

# Standard panel radiators



Test Pressure	bar	Max. Operation Pressure	bar	Max. Water Temperature	°C	Warranty	Number of Connection
13		10		110		10	4xDIN 6xDIN

## Long-lasting

Warmhaus radiators are the perfect fit for functionality and elegant look. Thanks to our state-of-the-art production lines, all our products comply with DIN EN 442 standards and have a 10 year warranty. Our aim is to warm you up with a long-lasting product that suits your living environment.

- High thermal efficiency
- Elegant design
- Practical Installation
- Extensive Product Range
- RAL 9010 and RAL 9016 color



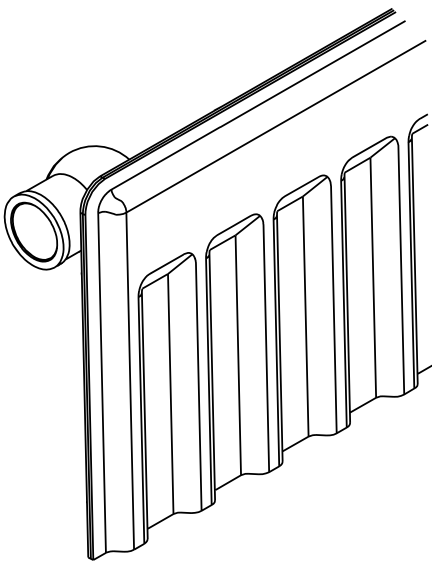
	Type 10	Type 11	Type 21
Width (mm)	47,5	50	70
Height (mm)	300-400-500-600-700-900	300-400-500-600-700-900	300-400-500-600-700-900
Length (mm)	400-3000	400-3000	400-3000

	Type 22	Type 33
Width (mm)	105	160
Height (mm)	300-400-500-600-700-900	300-400-500-600-700-900
Length (mm)	400-3000	400-3000



Type 10

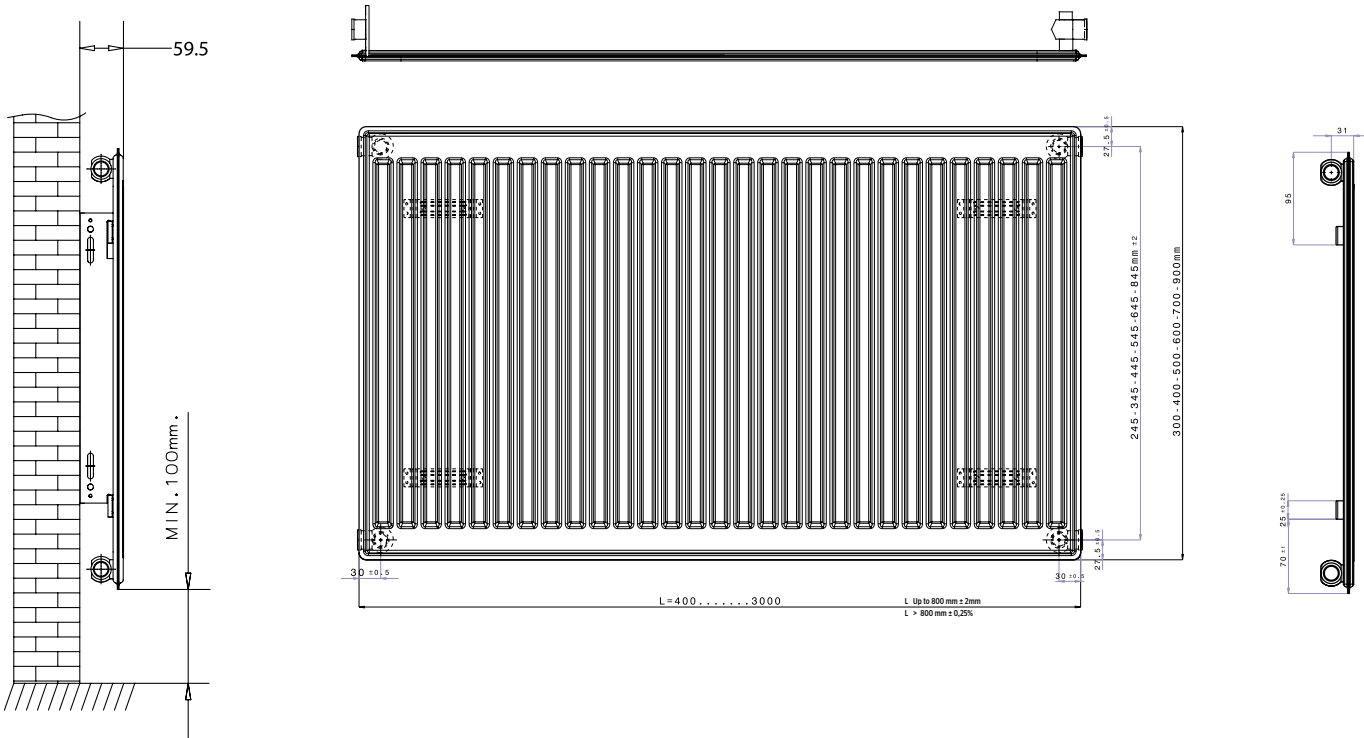
Width (mm)	47,5
Height (mm)	300-400-500-600-700-900
Length (mm)	400-3000
Interval for length (mm)	1400-1600: 100 1600-3000: 200



