



termoteknik

Technical Catalogue





Termo Teknik is the Turkish subsidiary of the UK based Stelrad Radiator Group, a leading heating business in Europe.

Termo Teknik was founded in 1966 in Istanbul for the production of steel column radiators and oil burners. In the following decades the company has widened its product portfolio with electrical water heaters, solar panels, boilers and electrical radiators. In 1990, Termo Teknik have started production of steel panel radiators in the Corlu plant, located 120 km west of Istanbul.

Today, Termo Teknik's main focus is on steel panel radiators. Corlu plant is spread over 100,000m² of land with 48,000m² building area. It hosts one of the largest radiator factories in Europe with a production capacity of 4.5 million pieces pa coming from its 8 modern welding lines. The company's products are sold around the World through a network of specialist distributors.

Termo Teknik's vision is to be the leading producer of panel radiators in Europe with high quality production, wide product range and innovations exceeding customer expectations, whilst giving its customers reliable service throughout the year.



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General Characteristics

Steel and Production

Termo Teknik panel radiators are produced in conformity with EN442 and under ISO 9001:2015 quality management system. Cold rolled steel conforming to EN 10130 is used in the production; surface treatment and painting processes take place in accordance with DIN 55900-1 standard.

Steel thicknesses used in panel radiator production is
Panel production : 1.20 ± 0.09 mm
Fin production : 0.40 ± 0.05 mm

The fins are welded on top of 33.33 mm pitched water channels to provide high heat output performance. Every radiator is pressure tested following production.

Radiator test pressure : 13 bar
Maximum radiator working pressure : 10 bar
Maximum working temperature : 110°C

Surface Treatment and Painting

All radiators are applied with surface treatment before they are painted. New generation nanotechnology (Biozentech) is used to decrease carbon footprint and minimize water consumption. Radiator surfaces are treated with phosphate free zirconium. After surface treatment process, radiators go to painting as follows:

Environmentally friendly primary (dip) paint:
white, Epoxy ester-melamine based water dilutable primary paint, cured at 140°C 20 minute.

Electrostatic powder paint: RAL 9016, 60+/-10 gloss, epoxy polyester, cured at 160°C 10 minute.

Accessories

Unless specified all Termo Teknik radiators are provided with factory fitted top grills and side panels and they include "L"-wall hangers and an accessory bag with the following contents:

- Screws and plastic wall plugs
- Blanking plug G 1/2"
- Airvent plug G 1/2"

Various other wall brackets, floor stands and accessories are available upon request.

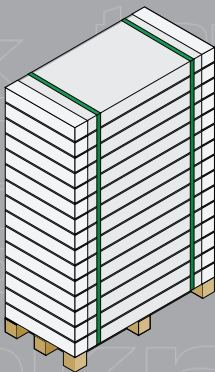
Termo Teknik Logo

Please look out for the Termo Teknik logo on the side panels as a guarantee of Termo Teknik's high quality and assurance .

Packaging and Labelling

Lugs welded at the back of the radiators are protected by plastic supports against damages . Sides of the panels are supported with grooved card-board protectors against possible harms from external effects . Finally, the radiators are wrapped with shrink-wrap plastic against wetness, humidity, dust.

This heavy duty packaging minimizes the risk of damage during transportation or at the construction or installation sites. in order to prevent damages to the radiator surface and paint, it is advised that the wrapping of the radiator should be kept on until all construction work at the site is completed.



Palletizing

For maximum protection of radiators during transit and storage, Termo Teknik uses custom made pallets which conform to ISPM 15 standard. Quantities shown in above drawing are illustrative only . Actual pallet loading quantities may vary depending on way of shipment and destination.

Warranty

Unless specified all Termo Teknik radiators are provided with 10 year warranty against defects in material or workmanship. Please refer to the warranty conditions outlined on page 43 of this catalogue.



A modern, minimalist interior space featuring a large, white, vertical radiator mounted on a wall made of large, light-colored stone tiles. The room has a polished floor reflecting the light, and large windows on the left side casting long, diagonal shadows. In the background, there are several brown armchairs and potted plants. A red circle is visible on the right side of the image.

Range Overview Premium

Design Flatfront

8

Test Pressure **13** bar

Max Working Pressure **10** bar

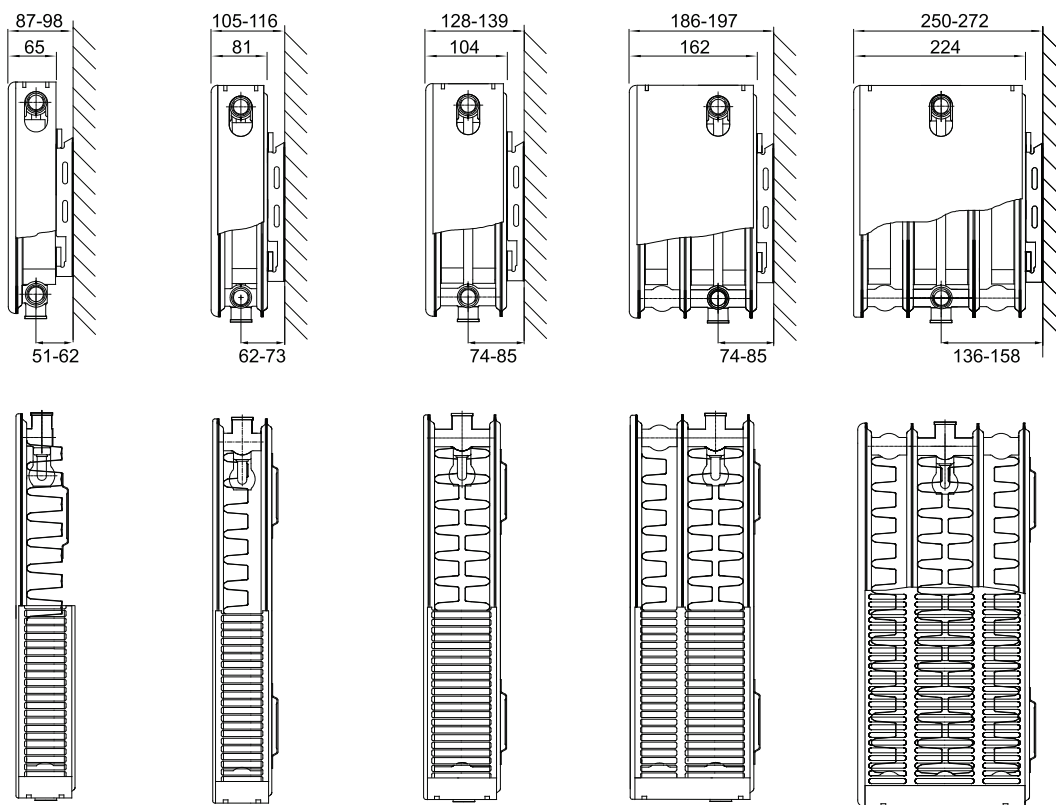
Max Water Temperature **110** °C

Warranty **10** year

Paint Finish **9016** RAL

No of Connections **6x G 1/2"** DIN

- Modern, efficient and durable panel radiators with 6 connections and insert valve
- Comprehensive range to suit all applications
- Provides hassle-free plumber friendly installation
- Enhanced user control and room comfort with use of thermostatic head
- Can be used with most thermostatic head brands
- Insert valve is on the right-hand side on standard models, left hand side version available upon request
- Comprehensive hardware pack including airvent & blind plugs, screws and screw caps
- „L” wall brackets providing mounting flexibility [other bracket options available on request]
- Robust packaging ensuring long-lasting protection during transport and on-site



Height mm	Type 11	Type 21	Type 22	Type 33	Type 44	Side connections
200			645 W	894 W	1,197 W	150
			12.44 Kg	17.77 Kg	23,00 Kg	
			2.60 l	4.71 l	5,60 l	
			n = 1.3047	n = 1.282	n = 1,29	
300	468 W	725 W	919 W	1288 W		250
	12.11 Kg	17.54 Kg	18.60 Kg	26.13 Kg		
	1.73 l	3.75 l	3.40 l	4.80 l		
	n = 1.2725	n = 1.2703	n = 1.3008	n = 1.2788		
400	598 W	892 W	1166 W	1655 W		350
	16.16 Kg	22.19 Kg	24.78 Kg	34.92 Kg		
	2.12 l	4.82 l	4.23 l	6.37 l		
	n = 1.2729	n = 1.2801	n = 1.312	n = 1.2962		
500	725 W	1057 W	1390 W	1996 W		450
	19.83 Kg	27.36 Kg	30.49 Kg	43.17 Kg		
	2.51 l	5.88 l	5.07 l	7.93 l		
	n = 1.2733	n = 1.2868	n = 1.3232	n = 1.3137		
600	850 W	1221 W	1592 W	2315 W		550
	24.33 Kg	33.13 Kg	37.15 Kg	52.39 Kg		
	2.90 l	6.95 l	5.90 l	9.50 l		
	n = 1.2737	n = 1.2996	n = 1.3344	n = 1.3311		
900	1221 W	1731 W	2084 W	3148 W		850
	35.59 Kg	49.83 Kg	55.67 Kg	80.88 Kg		
	3.90 l	10.00 l	7.80 l	14.31 l		
	n = 1.2749	n = 1.3206	n = 1.3329	n = 1.3326		

Design Style



10

Test Pressure **13** bar

Max Working Pressure **10** bar

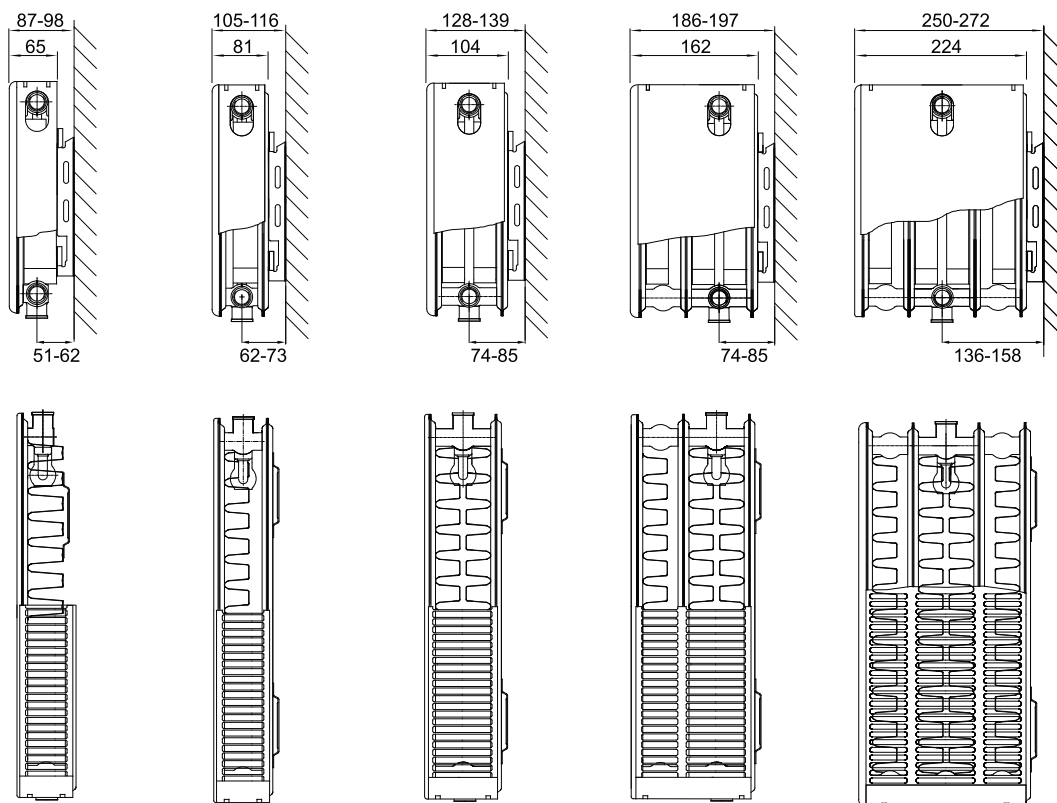
Max Water Temperature **110** °C

Warranty **10** year

Paint Finish **9016** RAL

No of Connections **6x G 1/2"** DIN

- Stylish efficient and durable panel radiators with sectional/ribbed appearance.
- 6 connections and insert valve supplied as standard
- Comprehensive range to suit all applications
- Provides hassle-free plumber friendly installation
- Enhanced user control and room comfort with use of thermostatic head
- Insert valve supplied fitted on the radiator upon request
- Can be used with most thermostatic head brands
- Comprehensive hardware pack including airvent & blind plugs, screws and screw caps
- "L" wall brackets providing mounting flexibility (other bracket options available on request)
- Robust packaging ensuring long-lasting protection during transport and on-site



