	3046	10394	3856	13155
	1500	59	D515K	£805.78	2391	8159	3063	10452	—	—	—	—	—	
	1600	63	D516K	£859.47	2551	8703	3268	11149	T516K	£2040.56	3482	11879	4406	15035
	1800	71	D518K	£966.89	2869	9790	3676	12542	—	—	—	—	—	
2000	79	D520K	£1074.35	3188	10878	4084	13936	—	—	—	—	—		
2200	87	D522K	£1181.79	3507	11966	4493	15330	—	—	—	—	—		
2400	95	D524K	£1289.23	3826	13540	4901	16723	—	—	—	—	—		
2700	107	—	—	—	—	—	—	—	—	—	—	—		
3000	118	—	—	—	—	—	—	—	—	—	—	—		
600 24"	300	12	D603K	£267.83	551	1878	705	2406	—	—	—	—	—	
	400	16	D604K	£247.30	734	2504	940	3208	T604K	£584.27	1006	3431	1273	4343
	500	20	D605K	£309.11	917	3130	1175	4010	T605K	£730.34	1257	4289	1591	5429
	600	24	D606K	£370.97	1101	3756	1410	4812	T606K	£876.40	1508	5147	1909	5414
	700	28	D607K	£432.76	1284	4382	1645	5614	T607K	£1022.47	1760	6005	2227	7600
	800	32	D608K	£494.60	1468	5008	1880	6416	T608K	£1168.52	2011	6862	2546	8686
	900	36	D609K	£556.42	1651	5634	2115	7218	T609K	£1314.61	2263	7720	2864	9771
	1000	39	D610K	£618.24	1835	6260	2350	8020	T610K	£1460.68	2514	8578	3182	10857
	1100	43	D611K	£680.07	2018	6886	2585	8822	T611K	£1606.74	2765	9436	3500	11943
	1200	47	D612K	£741.90	2202	7512	2820	9624	T612K	£1752.81	3017	10293	3818	13028
	1300	51	D613K	£783.93	2385	8138	3056	10425	—	—	—	—	—	
	1400	55	D614K	£865.54	2569	8764	3291	11227	T614K	£2044.94	3520	12009	4455	15200
	1500	59	D615K	£927.37	2752	9390	3526	12029	—	—	—	—	—	
	1600	63	D616K	£989.21	2935	10016	3761	12831	T616K	£2337.08	4022	13724	5091	17371
	1800	71	D618K	£1112.85	3302	11268	4231	14435	T618K	£2629.22	4525	15440	5728	19543
2000	79	D620K	£1236.50	3669	12520	4701	16039	T620K	£2921.35	5028	17156	6364	21714	
2200	87	D622K	£1360.14	4036	13772	5171	17643	—	—	—	—	—		
2400	95	D624K	£1483.79	4404	15240	5640	19248	—	—	—	—	—		
2700	107	D627K	£1669.27	4954	16902	6346	21653	—	—	—	—	—		
3000	118	D630K	£1854.74	5504	18780	7051	24059	—	—	—	—	—		
750 30"	400	16	D704K	£279.74	830	2832	1063	3628	—	—	—	—	—	
	500	20	D705K	£349.65	1038	3540	1329	4536	—	—	—	—	—	
	600	24	D706K	£419.57	1245	4248	1595	5443	—	—	—	—	—	
	700	28	D707K	£489.51	1453	4957	1861	6350	—	—	—	—	—	
	800	32	D708K	£559.44	1660	5665	2127	7257	T708K	£1375.76	2387	8145	3060	10441
	900	36	D709K	£629.38	1868	6373	2393	8164	—	—	—	—	—	
	1000	39	D710K	£699.32	2075	7081	2659	9071	T710K	£1719.70	2984	10181	3825	13051
	1100	43	D711K	£769.25	2283	7789	2924	9978	—	—	—	—	—	
	1200	47	D712K	£839.19	2490	8497	3190	10885	T712K	£2063.64	3581	12218	4590	15661
	1400	55	D714K	£979.04	2905	9913	3722	12700	—	—	—	—	—	
900 36"	1600	63	D716K	£1118.92	3320	11329	4254	14514	T714K	£2407.58	4178	14254	5355	18271
	1800	71	—	—	—	—	—	—	—	—	—	—	—	
	400	16	D904K	£489.39	908	3344	1255	4284	—	—	—	—	—	
	500	20	D905K	£611.72	1225	4180	1569	5355	—	—	—	—	—	
	600	24	D906K	£734.06	1470	5016	1883	6426	—	—	—	—	—	
	700	28	D907K	£856.42	1715	5852	2197	7496	—	—	—	—	—	
	800	32	D908K	£978.75	1960	6688	2511	8567	—	—	—	—	—	
	900	36	D909K	£1101.08	2205	7523	2825	9638	—	—	—	—	—	
1000	39	D910K	£1223.45	2450	8359	3139	10709	—	—	—	—	—		
1100	43	D911K	£1345.77	2695	9195	3453	11780	—	—	—	—	—		
1200	47	D912K	£1468.12	2940	10031	3766	12851	—	—	—	—	—		