		Type 10					
watt - kcal		height					
n-coefficient		1,27	1,28	1,28	1,29	1,29	1,29
Length	C	300	400	500	600	700	900
400	watt 75/65/20 ΔT:50	144	181	218	253	288	357
	kcal 75/65/20 ΔT:50	124	156	188	218	248	308
500	watt 75/65/20 ΔT:50	180	227	272	317	360	446
	kcal 75/65/20 ΔT:50	155	195	234	273	310	384
600	watt 75/65/20 ΔT:50	215	272	326	380	432	535
	kcal 75/65/20 ΔT:50	186	234	281	327	372	461
700	watt 75/65/20 ΔT:50	251	317	381	443	504	624
	kcal 75/65/20 ΔT:50	217	273	328	382	434	538
800	watt 75/65/20 ΔT:50	287	362	435	506	576	714
	kcal 75/65/20 ΔT:50	248	312	375	437	497	615
900	watt 75/65/20 ΔT:50	323	408	490	570	648	803
	kcal 75/65/20 ΔT:50	279	351	422	491	559	692
1000	watt 75/65/20 ΔT:50	359	453	544	633	720	892
	kcal 75/65/20 ΔT:50	309	391	469	546	621	769
1100	watt 75/65/20 ΔT:50	395	498	598	696	792	981
	kcal 75/65/20 ΔT:50	340	430	516	600	683	846
1200	watt 75/65/20 ΔT:50	431	544	653	760	864	1070
	kcal 75/65/20 ΔT:50	371	469	563	655	745	923
1300	watt 75/65/20 ΔT:50	467	589	707	823	936	1160
	kcal 75/65/20 ΔT:50	402	508	610	709	807	1000
1400	watt 75/65/20 ΔT:50	503	634	762	886	1008	1249
	kcal 75/65/20 ΔT:50	433	547	657	764	869	1077
1500	watt 75/65/20 ΔT:50	539	680	816	950	1080	1338
	kcal 75/65/20 ΔT:50	464	586	703	819	931	1153
1600	watt 75/65/20 ΔT:50	574	725	870	1013	1152	1427
	kcal 75/65/20 ΔT:50	495	625	750	873	993	1230
1800	watt 75/65/20 ΔT:50	646	815	979	1139	1296	1606
	kcal 75/65/20 ΔT:50	557	703	844	982	1117	1384
2000	watt 75/65/20 ΔT:50	718	906	1088	1266	1440	1784
	kcal 75/65/20 ΔT:50	619	781	938	1091	1241	1538
2200	watt 75/65/20 ΔT:50	790	997	1197	1393	1584	1962
	kcal 75/65/20 ΔT:50	681	859	1032	1201	1366	1692
2400	watt 75/65/20 ΔT:50	862	1087	1306	1519	1728	2141
	kcal 75/65/20 ΔT:50	743	937	1126	1310	1490	1846
2600	watt 75/65/20 ΔT:50	933	1178	1414	1646	1872	2319
	kcal 75/65/20 ΔT:50	805	1015	1219	1419	1614	1999
2800	watt 75/65/20 ΔT:50	1005	1268	1523	1772	2016	2498
	kcal 75/65/20 ΔT:50	867	1093	1313	1528	1738	2153
3000	watt 75/65/20 ΔT:50	1077	1359	1632	1899	2160	2676
	kcal 75/65/20 ΔT:50	928	1172	1407	1637	1862	2307