Height mm

Type 11

Type 21

Type 22

Type 33

Type 44

Side connections

200

150

300

250

400

350

500

450

600

550

900

850

			645 W	894 W	1,197 W	
			12.44 Kg	17.77 Kg	23,00 Kg	
			2.60 l	4.71 l	5,60 l	
			n = 1.3047	n = 1.282	n = 1,29	
	468 W	725 W	919 W	1288 W		
	12.11 Kg	17.54 Kg	18.60 Kg	26.13 Kg		
	1.73 l	3.75 l	3.40 l	4.80 l		
	n = 1.2725	n = 1.2703	n = 1.3008	n = 1.2788		
	598 W	892 W	1166 W	1655 W		
	16.16 Kg	22.19 Kg	24.78 Kg	34.92 Kg		
	2.12 l	4.82 l	4.23 l	6.37 l		
	n = 1.2729	n = 1.2801	n = 1.312	n = 1.2962		
	725 W	1057 W	1390 W	1996 W		
	19.83 Kg	27.36 Kg	30.49 Kg	43.17 Kg		
	2.51 l	5.88 l	5.07 l	7.93 l		
	n = 1.2733	n = 1.2868	n = 1.3232	n = 1.3137		
	850 W	1221 W	1592 W	2315 W		
	24.33 Kg	33.13 Kg	37.15 Kg	52.39 Kg		
	2.90 l	6.95 l	5.90 l	9.50 l		
	n = 1.2737	n = 1.2996	n = 1.3344	n = 1.3311		
	1221 W	1731 W	2084 W	3148 W		
	35.59 Kg	49.83 Kg	55.67 Kg	80.88 Kg		
	3.90 l	10.00 l	7.80 l	14.31 l		
	n = 1.2749	n = 1.3206	n = 1.3329	n = 1.3326		

Design Flatfront Heat Outputs

EN442		75/65/20°C
EN442		70/55/20°C
EN442		55/45/20°C

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	200			300				400				500				600				900			
	22	33	44	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400	258	358	479	187	290	368	515	239	357	466	662	290	423	556	798	340	488	637	926	488	692	834	1259
	209	290	388	152	236	298	419	194	290	377	536	236	343	448	645	276	395	513	746	397	559	671	1015
	132	186	248	98	152	189	268	125	186	239	341	151	219	283	408	177	251	322	469	255	353	422	640
500	323	447	599	234	363	460	644	299	446	583	828	363	529	695	998	425	611	796	1158	611	866	1042	1574
	261	363	485	190	295	372	523	243	362	471	670	295	429	561	806	346	494	641	932	496	698	839	1269
	166	232	309	122	189	236	335	156	232	298	427	189	273	354	510	222	314	403	586	318	441	527	799
600	387	536	718	281	435	551	773	359	535	700	993	435	634	834	1198	510	733	955	1389	733	1039	1250	1889
	313	436	582	228	354	446	628	292	435	565	804	354	514	673	967	415	593	769	1119	596	838	1007	1523
	199	279	371	147	227	284	402	187	278	358	512	227	328	424	612	266	377	483	704	382	529	633	959
700	452	626	838	328	508	643	902	419	624	816	1159	508	740	973	1397	595	855	1114	1621	855	1212	1459	2204
	365	508	679	266	413	521	732	340	507	659	938	413	600	785	1129	484	692	897	1305	695	978	1175	1776
	232	325	433	171	265	331	469	218	325	418	597	265	383	495	714	310	440	564	821	446	617	738	1119
800	516	715	958	374	580	735	1030	478	714	933	1342	580	846	1112	1597	680	977	1274	1852	977	1385	1667	2518
	417	581	776	304	472	595	837	389	580	754	1073	472	686	897	1290	553	791	1025	1492	794	1117	1342	2030
	265	372	495	195	303	378	536	250	371	477	683	303	438	566	816	355	503	644	938	509	705	844	1279
900	581	805	1077	421	653	827	1159	538	803	1049	1490	653	951	1251	1796	765	1099	1433	2084	1099	1558	1876	2833
	470	653	873	343	531	669	942	438	652	848	1207	531	771	1009	1451	622	890	1153	1678	893	1257	1510	2284
	298	418	557	200	341	426	603	281	417	537	768	340	492	636	918	399	566	725	1056	573	794	949	1439
1000	645	894	1197	468	725	919	1288	598	892	1166	1655	725	1057	1390	1996	850	1221	1592	2315	1221	1731	2084	3148
	522	726	970	381	590	744	1046	486	724	942	1341	589	857	1121	1612	691	989	1282	1865	993	1397	1678	2538
	331	464	619	244	379	473	670	312	464	597	854	378	547	707	1020	443	629	805	1173	637	882	1055	1599
1100	710	983	1317	515	798	1011	1417	658	981	1283	1821	798	1163	1529	2196	935	1343	1751	2547	1343	1904	2292	3463
	574	798	1067	419	649	818	1151	535	797	1036	1475	648	943	1233	1773	760	1087	1410	2051	1092	1536	1846	2791
	364	511	681	269	417	520	737	343	510	656	939	416	602	778	1122	488	692	886	1290	700	970	1160	1759
1200	774	1073	1436	562	870	1103	1546	718	1070	1399	1986	870	1268	1668	2395	1020	1465	1910	2778	1465	2077	2501	3778
	626	871	1164	457	708	893	1256	583	869	1131	1609	707	1029	1345	1935	829	1186	1538	2238	1191	1676	2014	3045
	397	557	743	293	455	567	804	375	557	716	1024	454	656	848	1224	532	754	966	1407	764	1058	1266	1919
1400	903	1252	1676	655	1015	1287	1803	837	1249	1632	2317	1015	1480	1946	2794	1190	1709	2229	3241	1709	2423	2918	4407
	730	1016	1359	533	826	1041	1465	681	1014	1319	1877	825	1200	1569	2257	967	1384	1794	2611	1390	1955	2349	3553
	464	650	866	342	530	662	938	437	649	835	1195	530	766	990	1428	621	880	1127	1642	891	1234	1477	2238
1600	1032	1430	1915	749	1160	1470	2061	957	1427	1866	2648	1160	1691	2224	3194	1360	1954	2547	3704	1954	2770	3334	5037
	835	1161	1553	609	944	1190	1674	778	1159	1507	2145	943	1371	1794	2580	1106	1582	2051	2938	1588	2235	2685	4060
	530	743	990	391	605	757	1072	499	742	954	1366	605	875	1131	1632	710	1006	1288	1877	1019	1411	1688	2558
1800	1161	1609	2155	842	1305	1654	2318	1076	1606	2099	2979	1305	1903	2502	3593	1530	2198	2866	4167	2198	3166	3751	5666
	939	1307	1747	685	1062	1339	1883	875	1304	1696	2413	1061	1543	2018	2902	1244	1779	2307	3356	1787	2514	3021	4568
	596	836	1114	440	682	851	1206	562	835	1074	1536	681	984	1273	1836	798	1132	1449	2111	1146	1587	1899	2878
2000	1290	1788	2394	936	1450	1838	2576	1196	1784	2332	3310	1450	2114	2780	3992	1700	2442	3184	4630	2442	3462	4168	6296
	1044	1452	1941	761	1180	1488	2093	972	1449	1884	2681	1179	1714	2242	3225	1382	1977	2563	3729	1985	2793	3356	5075
	662	929	1238	489	758	946	1340	624	928	1193	1707	757	1094	1414	2041	887	1257	1610	2346	1273	1763	2110	3198
2200	1419	1967	2633	1030	1595	2022	2834	1316	1962	2562	3641	1595	2325	3058	4391	1870	2686	3502	5093	2686	3808	4585	6926
	1148	1597	2135	837	1297	1637	2302	1070	1594	2073	2949	1297	1886	2466	3547	1520	2175	2820	4102	2184	3073	3692	5583
	729	1022	1361	537	834	1040	1474	687	1020	1312	1878	832	1203	1556	2245	976	1383	1771	2580	1404	1940	2321	3517
2400	1548	2146	2873	1123	1740	2206	3091	1435	2141	2798	3972	1740	2537	3336	4790	2040	2930	3821	5556	2930	4154	5002	7555
	1252	1742	2329	913	1415	1785	2511	1167	1739	2261	3218	1415	2057	2691	3869	1659	2372	3076	4475	2382	3352	4027	6090
	795	1115	1485	586	909	1135	1609	749	1113	1432	2046	908	1313	1697	2449	1064	1509	1932	2815	1528	2116	2532	3837
2600*	1677	2324		1217	1885	2389	3349	1555	2319	3032	4303	1885	2748	3614	5190	2210	3175	4139	6019	3175	4501	5418	8185
	1357	1887		989	1533	1934	2720	1133	1664	2151	3086	1533	2229	2915	4192	1797	2570	3332	4848	2581	3631	4363	6598
	861	1208		635	985	1229	1743	811	1206	1551	2219	984	1422	1838	2653	1153	1634	2094	3049	1655	2292	2743	4157
2800*	1806	2503		1310	2030	2573	3606	1674	2498	3265	4634	2030	2960	3892	5589	2380	3419	4458	6482	3419	4847	5835	8814
	1461	2032		1066	1651	2083	2930	1361	2028	2638	3754	1651	2400	3139	4514	1935	2768	3589	5221	2779	3911	4699	7105
	927	1300		684	1061	1324	1877	874	1299	1670	2390	1059	1531	1980	2857	1242	1760	2355	3284	1783	2469	2954	4477
3000*	1935	2682		1404	2175	2757	3864	1794	2676	3498	4965	2175	3171	4170	5988	2550	3663	4776	6945	3663	5193	6252	9444
	1565	2178		1142	1769	2232	3139	1459	2173	2826	4022	1768	2571	3363	4837	2073	2966	3845	5594	2978	4190	5034	7613
	994	1393		733	1137	1419	2011	936	1392	1790	2561	1135	1641	2121	3061	1330	1886	2416	3519	1910	2645	3165	4796

* please check for pallet specification and loading conditions before ordering

Design Style Heat Outputs

EN442		75/65/20°C
EN442		70/55/20°C
EN442		55/45/20°C

	200			300				400				500				600				900			
	22	33	44	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400	258 209 132	358 290 186	479 388 248	187 152 98	290 236 152	368 298 189	515 419 268	239 194 125	357 290 186	466 377 239	662 536 341	290 236 151	423 343 219	556 448 283	798 645 408	340 276 177	488 395 251	637 513 322	926 746 469	488 397 255	692 559 353	834 671 422	1259 1015 640
500	323 261 166	447 363 232	599 485 309	234 190 122	363 295 189	460 372 236	644 523 335	299 243 156	446 362 232	583 471 298	828 670 427	363 295 189	529 429 273	695 561 354	998 806 510	425 346 222	611 494 314	796 641 403	1158 932 586	611 496 318	866 698 441	1042 839 527	1574 1269 799
600	387 313 199	536 436 279	718 582 371	281 228 147	435 354 227	551 446 284	773 628 402	359 292 187	535 435 278	700 565 358	993 804 512	435 354 227	634 514 328	834 673 424	1198 967 612	510 415 266	733 593 377	955 769 483	1389 1119 704	733 596 382	1039 838 529	1250 1007 633	1889 1523 959
700	452 365 232	626 508 325	838 679 433	328 266 171	508 413 265	643 521 331	902 732 469	419 340 218	624 507 325	816 659 418	1159 938 597	508 413 265	740 600 383	973 785 495	1397 1129 714	595 484 310	855 692 440	1114 897 564	1621 1305 821	855 695 446	1212 978 617	1459 1175 738	2204 1776 1119
800	516 417 265	715 581 372	958 776 495	374 304 195	580 472 303	735 595 378	1030 837 536	478 389 250	714 580 371	933 754 477	1342 1073 683	580 472 303	846 686 438	1112 897 566	1597 1290 816	680 553 355	977 791 503	1274 1025 644	1852 1492 938	977 794 509	1385 1117 705	1667 1342 844	2518 2030 1279
900	581 470 298	805 653 418	1077 873 557	421 343 200	653 531 341	827 669 426	1159 942 603	538 438 281	803 652 417	1049 848 537	1490 1207 768	653 531 340	951 771 492	1251 1009 636	1796 1451 918	765 622 399	1099 890 566	1433 1153 725	2084 1678 1056	1099 893 573	1558 1257 794	1876 1510 949	2833 2284 1439
1000	645 522 331	894 726 464	1197 970 619	468 381 244	725 590 379	919 744 473	1288 1046 670	598 486 312	892 724 464	1166 942 597	1655 1341 854	725 589 378	1057 857 547	1390 1121 707	1996 1612 1020	850 691 443	1221 989 629	1592 1282 805	2315 1865 1173	1221 993 637	1731 1397 882	2084 1678 1055	3148 2538 1599
1100	710 574 364	983 798 511	1317 1067 681	515 419 269	798 649 417	1011 818 520	1417 1151 737	658 535 343	981 797 510	1283 1036 656	1821 1475 939	798 648 416	1163 943 602	1529 1233 778	2196 1773 1122	935 760 488	1343 1087 692	1751 1410 886	2547 2051 1290	1343 1092 700	1904 1536 970	2292 1846 1160	3463 2791 1759
1200	774 626 397	1073 871 557	1436 1164 743	562 457 293	870 708 455	1103 893 567	1546 1256 804	718 583 375	1070 869 557	1399 1131 716	1986 1609 1024	870 707 454	1268 1029 656	1668 1345 848	2395 1935 1224	1020 829 532	1465 1186 754	1910 1538 966	2778 2238 1407	1465 1191 764	2077 1676 1058	2501 2014 1266	3778 3045 1919
1400	903 730 464	1252 1016 650	1676 1359 866	655 533 342	1015 826 530	1287 1041 662	1803 1465 938	837 681 437	1249 1014 649	1632 1319 835	2317 1877 1195	1015 825 530	1480 1200 766	1946 1569 990	2794 2257 1428	1190 967 621	1709 1384 880	2229 1794 1127	3241 2611 1642	1709 1390 891	2423 1955 1234	2918 2349 1477	4407 3553 2238
1600	1032 835 530	1430 1161 743	1915 1553 990	749 609 391	1160 944 606	1470 1190 757	2061 1674 1072	957 778 499	1427 1159 742	1866 1507 954	2648 2145 1366	1160 943 605	1691 1371 875	2224 1794 1131	3194 2580 1632	1360 1106 710	1954 1582 1006	2547 2051 1288	3704 2938 1877	1954 1588 1019	2770 2235 1411	3334 2685 1688	5037 4060 2558
1800	1161 939 596	1609 1307 836	2155 1747 1114	842 685 440	1305 1062 682	1654 1339 851	2318 1883 1206	1076 875 562	1606 1304 835	2099 1696 1074	2979 2413 1536	1305 1061 681	1903 1543 984	2502 2018 1273	3593 2902 1836	1530 1244 798	2198 1779 1132	2866 2307 1449	4167 3356 2111	2198 1787 1146	3166 2514 1587	3751 3021 1899	5666 4568 2878
2000	1290 1044 662	1788 1452 929	2394 1941 1238	936 761 489	1450 1180 758	1838 1488 946	2576 2093 1340	1196 972 624	1784 1449 928	2332 1884 1193	3310 2681 1707	1450 1179 757	2114 1714 1094	2780 2242 1414	3992 3225 2041	1700 1382 887	2442 1977 1257	3184 2563 1610	4630 3729 2346	2442 1985 1273	3462 2793 1763	4168 3356 2110	6296 5075 3198
2200	1419 1148 729	1967 1597 1022	2633 2135 1361	1030 837 537	1595 1297 834	2022 1637 1040	2834 2302 1474	1316 1070 687	1962 1594 1020	2562 2073 1312	3641 2949 1878	1595 1297 832	2325 1886 1203	3058 2466 1556	4391 3547 2245	1870 1520 976	2686 2175 1383	3502 2820 1771	5093 4102 2580	2686 2184 1404	3808 3073 1940	4585 3692 2321	6926 5583 3517
2400	1548 1252 795	2146 1742 1115	2873 2329 1485	1123 913 586	1740 1415 909	2206 1785 1135	3091 2511 1609	1435 1167 749	2141 1739 1113	2798 2261 1432	3972 3218 2046	1740 1415 908	2537 2057 1313	3336 2691 1697	4790 3869 2449	2040 1659 1064	2930 2372 1509	3821 3076 1932	5556 4475 2815	2930 2382 1528	4154 3352 2116	5002 4027 2532	7555 6090 3837
2600*	1677 1357 861	2324 1887 1208		1217 989 635	1885 1533 985	2389 1934 1229	3349 2720 1743	1555 1264 811	2319 1884 1206	3032 2449 1551	4303 3486 2219	1885 1533 984	2748 2229 1422	3614 2915 1838	5190 4192 2653	2210 1797 1153	3175 2570 1634	4139 3332 2094	6019 4848 3049	3175 2581 1655	4501 3631 2292	5418 4363 2743	8185 6598 4157
2800*	1806 1461 927	2503 2032 1300		1310 1066 684	2030 1651 1061	2573 2083 1324	3606 2930 1877	1674 1361 874	2498 2028 1299	3265 2638 1670	4634 3754 2390	2030 1651 1059	2960 2400 1531	3892 3139 1980	5589 4514 2857	2380 1935 1242	3419 2768 1760	4458 3589 2255	6482 5221 3284	3419 2779 1783	4847 3911 2469	5835 4699 2954	8814 7105 4477
3000*	1935 1565 994	2682 2178 1393		1404 1142 733	2175 1769 1137	2757 2232 1419	3864 3139 2011	1794 1459 936	2676 2173 1392	3498 2826 1790	4965 4022 2561	2175 1768 1135	3171 2571 1641	4170 3363 2121	5988 4837 3061	2550 2073 1330	3663 2966 1886	4776 3845 2416	6945 5594 3519	3663 2978 1910	5193 4190 2645	6252 5034 3165	9444 7613 4796