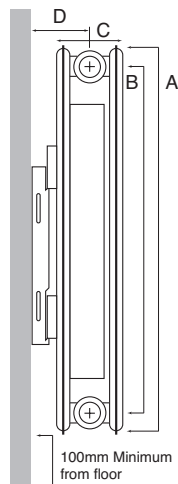
- High output radiators - EN 442 tested and certified
- Factory fitted top grilles and side panels
- High quality finish - white enamel (RAL 9016)
- Comprehensive range - over 240 sizes and outputs
- Operating pressure 10 bars (tested to 13 bars/188PSI)
- Maximum operating temperature 120°C
- Manufactured under BS EN ISO 9001 quality system
- Guarantee: 10 years

Fitting Dimensions

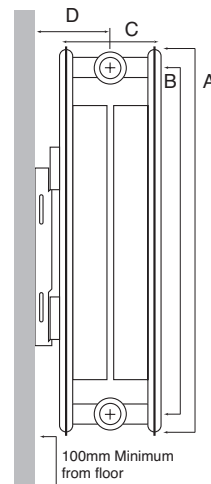
Single Convector
Type 11



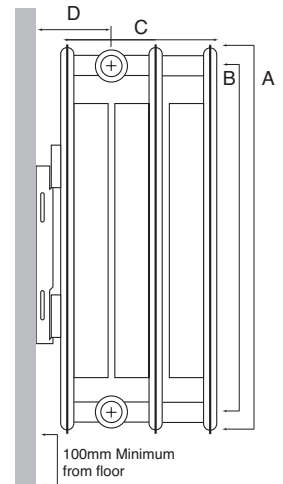
Double Panel
Single Convector
Type 21



Double Convector
Type 22



Triple Convector
Type 33



Sizes indicated may vary by + or - 2mm.

Type 11

Nominal Size	Centre Distance	Width	Wall to Centre
mm	mm	mm	mm
A	B	C	D
300	245	56	40 or 55
400	345	56	40 or 55
500	445	56	40 or 55
600	545	56	40 or 55
750	695	56	40 or 55
900	845	56	40 or 55

Type 22

Nominal Size	Centre Distance	Width	Wall to Centre
mm	mm	mm	mm
A	B	C	D
300	245	105	82.5 or 97.5
400	345	105	82.5 or 97.5
500	445	105	82.5 or 97.5
600	545	105	82.5 or 97.5
750	695	105	82.5 or 97.5
900	845	105	82.5 or 97.5

Type 21

Nominal Size	Centre Distance	Width	Wall to Centre
mm	mm	mm	mm
A	B	C	D
400	345	70	65 or 80
500	445	70	65 or 80
600	545	70	65 or 80
750	695	70	65 or 80
900	845	70	65 or 80