* please check for pallet specification and loading conditions before ordering

Vertical

14

Test Pressure **13** bar

Max Working Pressure **10** bar

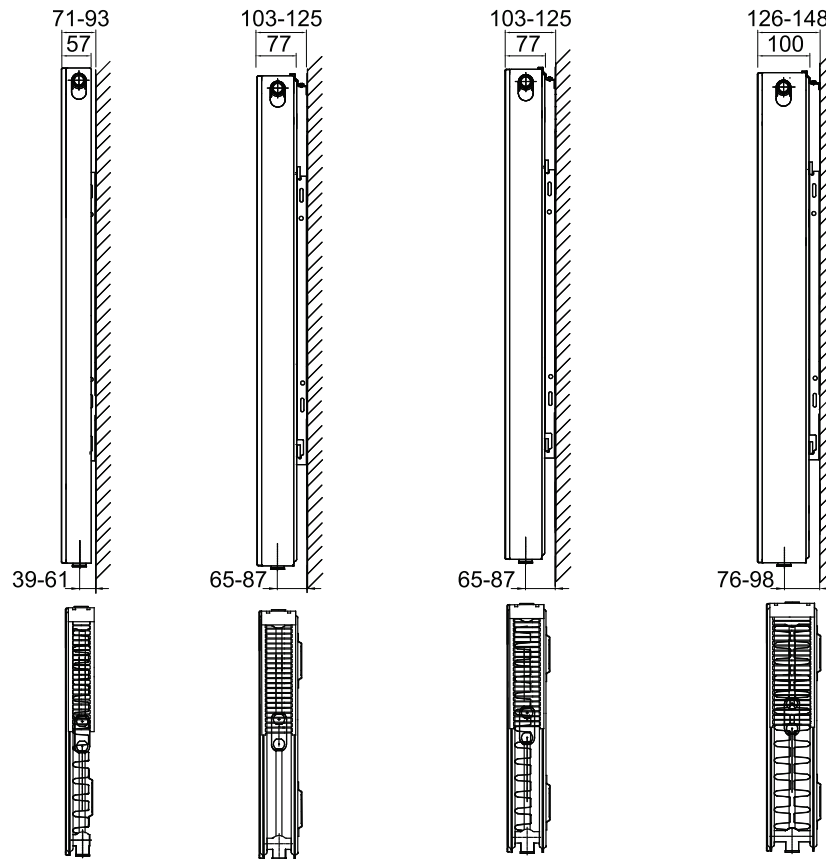
Max Water Temperature **110** °C

Warranty **10** year

Paint Finish **9016** RAL

No of Connections **4x G 1/2"**
2x G 3/4" **DIN**

- Vertical panel radiators with factory fitted top grilles and side panels
- Ideal for restricted spaces
- Centertap connections available as standard
- Provides hassle-free plumber friendly installation
- Comprehensive hardware pack including airvent&blind plugs, screws and screw caps
- „L” wall brackets providing mounting flexibility (other bracket options available on request)
- Robust packaging ensuring long-lasting protection during transport and on-site



Height mm	Type 11	Type 20	Type 21	Type 22
1600	2157 W	2592 W	3030 W	3600 W
	42.9 kg	63.3 kg	71.1 kg	80.7 kg
	7.2 l	14.4 l	14.1 l	14.1 l
	n = 1,33	n = 1,32	n = 1,32	n = 1,32
1800	2379 W	2865 W	3330 W	3960 W
	48.3 kg	71.1 kg	80.1 kg	88.8 kg
	8.4 l	16.2 l	16.5 l	16.2 l
	n = 1,33	n = 1,31	n = 1,32	n = 1,32
2000	2595 W	3120 W	3600 W	4290 W
	53.7 kg	78.6 kg	89.1 kg	96.6 kg
	9.3 l	18 l	18.6 l	18 l
	n = 1,32	n = 1,30	n = 1,32	n = 1,32
2200	2802 W	3390 W	3870 W	4620 W
	57.9 kg	87.6 kg	98.4 kg	108.9 kg
	10.2 l	20.1 l	20.1 l	20.1 l
	n = 1,32	n = 1,3	n = 1,33	n = 1,31

Design Vertical



16

Test Pressure **13** bar

Max Working Pressure **10** bar

Max Water Temperature **110** °C

Warranty **10** year

Paint Finish **9016** RAL

No of Connections **4x G 1/2"**
2x G 3/4" **DIN**

- Vertical panel radiators with factory fitted top grilles and side panels
- Contemporary fascia providing enhanced aesthetics
- Ideal for restricted spaces
- Centertap connections available as standard
- Provides hassle-free plumber friendly installation
- Comprehensive hardware pack including airvent&blind plugs, screws and screw caps
- „L” wall brackets providing mounting flexibility (other bracket options available on request)
- Robust packaging ensuring long-lasting protection during transport and on-site

Style Vertical



17

- Stylish vertical panel radiators providing solutions for restricted spaces
- Contemporary fascia for enhanced aesthetics
- Factory fitted top grills and side panels providing smooth finish
- Centertap connections available as standard
- Provides hassle-free plumber friendly installation
- Comprehensive hardware pack including airvent&blind plugs, screws and screw caps
- „L” wall brackets providing mounting flexibility (other bracket options available on request)
- Robust packaging ensuring long-lasting protection during transport and on-site

Test Pressure **13** bar

Max Working Pressure **10** bar

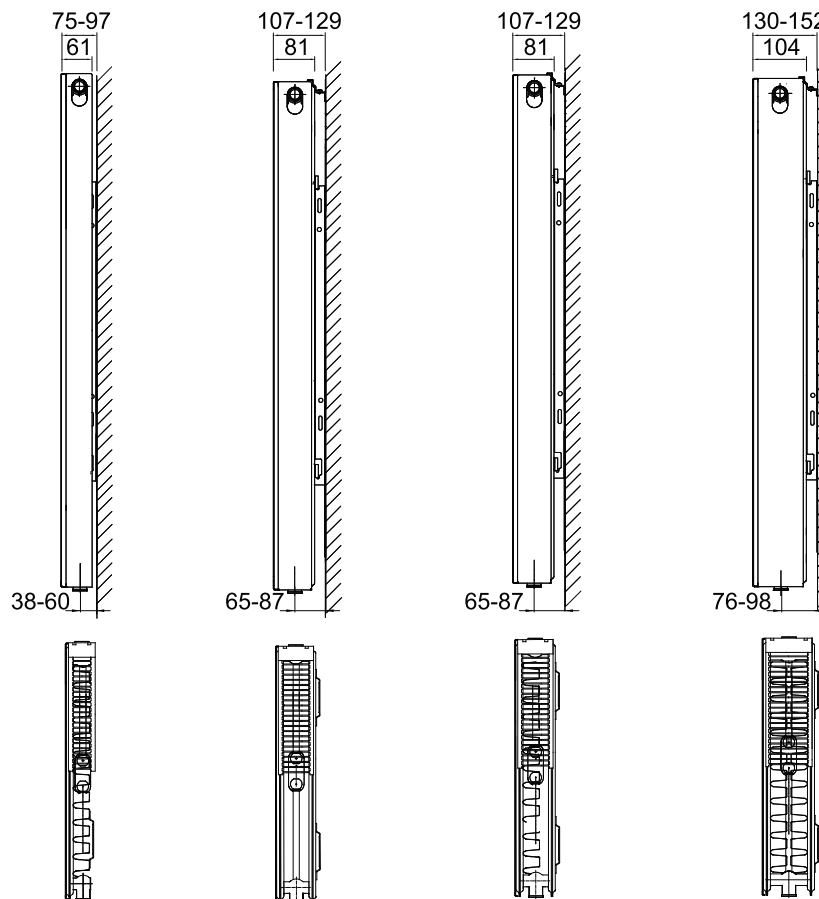
Max Water Temperature **110** °C

Warranty **10** year

Paint Finish **9016** RAL

No of Connections **4x G 1/2" 2x G 3/4" DIN**

Design Vertical Style Vertical



Height mm	Type 11	Type 20	Type 21	Type 22
1600	1,959 W	2,310 W	2,808 W	3,420 W
	56,10 kg	77,7 kg	85,80 kg	94,20 kg
	7,20 l	14,10 l	14,10 l	14,10 l
	n = 1,31	n = 1,27	n = 1,31	n = 1,32
1800	2,133 W	2,532 W	3,060 W	3,690 W
	63,00 kg	86,70 kg	96,00 kg	105,30 kg
	8,10 l	16,20 l	15,90 l	15,90 l
	n = 1,30	n = 1,27	n = 1,30	n = 1,33
2000	2,298 W	2,748 W	3,270 W	3,960 W
	69,60 kg	95,40 kg	106,20 kg	116,40 kg
	9,00 l	18,30 l	17,70 l	17,70 l
	n = 1,30	n = 1,27	n = 1,30	n = 1,33
2200	2,454 W	2,958 W	3,510 W	4,230 W
	75,60 kg	105,60 kg	116,40 kg	126,60 kg
	9,90 l	20,10 l	20,10 l	20,10 l
	n = 1,29	n = 1,27	n = 1,30	n = 1,33

Vertical / Design Vertical / Style Vertical Heat Outputs

EN442		75/65/20°C
EN442		70/55/20°C
EN442		55/45/20°C

Vertical

	1600				1800				2000				2200			
	11	20	21	22	11	20	21	22	11	20	21	22	11	20	21	22
300	647	778	909	1080	714	860	999	1188	779	936	1080	1287	841	1017	1161	1386
	521	627	733	871	575	694	805	958	627	757	870	1038	678	823	935	1119
	327	396	462	550	361	439	507	605	395	480	548	656	427	524	588	707
400	863	1037	1212	1440	952	1146	1332	1584	1038	1248	1440	1716	1121	1356	1548	1848
	694	837	977	1161	766	926	1074	1278	837	1009	1160	1385	904	1098	1247	1491
	436	528	616	733	482	586	676	806	527	640	730	874	570	698	784	942
500	1079	1296	1515	1800	1190	1433	1665	1980	1298	1560	1800	2145	1401	1695	1935	2310
	868	1046	1222	1452	958	1157	1342	1597	1046	1262	1450	1731	1130	1372	1558	1864
	545	660	771	916	602	732	846	1008	658	800	913	1093	712	873	980	1178
600	1294	1555	1818	2160	1427	1719	1998	2376	1557	1872	2160	2574	1681	2034	2322	2772
	1042	1255	1466	1742	1150	1389	1611	1917	1255	1514	1740	2077	1356	1647	1870	2237
	654	792	925	1099	723	879	1015	1210	790	960	1095	1311	855	1047	1176	1413
700	1510	1814	2121	2520	1665	2006	2331	2772	1817	2184	2520	3003	1961	2373	2709	3234
	1215	1464	1711	2033	1341	1620	1879	2236	1464	1766	2030	2423	1582	1921	2182	2610
	763	924	1079	1282	843	1025	1184	1411	922	1120	1278	1530	997	1222	1372	1649