Type 33

Nominal Size	Centre Distance	Width	Wall to Centre
mm	mm	mm	mm
A	B	C	D
400	345	160	82.5 or 97.5
500	445	160	82.5 or 97.5
600	545	160	82.5 or 97.5
750	695	160	82.5 or 97.5

BTU Conversion Table

Factors for differences between mean water temperatures and room temperature in °C other than 50 °C

C	5	10	15	20	25	30	35	40	45	50	51	52	53	54	55	55.5	56	57	58	59	60	65	70	75
CF	0.050	0.123	0.209	0.304	0.406	0.515	0.629	0.748	0.872	1.000	1.026	1.502	1.079	1.105	1.132	1.145	1.159	1.186	1.213	1.240	1.267	1.406	1.549	1.694

The outputs shown on our pricelist can be converted to take into account different operating conditions. The outputs shown under the ΔT_{50} column are based on BS EN442 operating conditions. For ΔT 's other than 50, a correction factor must be applied.

Example: Output required @ ΔT_{45} , you would take the output at ΔT_{50} and then multiply it by 0.872 as per the conversion table.

Weights and Water Content

Type 11

Size	Length	Water Content lt/m	Weight kg/m
300	400-3000	1.7	8.6
400	400-3000	2.1	11.5
500	400-3000	2.4	14.4
600	400-3000	2.9	17.3
750	400-3000	3.0	21.6
900	400-3000	3.5	25.8

Type 21

Size	Length	Water Content lt/m	Weight kg/m
400	400-3000	4.1	19.7
500	400-3000	5.0	24.4
600	400-3000	5.9	29.2
750	400-3000	6.7	36.5
900	400-3000	7.6	43.7

Type 22

Size	Length	Water Content lt/m	Weight kg/m
300	400-3000	3.2	17.4
400	400-3000	4.1	22.9
500	400-3000	5.0	28.3
600	400-3000	5.9	33.8
750	400-3000	6.8	42.0
900	400-3000	7.6	51.2

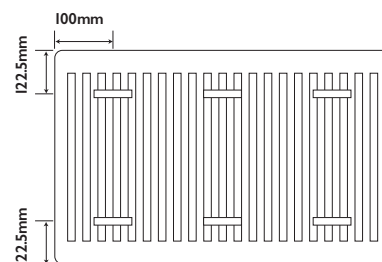
Type 33

Size	Length	Water Content lt/m	Weight kg/m
400	400-3000	6.1	31.7
500	400-3000	7.5	39.5
600	400-3000	8.3	47.2
750	400-3000	9.8	58.8



Installation

- For maximum efficiency, radiators should be fixed at no less than 100mm (4") from finished floor level.
- Pipe positioning guide for manual valve allow 35mm to centre of pipe. For TRV valve allow 45mm to centre of pipe.
- To prevent damage to radiator it is strongly recommended during installation to leave protective packaging on radiator by simply removing lug protecters and pre cut tapping connection.



Water Treatment/Corrosion Inhibitor

It is strongly recommended that, where appropriate, all indirect/closed heating systems are cleansed by a flushing agent and treated with a central heating system inhibitor before installing a Kartell product, according to the specifications of the British Standard for preparation, commissioning and maintenance of domestic central heating and cooling water systems, BS 7593:2019. This is especially important if the product is an addition to an existing system and would ensure the continued efficiency and longevity of the system's components together with the radiator.

Failure to follow this recommendation will invalidate the manufacturing guarantee. For further details please see our KRAD guarantee T&Cs page on our website, QR Code below.



TAKE A LOOK AT OUR BROCHURES FOR A FULL RANGE OF **VALVES** TO USE WITH OUR **KOMPACT RADIATORS**

Kartelluk.com

Due to constant improvements on our products we reserve the right to alter specifications and prices at any time without notice



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