Design Vertical / Style Vertical

	1600				1800				2000				2200			
	11	20	21	22	11	20	21	22	11	20	21	22	11	20	21	22
300	588	693	842	1017	640	760	918	1107	689	824	981	1188	736	887	1053	1269
	475	564	681	871	518	618	743	895	558	670	794	962	597	722	853	1029
	302	362	432	520	329	397	472	568	355	430	505	612	380	463	543	656
400	784	924	1123	1356	853	1013	1224	1476	919	1099	1308	1584	982	1183	1404	1692
	634	752	908	1095	691	824	990	1194	745	894	1059	1282	796	962	1137	1371
	402	483	576	693	439	529	629	757	474	574	673	815	507	618	724	874
500	980	1155	1404	1695	1067	1266	1530	1845	1149	1374	1635	1980	1227	1479	1755	2115
	792	940	1135	1369	863	1030	1238	1492	931	1117	1323	1603	994	1203	1431	1714
	503	604	720	866	549	661	786	946	592	717	841	1019	634	772	905	1093
600	1175	1386	1685	2034	1280	1519	1836	2214	1379	1649	1962	2376	1472	1775	2106	2538
	951	1127	1362	1643	1036	1236	1485	1790	1117	1341	1588	1924	1193	1443	1706	2057
	603	724	864	1039	658	794	943	1136	711	861	1010	1223	761	926	1086	1311
700	1371	1617	1966	2373	1493	1772	2142	2583	1609	1924	2289	2772	1718	2071	2457	2961
	1109	1315	1589	1917	1209	1442	1733	2089	1303	1564	1853	2244	1392	1684	1990	2400
	704	845	1008	1213	768	926	1100	1325	829	1004	1178	1427	887	1081	1267	1530



Range
Overview
Classic



Termolux VK



22

Test Pressure **13** bar

Max Working Pressure **10** bar

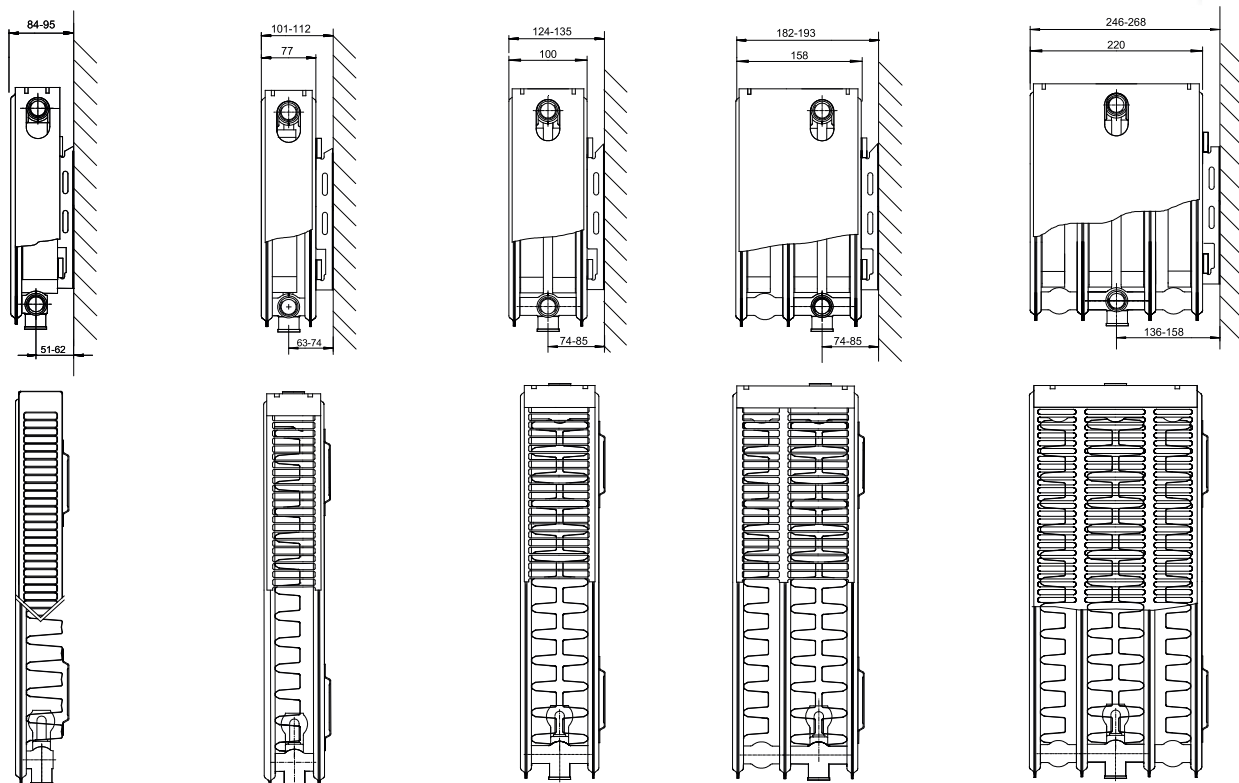
Max Water Temperature **110** °C

Warranty **10** year

Paint Finish **9016** RAL

No of Connections **6x G 1/2"** DIN

- 6-connection (DIN G1/2 " threads) panel radiators providing flexibility on installations
- Reduces material cost and installation time
- Enhanced user control and room comfort with use of thermostatic head
- Ideal for pipework coming in straight from the bottom of the radiator
- Bottom connections can be specified on the left or right-hand side
- Can be used with most thermostatic head brands
- Insert valve supplied fitted on the radiator upon request
- Can be supplied without lugs for reversibility (excluding type 10 & 11)



Height mm	Type 11	Type 21	Type 22	Type 33	Type 44	Side connections
200			685 W 10,46 kg 2,67 l n=1,2874	970 W 15,46 kg 4,00 l n=1,2845	1327 W 20,72 kg 5,20 l n=1,3223	150
300	536 W 9,14 Kg 1,87 l n = 1,2848	766 W 14,36 kg 3,50 l n = 1,3012	983 W 16,14 kg 3,60 l n = 1,3128	1398 W 23,96 kg 5,30 l n = 1,3029		250
400	705 W 11,87 kg 2,24 l n = 1,2883	977 W 18,82 kg 4,27 l n = 1,3074	1259 W 21,32 kg 4,37 l n = 1,3237	1791 W 31,48 kg 6,47 l n = 1,3099		350
500	864 W 14,58 kg 2,62 l n = 1,2919	1175 W 23,34 kg 5,03 l n = 1,3137	1444 W 26,78 kg 5,13 l n = 1,3347	2037 W 39,28 kg 7,63 l n = 1,3168		450
600	1014 W 17,32 kg 3,00 l n = 1,2954	1362 W 27,80 kg 5,80 l n = 1,3199	1747 W 32,05 kg 5,90 l n = 1,3456	2484 W 47,34 kg 8,80 l n = 1,3238		550
900	1402 W 25,38 kg 4,13 l n = 1,2951	1868 W 41,16 kg 7,70 l n=1,3369	2343 W 47,44 kg 7,90 l n = 1,3452	3316 W 70,03 kg 11,63 l n = 1,337		850

Termolux Classic



24

Test Pressure **13 bar**

Max Working Pressure **10 bar**

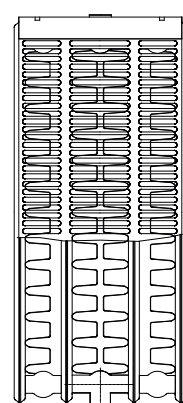
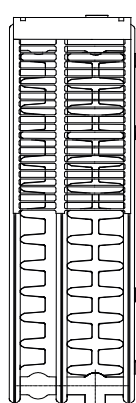
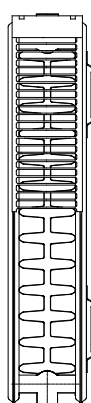
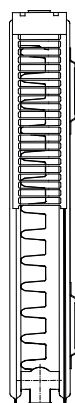
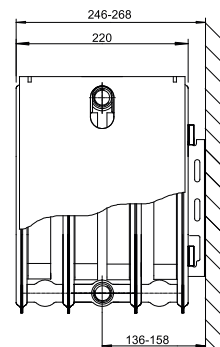
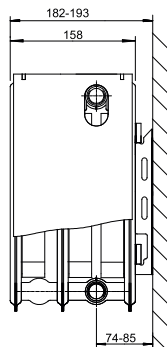
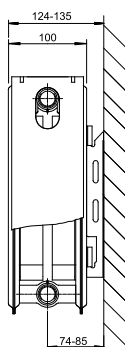
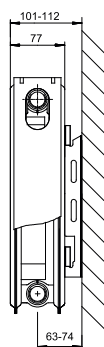
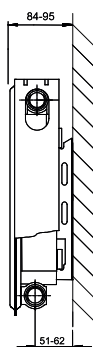
Max Water Temperature **110 °C**

Warranty **10 year**

Paint Finish **9016 RAL**

No of Connections **4x G 1/2" DIN**

- Stylish, efficient, durable steel panel radiators
- Factory fitted top grills and side panels providing elegant finish
- Wide range to suit all applications
- Modern 33.3 mm pitch water channel design
- Convectors welded on water channels providing high heat output
- 4 x DIN G1/2 connection threads
- Comprehensive hardware pack including airvent & blindplugs, screws and screw caps
- "L" wall brackets providing mounting flexibility
[Please contact the manufacturer for other bracket options]



Height mm

Type 11

Type 21

Type 22

Type 33

Type 44

Side connections

200

		685 W	970 W	1327 W
		10,46 kg	15,46 kg	20,72 kg
		2,67 l	4,00 l	5,20 l
		n=1,2874	n=1,2845	n=1,3223

150

300

536 W	766 W	983 W	1398 W	
9,14 Kg	14,36 kg	16,14 kg	23,96 kg	
1,87 l	3,50 l	3,60 l	5,30 l	
n = 1,2848	n = 1,3012	n = 1,3128	n = 1,3029	

250

400

705 W	977 W	1259 W	1791 W	
11,87 kg	18,82 kg	21,32 kg	31,48 kg	
2,24 l	4,27 l	4,37 l	6,47 l	
n = 1,2883	n = 1,3074	n = 1,3237	n = 1,3099	

350

500

864	1175 W	1444 W	2037 W	
14,58 kg	23,34 kg	26,78 kg	39,28 kg	
2,62 l	5,03 l	5,13 l	7,63 l	
n = 1,2919	n = 1,3137	n = 1,3347	n = 1,3168	

450

600

1018 W	1362 W	1747 W	2484 W	
17,32 kg	27,80 kg	32,05 kg	47,34 kg	
3,00 l	5,80 l	5,90 l	8,80 l	
n = 1,2954	n = 1,3199	n = 1,3456	n = 1,3238	

550

900

1402 W	1868 W	2343 W	3316 W	
25,38 kg	41,16 kg	47,44 kg	70,03 kg	
4,13 l	7,70 l	7,90 l	11,63 l	
n = 1,2981	n=1,3369	n = 1,3452	n = 1,337	

850

Termolux Classic / Termolux VK

Heat Outputs

EN442 75/65/20°C

EN442 70/55/20°C

EN442 55/45/20°C

26

	200			300				400				500				600				900			
	22	33	44	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33	11	21	22	33
400	274	388	531	214	306	393	559	282	391	504	716	346	470	605	861	406	545	699	994	561	747	937	1326
	222	315	428	174	248	318	452	229	316	406	579	280	380	487	695	329	440	562	801	454	601	753	1067
	141	201	270	111	158	201	287	146	200	256	367	179	240	306	440	209	278	351	505	289	377	471	670
500	343	485	664	268	383	492	699	353	489	630	896	432	588	757	1077	507	681	874	1242	701	934	1172	1658
	277	394	535	217	310	397	566	286	395	508	724	350	475	609	869	411	550	702	1002	568	752	941	1334
	177	252	338	139	197	251	359	183	251	320	459	223	300	383	549	262	347	439	632	361	472	589	837
600	411	582	796	322	460	590	839	423	586	755	1075	518	705	908	1292	608	817	1048	1490	841	1121	1406	1990
	333	472	642	261	372	476	679	343	474	609	869	420	569	731	1043	493	659	842	1202	681	902	1130	1601
	212	302	405	167	236	302	431	219	301	384	550	268	360	459	659	314	416	527	758	433	566	707	1005
700	480	679	929	375	536	688	979	494	684	881	1254	605	823	1059	1507	710	953	1223	1739	981	1308	1640	2321
	388	551	749	304	434	556	792	400	553	711	1013	490	664	853	1217	575	769	983	1402	795	1052	1318	1868
	247	352	473	195	276	352	503	256	351	448	642	313	420	536	769	366	486	615	884	506	661	825	1172
800	548	776	1062	429	613	786	1118	564	782	1007	1433	691	940	1210	1722	811	1090	1398	1987	1122	1494	1874	2653
	444	630	856	348	496	635	905	457	632	812	1158	560	759	974	1391	657	879	1123	1603	908	1203	1506	2135
	282	403	540	222	315	402	575	292	401	512	734	357	480	612	879	419	555	703	1011	578	755	943	1340
900	617	873	1194	482	689	885	1258	635	879	1133	1612	778	1058	1362	1938	913	1226	1572	2236	1262	1681	2109	2984
	499	709	963	391	558	715	1018	515	711	914	1303	630	854	1096	1564	739	989	1263	1803	1022	1353	1695	2402
	318	453	608	250	355	452	647	329	451	576	826	402	541	689	989	471	625	791	1137	650	849	1061	1507
1000	685	970	1327	536	766	983	1398	705	977	1259	1791	864	1175	1513	2153	1014	1362	1747	2484	1402	1868	2343	3316
	555	787	1070	435	620	794	1131	572	790	1015	1448	700	949	1218	1738	821	1099	1404	2003	1135	1503	1883	2668
	353	503	675	278	394	503	719	365	501	640	917	447	601	765	1099	523	694	879	1263	722	944	1179	1675
1100	754	1067	1460	590	843	1081	1538	776	1075	1385	1970	950	1293	1664	2368	1115	1498	1922	2732	1542	2055	2577	3648
	610	866	1177	478	682	874	1244	629	869	1117	1592	770	1044	1340	1912	904	1209	1544	2203	1249	1654	2071	2935
	388	554	743	306	433	553	790	402	551	704	1009	491	661	842	1209	576	763	966	1390	795	1038	1296	1842
1200	822	1164	1592	643	919	1180	1678	846	1172	1511	2149	1037	1410	1816	2584	1217	1634	2096	2981	1682	2242	2812	3979
	666	945	1284	522	744	953	1357	686	948	1218	1737	840	1139	1462	2086	986	1319	1685	2404	1362	1804	2259	3202
	424	604	810	334	473	603	862	438	601	768	1101	536	721	918	1319	628	833	1054	1516	867	1132	1414	2010
1400	959	1358	1858	750	1072	1376	1957	987	1368	1763	2507	1210	1645	2118	3014	1420	1907	2446	3478	1963	2615	3280	4642
	777	1102	1498	609	868	1112	1584	801	1106	1421	2027	981	1329	1705	2433	1150	1539	1965	2804	1589	2104	2636	3736
	494	705	945	389	552	704	1006	511	701	896	1284	625	841	1071	1538	732	972	1230	1768	1011	1321	1650	2345
1600	1096	1552	2123	858	1226	1573	2237	1128	1563	2014	2866	1382	1880	2421	3445	1622	2179	2795	3974	2243	2989	3749	5306
	888	1260	1712	696	992	1271	1810	915	1264	1624	2316	1121	1519	1949	2781	1314	1758	2246	3205	1817	2405	3013	4269
	565	805	1080	445	630	804	1150	584	802	1024	1468	715	961	1224	1758	837	1110	1406	2021	1156	1510	1886	2680
1800	1233	1746	2389	965	1379	1769	2516	1269	1759	2266	3224	1555	2115	2723	3875	1825	2452	3145	4471	2524	3362	4217	5969
	999	1417	1926	783	1116	1429	2036	1029	1422	1828	2606	1261	1708	2192	3129	1479	1978	2527	3606	2044	2706	3389	4803
	636	906	1215	501	709	905	1293	657	902	1152	1651	804	1081	1377	1978	942	1249	1581	2274	1300	1698	2121	3015
2000	1370	1940	2654	1072	1532	1966	2796	1410	1954	2518	3582	1728	2350	3026	4306	2028	2724	3494	4968	2804	3736	4686	6632
	1110	1574	2140	870	1240	1588	2262	1144	1580	2031	2895	1401	1898	2436	3476	1643	2198	2808	4006	2271	3006	3766	5337
	706	1007	1350	556	788	1005	143	730	1002	1281	1835	893	1201	1530	2198	1046	1388	1757	2526	1445	1887	2357	3350
2200	1507	2134	2919	1179	1685	2163	3076	1551	2149	2770	3940	1901	2585	3329	4737	2231	2996	3843	5465	3084	4110	5155	7295
	1221	1732	2354	957	1364	1747	2489	1258	1738	2234	3185	1541	2088	2680	3824	1807	2418	3088	4407	2498	3307	4142	5870
	777	1107	1485	612	867	1106	1581	803	1102	1409	2018	982	1321	1683	2417	1151	1527	1933	2779	1589	2076	2593	3685
2400	1644	2328	3185	1286	1838	2359	3355	1692	2345	3022	4298	2074	2820	3631	5167	2434	3269	4193	5962	3365	4483	5623	7958
	1331	1889	2568	1044	1488	1906	2715	1372	1896	2437	3474	1681	2278	2923	4172	1972	2638	3369	4808	2725	3608	4519	6404
	847	1208	1620	667	946	1206	1725	876	1202	1537	2201	1072	1441	1836	2637	1256	1666	2109	3032	1734	2265	2828	4020
2600*	1781	2522	3450	1394	1992	2556	3635	1833	2540	3273	4657	2246	3055	3934	5598	2636	3541	4542	6458	3645	4857	6092	8622
	1442	2047	2782	1131	1612	2065	2941	1487	2054	2640	3764	1821	2468	3167	4519	2136	2858	3650	5208	2952	3908	4896	6938
	918	1309	1755	723	1025	1307	1868	949	1303	1665	2385	1161	1562	1989	2857	1360	1804	2284	3284	1878	2453	3064	4355
2800*	1918	2716	3716	1501	2145	2752	3914	1974	2736	3525	5015	2419	3290	4236	6028	2839	3814	4892	6955	3926	5230	6560	9285
	1553	2204	2996	1218	1736	2224	3167	1601	2212	2843	4053	1961	2658	3410	4867	2300	3077	3931	5609	3179	4209	5272	7471
	989	1409	1890	779	1103	1408	2012	1022	1403	1793	2568	1250	1682	2142	3077	1465	1943	2460	3537	2023	2642	3300	4690
3000*	2055	2910	3981	1608	2298	2949	4194	2115	2931	3777	5373	2592	3525	4539	6459	3042	4086	5241	7452	4206	5604	7029	9948
	1664	2362	3210	1305	1860	2382	3394	1715	2370	3046	4343	2101	2847	3654	5215	2464	3297	4212	6009	3406	4510	5649	8005
	1059	1510	2025	834	1182	1508	2156	1095	1503	1921	2752	1340	1802	2295	3296	1570	2082	2636	3790	2167	2831	3536	5025

* please check for pallet specification and loading conditions before ordering

Termolux Reno

Heat Outputs

EN442		75/65/20°C
EN442		70/55/20°C
EN442		55/45/20°C

	550		
	21	22	33
400	508 410 259	653 525 329	929 749 473
500	635 512 323	816 656 412	1161 937 591
600	761 614 388	979 788 494	1393 1124 710
700	888 717 453	1142 919 576	1625 1312 828
800	1015 819 517	1306 1050 658	1858 1499 946
900	1142 922 582	1469 1181 741	2090 1686 1065
1000	1269 1024 647	1632 1313 823	2322 1874 1183
1100	1396 1126 711	1795 1444 905	2554 2061 1301
1200	1523 1229 776	1958 1575 988	2786 2248 1420
1400	1777 1434 905	2285 1838 1152	3251 2623 1656
1600	2030 1638 1035	2611 2100 1317	3715 2998 1893
1800	2284 1843 1164	2938 2363 1482	4180 3372 2129
2000	2538 2048 1293	3264 2625 1646	4644 3747 2366
2200	2792 2253 1422	3590 2888 1811	5108 4122 2602
2400	3046 2458 1552	3917 3150 1975	5573 4497 2839
2600*	3299 2662 1681	4243 3413 2140	6037 4871 3076
2800*	3553 2867 1810	4570 3675 2305	6502 5246 3312
3000*	3807 3072 1940	4896 3938 2469	6966 5621 3549

* please check for pallet specification and loading conditions before ordering

Termolux Reno



28

Test Pressure **13** bar

Max Working Pressure **10** bar

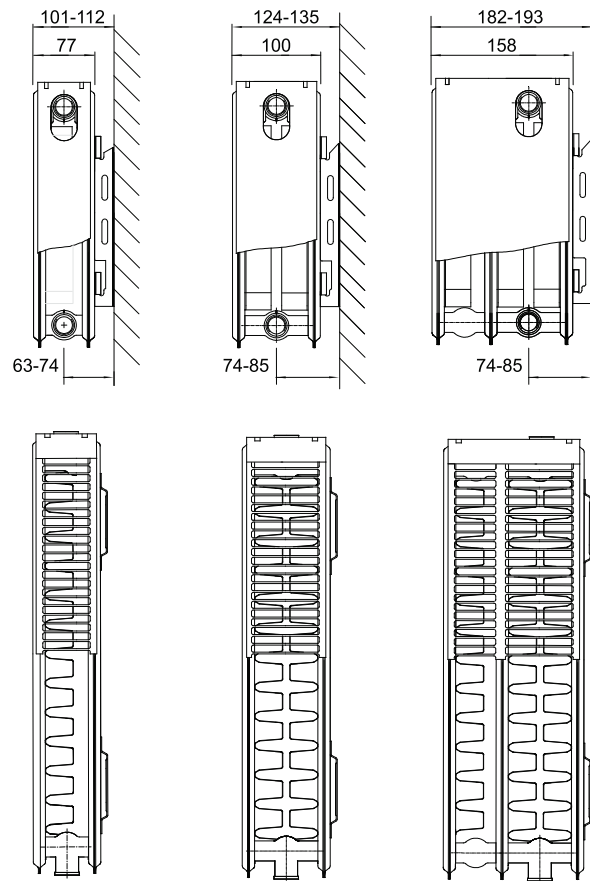
Max Water Temperature **110** °C

Warranty **10** year

Paint Finish **9016** RAL

No of Connections **4x G 1/2"** DIN

- Stylish, efficient, durable steel panel radiators. Ideal for replacing old cast iron radiators without changing the pipework
- Factory fitted top grills and side panels providing elegant finish
- Wide range to suit all applications
- Modern 33.3 mm pitch water channel design
- Convector welded on water channels providing high heat output
- 4 x DiN G1/2 connection threads
- Comprehensive hardware pack including airvent & blind plugs, screws and screw caps
- „L” wall brackets providing mounting flexibility
[Please contact the manufacturer for other bracket options]



Height mm

550

Type 21

Type 22

Type 33

Side connections

500

1269 W	1632 W	2322 W
25.91 Kg	29.32 Kg	43.20 Kg
5.42 l	5.52 l	8.22 l
n = 1.32	n = 1.34	n = 1.32

Termolux Hygiene/ Hygiene VK



30

Test Pressure **13** bar

Max Working Pressure **10** bar

Max Water Temperature **110** °C

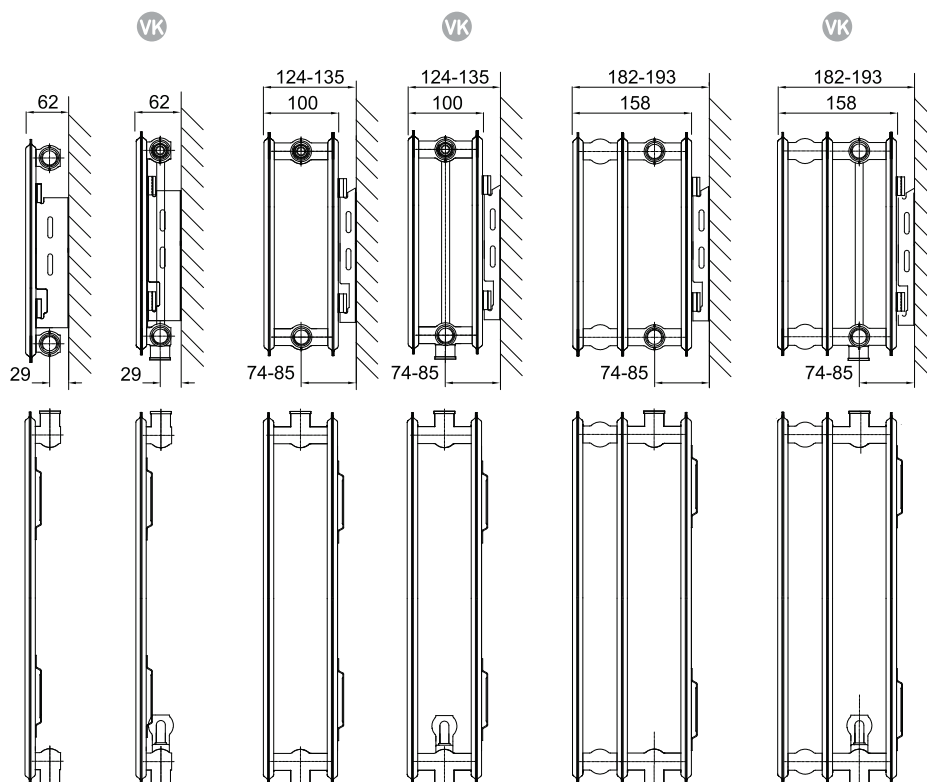
Warranty **10** year

Paint Finish **9016** RAL

No of Connections Hygiene VK **DIN**
6x G 1/2"

No of Connections Hygiene **DIN**
4x G 1/2"

- Hygiene steel panel radiators ideal for rooms with increased hygiene requirements
- Wide range to suit all applications
- Modern 33.3 mm pitch water channel design
- Convector welded on water channels providing high heat output
- 4 x DiN G1/2 connection threads
- Comprehensive hardware pack including airvent & blind plugs, screws and screw caps
- „L” wall brackets providing mounting flexibility
[Please contact the manufacturer for other bracket options]



Height mm	Type 10	Type 20	Type 30	Side connections
300	334 W	620 W	838 W	250
	7,02 kg	12,31 kg	17,69 kg	
	1,80 l	3,50 l	4,80 l	
	n=1,3095	n=1,29	n=1,2994	
400	421 W	769 W	1040 W	350
	9,07 kg	16,05 kg	23,59 kg	
	2,17 l	4,27 l	6,38 l	
	n=1,3131	n=1,2957	n=1,2975	
500	505 W	913 W	1234 W	450
	10,97 kg	19,80 kg	29,49 kg	
	2,53 l	5,03 l	7,97 l	
	n=1,3167	n= 1,3015	n=1,2954	
600	587 W	1054 W	1422 W	550
	13,18 kg	24,51 kg	35,00 kg	
	2,90 l	5,80 l	9,55 l	
	n=1,3203	n=1,3072	n= 1,2938	
900	828 W	1475 W	2039 W	850
	19,44 kg	33,81 kg	52,67 kg	
	4,00 l	7,80 l	14,35 l	
	n=1,3308	n=1,323	n=1,3132	

Termolux Hygiene / Termolux Hygiene VK

Heat Outputs

EN442 75/65/20°C

EN442 70/55/20°C

EN442 55/45/20°C

32

	300			400			500			600			900		
	10	20	30	10	20	30	10	20	30	10	20	30	10	20	30
400	134 108 68	248 201 128	335 271 172	168 136 86	308 249 159	416 337 214	202 163 103	365 296 188	494 400 255	235 190 120	422 341 216	569 461 294	331 267 168	590 476 300	789 638 404
500	167 135 86	310 252 161	419 339 216	211 170 108	385 312 199	520 421 268	253 204 129	457 370 235	617 500 319	294 237 150	527 426 271	711 576 363	414 334 210	738 595 375	987 797 505
600	200 162 103	372 302 193	503 407 259	253 204 129	461 374 238	624 505 322	303 245 155	548 443 282	740 600 382	352 284 179	632 511 325	853 691 440	497 400 252	885 714 450	1184 956 605
700	234 189 120	434 352 225	587 475 302	295 238 151	538 436 278	728 589 375	354 286 181	639 517 329	864 700 446	411 332 209	738 596 379	995 806 514	580 467 294	1033 833 525	1381 1116 706
800	267 216 137	496 402 257	670 542 345	337 272 172	615 498 318	832 674 429	404 326 206	730 591 376	987 800 510	470 379 239	843 682 433	1138 922 587	662 534 336	1180 952 600	1578 1275 807
900	301 243 154	558 453 289	754 610 388	379 306 194	692 561 357	936 758 482	455 367 232	822 665 423	1111 900 573	528 427 269	949 767 487	1280 1037 661	745 600 378	1328 1071 675	1776 1435 908
1000	334 270 171	620 503 321	838 678 431	421 340 215	769 623 397	1040 842 536	505 408 258	913 739 470	1234 1000 637	587 474 299	1054 852 541	1422 1152 734	828 667 420	1475 1190 750	1973 1594 1009
1100	367 297 188	682 553 353	922 746 474	463 374 237	846 685 437	1144 926 590	556 449 284	1004 813 517	1357 1100 701	646 521 329	1159 937 595	1564 1267 807	911 734 462	1623 1309 825	2170 1753 1110
1200	401 324 205	744 604 385	1006 814 517	505 408 258	923 748 476	1248 1010 643	606 490 310	1096 887 564	1481 1200 764	704 569 359	1265 1022 649	1706 1382 881	964 800 504	1770 1428 900	2368 1913 1211
1400	468 378 239	868 704 449	1173 949 603	589 476 301	1077 872 556	1456 1179 750	707 571 361	1278 1035 658	1728 1400 892	822 664 419	1476 1193 757	1991 1613 1028	1159 934 588	2065 1666 1050	2762 2232 1413
1600	534 432 274	992 805 514	1341 1085 690	674 544 344	1230 997 635	1664 1347 858	808 653 413	1461 1182 752	1974 1600 1019	939 758 478	1686 1363 866	2275 1843 1174	1325 1067 672	2360 1904 1200	3157 2550 1614
1800	601 486 308	1116 905 578	1508 1220 776	758 612 387	1384 1121 715	1872 1516 965	909 734 464	1643 1330 846	2221 1800 1147	1057 853 538	1897 1534 974	2560 2074 1321	1490 1201 756	2655 2142 1350	3551 2869 1816
2000	668 540 342	1240 1006 642	1676 1356 862	842 680 430	1538 1246 794	2080 1684 1072	1010 816 516	1826 1478 940	2468 2000 1274	1174 948 598	2108 1704 1082	2844 2304 1468	1656 1334 840	2950 2380 1500	3946 3188 2018
2200	735 594 376	1364 1107 706	1844 1492 948	926 748 473	1692 1371 873	2288 1852 1179	1111 898 568	2009 1626 1034	2715 2200 1401	1291 1043 658	2319 1874 1190	3128 2534 1615	1822 1467 924	3245 2618 1650	4341 3507 2220
2400	802 648 410	1488 1207 770	2011 1627 1034	1010 816 516	1846 1495 953	2496 2021 1286	1212 979 619	2191 1774 1128	2962 2400 1529	1409 1138 718	2530 2045 1298	3413 2765 1762	1987 1601 1008	3540 2856 1800	4735 3826 2422
2600*	868 702 445	1612 1308 835	2179 1763 1121	1095 884 559	1999 1620 1032	2704 2189 1394	1313 1061 671	2374 1921 1222	3208 2600 1656	1526 1232 777	2740 2215 1407	3697 2995 1908	2153 1734 1092	3835 3094 1950	5130 4144 2623
2800*	935 756 479	1736 1408 899	2346 1898 1207	1179 952 602	2153 1744 1112	2912 2358 1501	1414 1142 722	2556 2069 1316	3455 2800 1784	1644 1327 837	2951 2386 1515	3982 3226 2055	2318 1868 1176	4130 3332 2100	5524 4463 2825
3000*	1002 810 513	1860 1509 963	2514 2034 1293	1263 1020 645	2307 1869 1191	3120 2526 1608	1515 1224 774	2739 2217 1410	3702 3000 1911	1761 1422 897	3162 2556 1623	4266 3456 2202	2484 2001 1260	4425 3570 2250	5919 4782 3027

* please check for pallet specification and loading conditions before ordering



Termoline



34

Test Pressure **13** bar

Max Working Pressure **10** bar

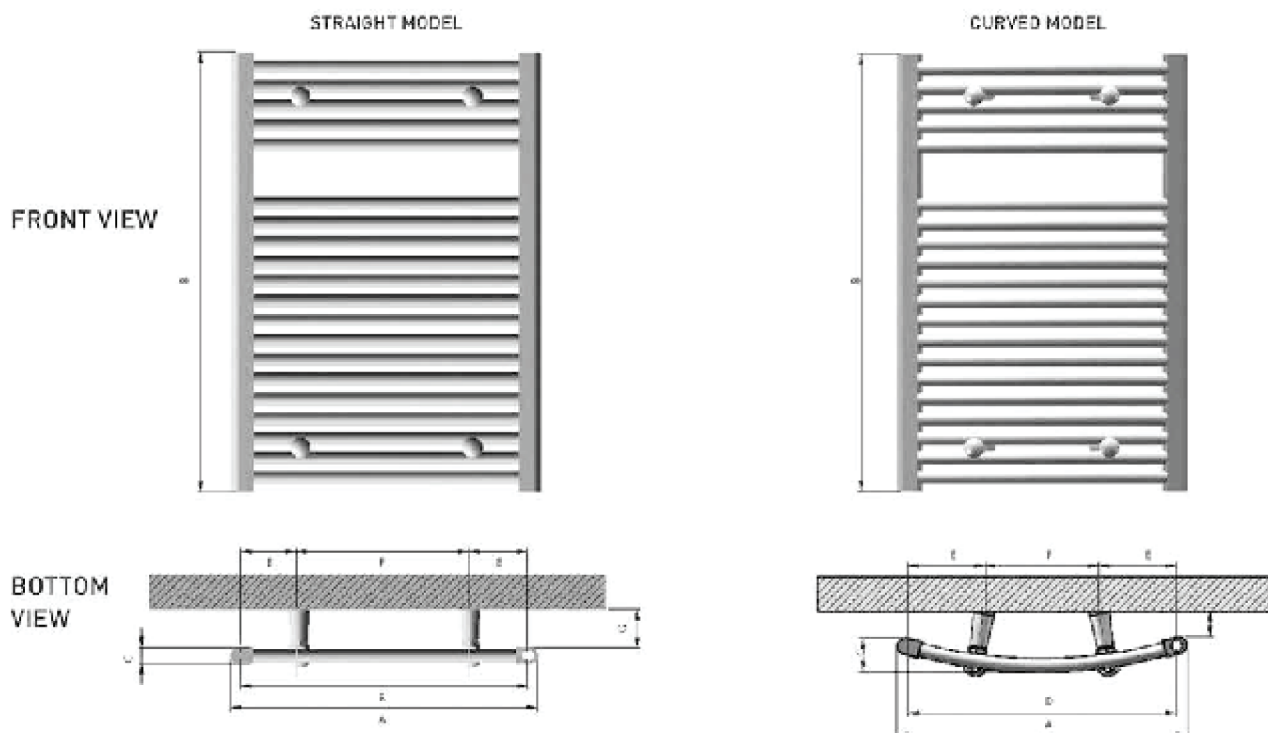
Max Water Temperature **110** °C

Warranty **15** year

Paint Finish **9016** RAL

No of Connections **4x G 1/2"** DIN

- Elegant, efficient and durable tubular radiators
- Slim product design providing solutions in space restricted areas, such as bathrooms and kitchens
- Increased paint thickness for longer product life in bathrooms
- Wide range of straight and curved models providing flexibility in sizing
- White (RAL 9016) and chrome finish available as standard
- Comprehensive hardware pack including airvent & blind plugs, screws and screw caps
- Specially designed wall brackets providing hassle-free mounting
- Robust packaging ensuring long-lasting protection during transport and on-site
- Accessories available upon request



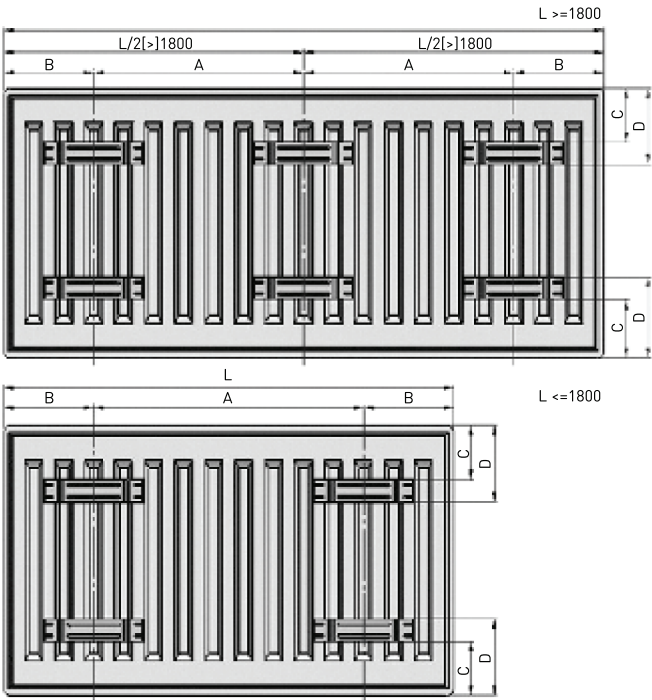
Straight

Type	A Width (mm)	B Height (mm)	C Depth (mm)	Installation positions				Inlet Distan- ce (mm)	Num- ber of pipes (n)	Weight (kg)	Water capa- city (l)	Heat output @ 75/65/20°C	
				D (mm)	E (mm)	F (mm)	G (mm)					White RAL 9016	Chrome
4/7	420	700	30	376	70	240	65-75	375	15	4,5	3,00	313	211
4/9	420	900	30	376	70	240	65-75	375	18	5,7	3,79	375	252
4/12	420	1200	30	376	70	240	65-75	375	25	7,6	5,10	494	328
5/7	500	764	30	456	70	320	65-75	455	16	5,5	3,59	373	251
6/7	600	764	30	556	70	420	65-75	555	16	6,3	4,07	438	294
7/7	750	764	30	706	70	570	65-75	705	16	7,5	4,80	533	356
5/11	500	1172	30	456	70	320	65-75	455	24	8,4	5,57	563	373
6/11	600	1172	30	556	70	420	65-75	555	24	9,6	6,31	662	436
7/11	750	1172	30	706	70	570	65-75	705	24	11,4	7,42	806	528
5/17	500	1750	30	456	70	320	65-75	455	36	12,0	8,10	821	541
6/17	600	1750	30	556	70	420	65-75	555	36	13,5	9,22	964	632
7/17	750	1750	30	706	70	570	65-75	705	36	15,6	10,90	1174	766

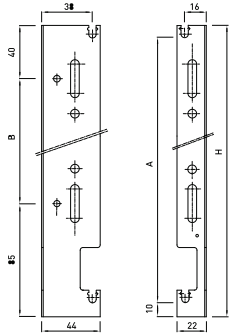
Curved

4/7	418	700	42	374	110	160	40-45	373	15	4,5	3,00	313	211
4/9	418	900	42	374	110	160	40-45	373	18	5,7	3,79	375	252
4/12	418	1200	42	374	110	160	40-45	373	25	7,6	5,10	494	328
5/7	500	764	60	452	110	240	40-45	455	16	5,5	3,59	373	251
6/7	600	764	60	551	110	340	40-45	555	16	6,3	4,07	438	294
7/7	750	764	60	703	110	490	40-45	705	16	7,5	4,80	533	356
5/11	500	1172	60	452	110	240	40-45	455	24	8,4	5,57	563	373
6/11	600	1172	60	551	110	340	40-45	555	24	9,6	6,31	662	436
7/11	750	1172	60	703	110	490	40-45	705	24	11,4	7,42	806	528
5/17	500	1750	60	452	110	240	40-45	455	36	12,0	8,10	821	541
6/17	600	1750	60	551	110	340	40-45	555	36	13,5	9,22	964	632
7/17	750	1750	60	701	110	490	40-45	705	36	15,6	10,90	1174	766

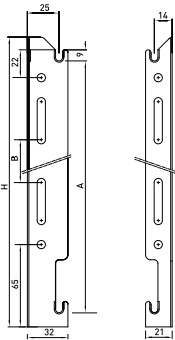
Wall hanger dimensions horizontal radiators



type 10



all types excluding type 10



Dimensions

L (mm)	A (mm)		B (mm)		C (mm)	D (mm)
	type 11	type 10, 20 21, 22, 33	type 11	type 10, 20 21, 22, 33		
400	166	134	117	133	60	85
500	200	234	150	133	60	85
600	300	334	150	133	60	85
700	400	434	150	133	60	85
800	500	534	150	133	60	85
900	600	634	150	133	60	85
1000	700	734	150	133	60	85
1100	800	834	150	133	60	85
1200	900	934	150	133	60	85
1400	1100	1134	150	133	60	85
1600	1300	1334	150	133	60	85
1800	767	767	150	133	60	85
2000	867	867	150	133	60	85
2200	967	967	150	133	60	85
2400	1067	1067	150	133	60	85
2600	1167	1167	150	133	60	85
2700	1217	1217	150	133	60	85
2800	1267	1267	150	133	60	85
3000	1367	1367	150	133	60	85

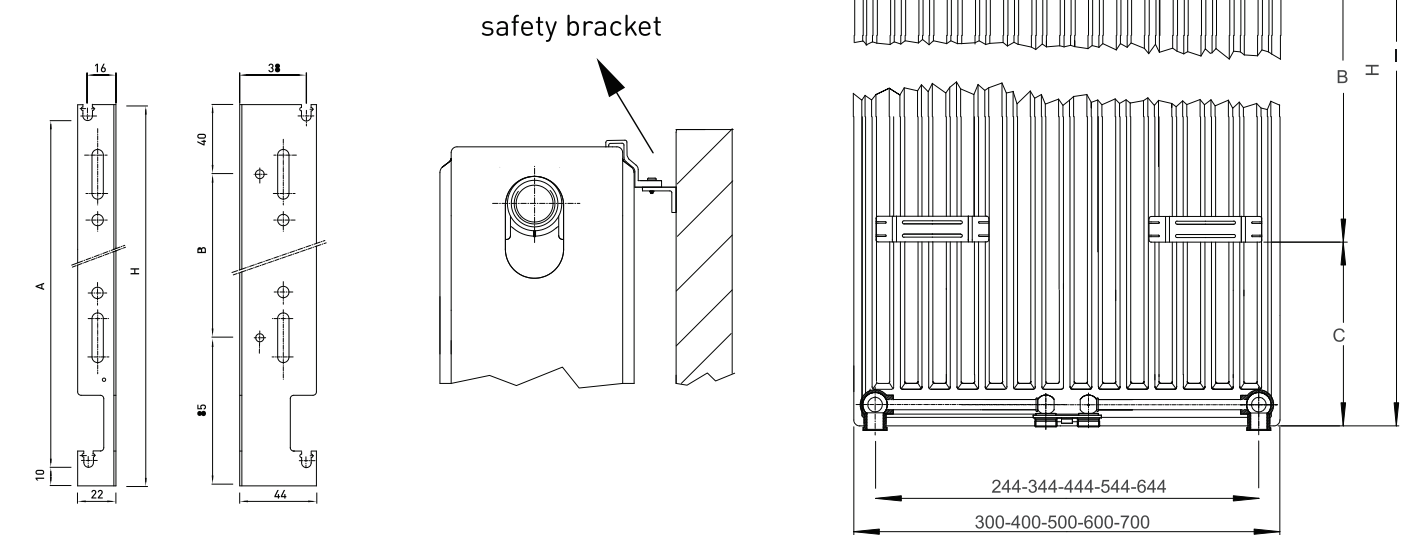
type 10

height (mm)	H	A	B
300	175	155	50
400	275	255	150
500	375	355	250
600	475	455	350
700	575	555	450
900	775	755	650

all types
excluding
type 10

height (mm)	H	A	B
300	185	155	-
400	285	255	90
500	385	355	190
600	485	455	290
700	585	555	390
900	785	755	590

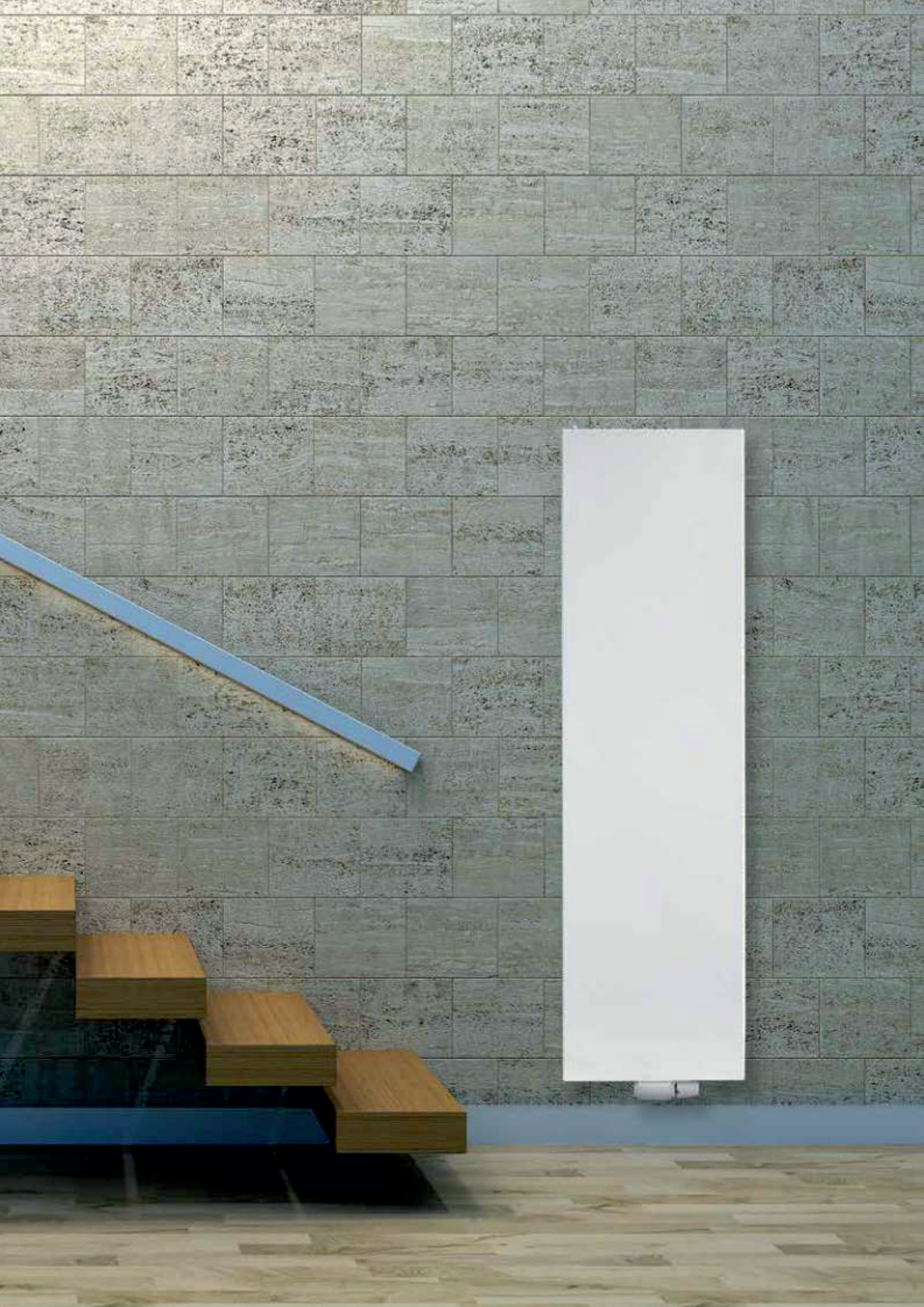
Wall hanger dimensions vertical radiators



Dimensions

H (mm)	A (mm)		B (mm)	C (mm)
	type 11	type 21, 22	type 11, 21, 22	type 11, 21, 22
1600	84	100	1067	254
1800	84	100	1067	354
2000	84	100	1067	454
2200	84	100	1067	554

width		300	400	500	600	700
E (mm)	type 11	132	232	332	432	532
	type 21, 22	100	200	300	400	500



Radiator capacity factors at different room and water temperatures

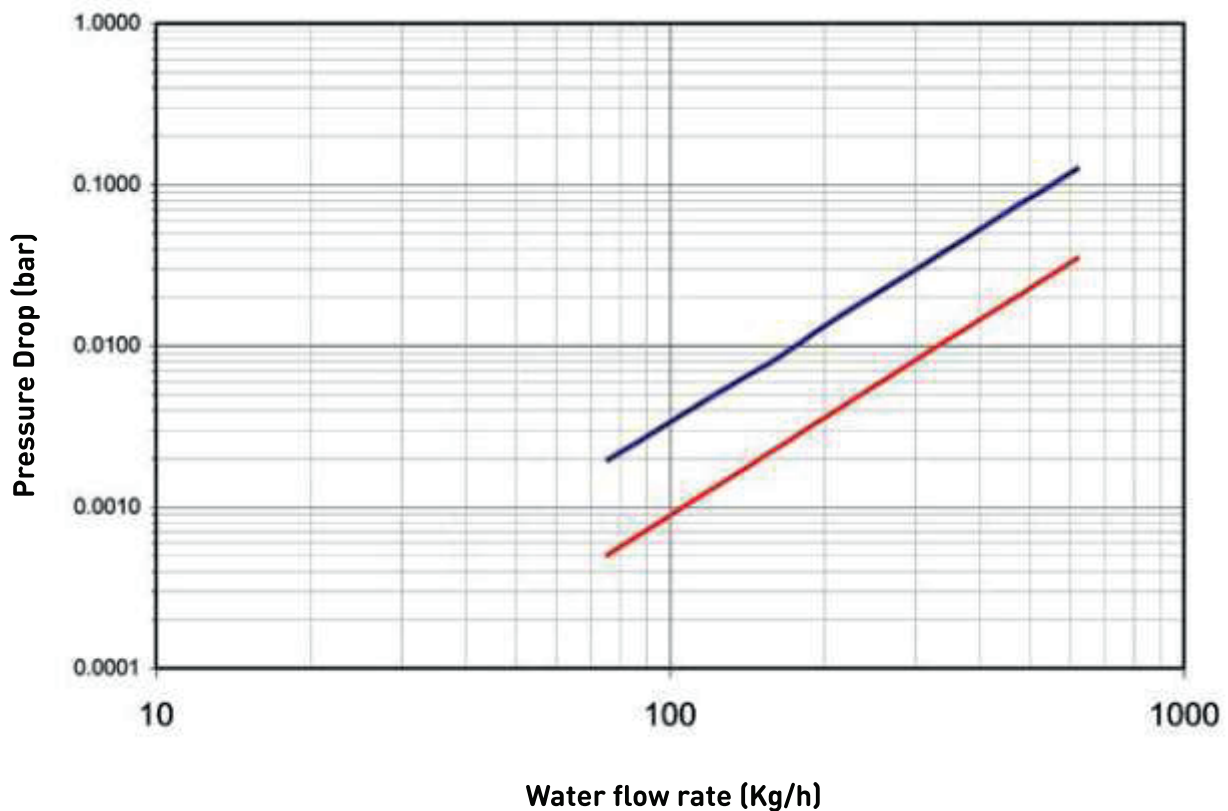
Water Inlet Temperature [°C]	Room Temperature [°C]	Water Outlet Temperature [°C]													
		25	30	35	40	45	50	55	60	65	70	75	80	85	90
95	26		2.80	2.00	1.63	1.40	1.23	1.11	1.01	0.94	0.87	0.81	0.77	0.72	0.69
	24	4.32	2.33	1.78	1.49	1.30	1.16	1.05	0.96	0.89	0.83	0.78	0.73	0.7	0.66
	22	2.95	2.01	1.61	1.37	1.21	1.09	0.99	0.91	0.85	0.79	0.75	0.71	0.67	0.64
	20	2.38	1.78	1.47	1.27	1.13	1.02	0.94	0.87	0.81	0.76	0.72	0.68	0.64	0.61
	18	2.03	1.60	1.35	1.19	1.06	0.97	0.89	0.83	0.77	0.73	0.69	0.65	0.62	0.59
	15	1.68	1.39	1.21	1.08	0.97	0.88	0.83	0.77	0.73	0.68	0.65	0.62	0.59	0.56
	12	1.45	1.24	1.09	0.98	0.90	0.83	0.77	0.72	0.68	0.65	0.61	0.58	0.56	0.53
	10	1.33	1.15	1.03	0.93	0.85	0.79	0.74	0.69	0.66	0.62	0.59	0.56	0.54	0.52
90	26		3.01	2.14	1.73	1.48	1.31	1.18	1.07	0.99	0.92	0.86	0.81	0.76	
	24	4.66	2.48	1.90	1.58	1.37	1.22	1.11	1.01	0.94	0.87	0.82	0.77	0.73	
	22	3.16	2.14	1.71	1.45	1.28	1.15	1.04	0.96	0.89	0.83	0.78	0.74	0.70	
	20	2.54	1.89	1.56	1.34	1.19	1.08	0.99	0.91	0.85	0.80	0.75	0.71	0.67	
	18	2.15	1.69	1.43	1.25	1.12	1.02	0.94	0.87	0.81	0.76	0.72	0.68	0.65	
	15	1.78	1.47	1.27	1.13	1.02	0.94	0.87	0.81	0.76	0.72	0.68	0.64	0.61	
	12	1.52	1.30	1.15	1.03	0.94	0.87	0.81	0.76	0.71	0.67	0.64	0.61	0.58	
	10	1.39	1.21	1.08	0.97	0.89	0.83	0.77	0.73	0.68	0.65	0.62	0.59	0.56	
85	26		3.24	2.29	1.85	1.58	1.39	1.25	1.14	1.05	0.97	0.91	0.85		
	24	5.04	2.67	2.03	1.68	1.46	1.30	1.17	1.07	0.99	0.92	0.86	0.81		
	22	3.40	2.29	1.82	1.54	1.35	1.21	1.10	1.01	0.94	0.88	0.83	0.78		
	20	2.71	2.01	1.65	1.43	1.26	1.14	1.04	0.96	0.90	0.84	0.79	0.75		
	18	2.30	1.80	1.51	1.32	1.18	1.07	0.99	0.91	0.85	0.80	0.76	0.72		
	15	1.89	1.56	1.34	1.19	1.08	0.99	0.91	0.85	0.80	0.75	0.71	0.67		
	12	1.61	1.37	1.21	1.09	0.99	0.91	0.85	0.79	0.75	0.71	0.67	0.64		
	10	1.47	1.27	1.13	1.02	0.94	0.87	0.81	0.76	0.72	0.68	0.64	0.61		
80	26		3.52	2.47	1.99	1.69	1.49	1.33	1.21	1.11	1.03	0.96			
	24	5.50	2.88	2.18	1.80	1.56	1.38	1.25	1.14	1.05	0.98	0.92			
	22	3.68	2.46	1.95	1.65	1.44	1.29	1.17	1.08	1.00	0.93	0.87			
	20	2.92	2.15	1.76	1.52	1.34	1.21	1.10	1.02	0.95	0.89	0.83			
	18	2.46	1.92	1.61	1.40	1.25	1.14	1.04	0.97	0.90	0.84	0.80			
	15	2.01	1.65	1.43	1.26	1.14	1.04	0.96	0.90	0.84	0.79	0.75			
	12	1.71	1.45	1.28	1.15	1.04	0.96	0.89	0.83	0.78	0.74	0.70			
	10	1.56	1.34	1.19	1.08	0.99	0.91	0.85	0.80	0.75	0.71	0.67			
75	26		3.84	2.68	2.15	1.82	1.60	1.43	1.30	1.19	1.10				
	24	6.05	3.12	2.35	1.94	1.67	1.48	1.33	1.22	1.12	1.04				
	22	4.00	2.65	2.10	1.77	1.54	1.38	1.25	1.15	1.06	0.99				
	20	3.16	2.32	1.89	1.62	1.43	1.29	1.17	1.08	1.00	0.94				
	18	2.65	2.06	1.72	1.50	1.33	1.21	1.11	1.02	0.95	0.89				
	15	2.15	1.76	1.52	1.34	1.21	1.10	1.02	0.95	0.89	0.83				
	12	1.82	1.54	1.35	1.21	1.10	1.01	0.94	0.88	0.83	0.78				
	10	1.65	1.43	1.26	1.14	1.04	0.96	0.90	0.84	0.79	0.75				
70	26		4.23	2.93	2.34	1.98	1.73	1.54	1.40	1.28					
	24	6.70	3.42	2.56	2.10	1.81	1.59	1.43	1.31	1.20					
	22	4.39	2.89	2.27	1.91	1.66	1.48	1.34	1.23	1.13					
	20	3.44	2.51	2.04	1.74	1.54	1.38	1.26	1.15	1.07					
	18	2.87	2.22	1.85	1.61	1.43	1.29	1.18	1.09	1.01					
	15	2.32	1.89	1.62	1.43	1.29	1.17	1.08	1.00	0.94					
	12	1.95	1.65	1.44	1.29	1.17	1.08	1.00	0.93	0.87					
	10	1.76	1.52	1.34	1.21	1.10	1.02	0.95	0.89	0.83					
65	26		4.71	3.24	2.57	2.16	1.88	1.68	1.52						
	24	7.52	3.77	2.81	2.30	1.97	1.73	1.55	1.41						
	22	4.86	3.16	2.48	2.07	1.80	1.60	1.45	1.32						
	20	3.77	2.73	2.21	1.89	1.66	1.49	1.35	1.24						
	18	3.13	2.41	2.00	1.73	1.54	1.39	1.27	1.17						
	15	2.51	2.04	1.74	1.54	1.38	1.26	1.15	1.07						
	12	2.10	1.77	1.54	1.38	1.25	1.15	1.06	0.99						
	10	1.89	1.62	1.43	1.29	1.17	1.08	1.00	0.94						
60	26		5.32	3.61	2.85	2.39	2.07	1.84							
	24	8.55	4.21	3.11	2.53	2.16	1.90	1.70							
	22	5.44	3.51	2.73	2.27	1.97	1.74	1.57							
	20	4.18	3.01	2.42	2.06	1.80	1.61	1.46							
	18	3.44	2.63	2.18	1.88	1.66	1.50	1.37							
	15	2.73	2.21	1.89	1.66	1.49	1.35	1.24							
	12	2.27	1.91	1.66	1.48	1.34	1.23	1.13							
	10	2.04	1.74	1.54	1.38	1.26	1.15	1.07							
55	26		6.11	4.10	3.21	2.68	2.31								
	24	9.90	4.77	3.49	2.83	2.40	2.10								
	22	6.18	3.93	3.04	2.52	2.17	1.92								
	20	4.69	3.34	2.68	2.27	1.98	1.77								
	18	3.82	2.91	2.40	2.06	1.82	1.63								
	15	3.01	2.42	2.06	1.80	1.61	1.46								
	12	2.48	2.07	1.80	1.60	1.45	1.32								
	10	2.21	1.89	1.66	1.49	1.35	1.24								
50	26		7.17	4.74	3.68	3.05									
	24	11.74	5.51	3.99	3.21	2.71									
	22	7.15	4.48	3.44	2.83	2.43									
	20	5.35	3.77	3.01	2.53	2.20									
	18	4.31	3.25	2.67	2.28	2.01									
	15	3.34	2.68	2.27	1.98	1.77									
	12	2.73	2.27	1.97	1.74	1.57									
	10	2.42	2.06	1.80	1.61	1.46									
45	26		8.71	5.65	4.34										
	24	14.40	6.54	4.67	3.72										
	22	8.49	5.23	3.97	3.25										
	20	6.23	4.34	3.43	2.87										
	18	4.95	3.69	3.01	2.57										
	15	3.77	3.01	2.53	2.20										
	12	3.04	2.52	2.17	1.92										
	10	2.68	2.27	1.98	1.77										
40	26		11.15	7.05											
	24	18.58	8.08	5.67											
	22	10.47	6.29	4.71											
	20	7.47	5.12	4.01											
	18	5.81	4.29	3.47											
	15	4.34	3.43	2.87											
	12	3.44	2.83	2.43											
	10	3.01	2.53	2.20											

Pressure drop

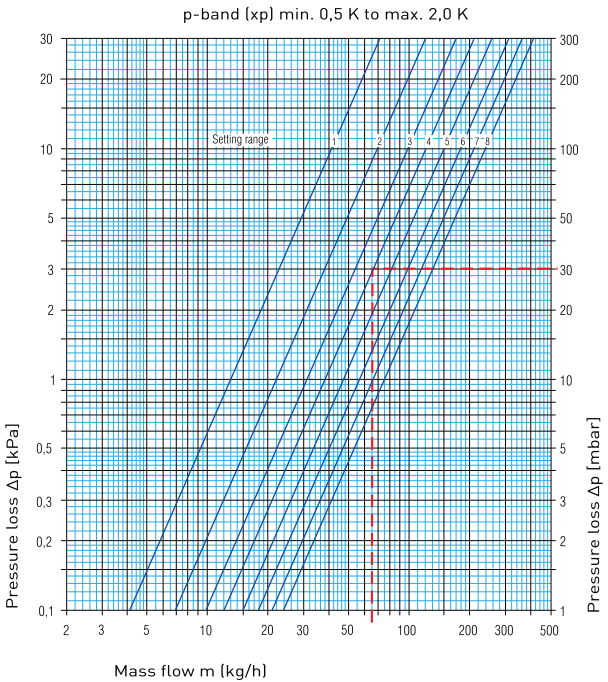
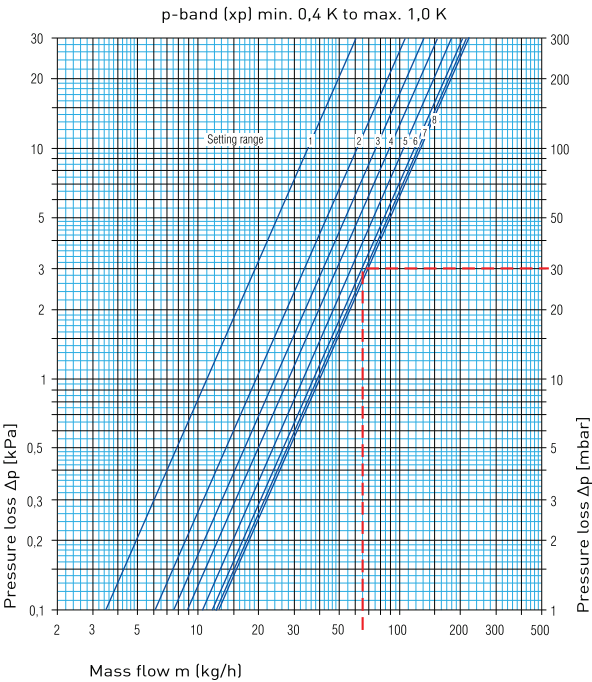
Pressure drop in a piping system is the result of resistance to flow. It is a critical factor in selecting the pump size. The pressure drop of a radiator depends on the water flow rate and the radiator size. It is significant for bigger size radiators.

Pressure loss of a radiator can be found from the following graphs. It should be noted that pressure drops for compact and vk models are different.

Pressure drop of a radiator without valve insert



Pressure drop chart of a radiator with insert valve



Radiator with integrated vales without connection fitting			Presetting Thermostatic insert								Permissible operating temperature TB* [°C]	Permissible operating pressure PB [bar]	Permissible operating pressure at which the valve still closes Δp [bar]		
			1	2	3	4	5	6	7	8			Therm. head	EMO T/NC EMOtec/NC EMO 1/3 EMO EIB/ LON	EMO T/NO EMOtec/ NO
Thermostatic insert and thermostatic head	p-band xp min. 0,4 K max. 1,0 K	value K_v [m³/h]	0,12	0,19	0,24	0,28	0,33	0,37	0,39	0,40	120	10	4,0	2,7	3,5
	p-band xp min. 0,5 K max. 2,0 K	value K_v [m³/h]	0,13	0,22	0,31	0,38	0,47	0,57	0,66	0,75					
		value K_{vs} [m³/h]	0,16	0,27	0,38	0,43	0,65	0,98	1,23	1,43					
		Flow tolerance +/- [%]	40	30	25	23	17	15	12	10					

*) With protective cap or actuator 100 °C

Calculation example:

- Target: Setting range

- Given: Heat flow

Temperature spread

Pressure loss, radiator with integrated valves

$$\dot{Q} = 1135 \text{ W}$$

$$\Delta t = 15 \text{ K (65/50 °C)}$$

$$\Delta p_v = 30 \text{ mbar}$$

- Solution: Mass flow rate

$$\dot{m} = \frac{\dot{Q}}{c \cdot \Delta t} = \frac{1135}{1,163 \cdot 15} = 65 \text{ kg/h}$$

Setting range from diagram

At p-band max. 1,0 K:3

At p-band max. 2,0 K:2

Accessories

Termo Teknik Standard hardware pack includes

- Blind Plug
- Airvent
- Screws and screw caps
- Saddle Clips



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Brackets for Panel Radiators

„L” brackets are supplied as standard



Heimeier insert valve 4368 is supplied as standard on Termolux VK and Design Flat Front/Style models



„J” brackets can be provided as an option



This image shows a full page of blank handwriting practice paper. It features numerous horizontal blue lines spaced evenly across the page, providing a guide for letter height and placement. The lines are consistent in color and thickness throughout the document.

[illegible]

This image shows a full page of blank handwriting practice paper. It features approximately 30 horizontal blue lines spaced evenly down the page. There are no margins, text, or other markings present.

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