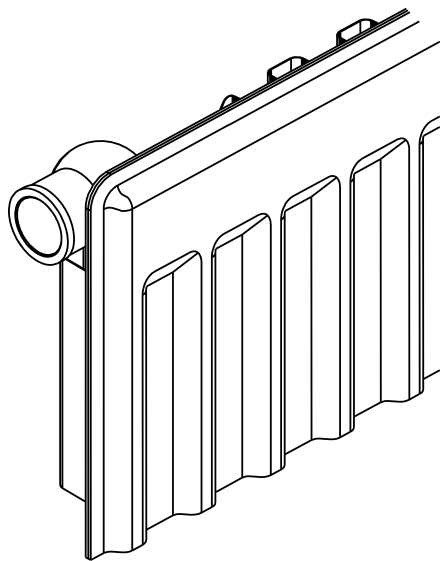
		Type 10					
watt - kcal		height					
n-coefficient		1,27	1,28	1,28	1,29	1,29	1,29
Length	C	300	400	500	600	700	900
400	watt 90/70/20 ΔT:60	181	229	275	320	364	451
	kcal 90/70/20 ΔT:60	156	197	237	276	314	389
500	watt 90/70/20 ΔT:60	226	286	344	400	455	564
	kcal 90/70/20 ΔT:60	195	247	296	345	392	486
600	watt 90/70/20 ΔT:60	272	343	412	480	546	677
	kcal 90/70/20 ΔT:60	234	296	356	414	471	583
700	watt 90/70/20 ΔT:60	317	400	481	560	637	789
	kcal 90/70/20 ΔT:60	273	345	415	483	549	680
800	watt 90/70/20 ΔT:60	362	458	550	640	728	902
	kcal 90/70/20 ΔT:60	312	394	474	552	628	778
900	watt 90/70/20 ΔT:60	408	515	619	721	819	1015
	kcal 90/70/20 ΔT:60	351	444	533	621	706	875
1000	watt 90/70/20 ΔT:60	453	572	687	801	910	1128
	kcal 90/70/20 ΔT:60	390	493	593	690	785	972
1100	watt 90/70/20 ΔT:60	498	629	756	881	1002	1240
	kcal 90/70/20 ΔT:60	429	542	652	759	863	1069
1200	watt 90/70/20 ΔT:60	543	686	825	961	1093	1353
	kcal 90/70/20 ΔT:60	468	592	711	828	942	1166
1300	watt 90/70/20 ΔT:60	589	744	894	1041	1184	1466
	kcal 90/70/20 ΔT:60	508	641	770	897	1020	1264
1400	watt 90/70/20 ΔT:60	634	801	962	1121	1275	1579
	kcal 90/70/20 ΔT:60	547	690	830	966	1099	1361
1500	watt 90/70/20 ΔT:60	679	858	1031	1201	1366	1691
	kcal 90/70/20 ΔT:60	586	740	889	1035	1177	1458
1600	watt 90/70/20 ΔT:60	725	915	1100	1281	1457	1804
	kcal 90/70/20 ΔT:60	625	789	948	1104	1256	1555
1800	watt 90/70/20 ΔT:60	815	1029	1237	1441	1639	2030
	kcal 90/70/20 ΔT:60	703	887	1067	1242	1413	1750
2000	watt 90/70/20 ΔT:60	906	1144	1375	1601	1821	2255
	kcal 90/70/20 ΔT:60	781	986	1185	1380	1570	1944
2200	watt 90/70/20 ΔT:60	996	1258	1512	1761	2003	2481
	kcal 90/70/20 ΔT:60	859	1085	1304	1518	1727	2139
2400	watt 90/70/20 ΔT:60	1087	1373	1650	1921	2185	2706
	kcal 90/70/20 ΔT:60	937	1183	1422	1656	1884	2333
2600	watt 90/70/20 ΔT:60	1177	1487	1787	2082	2367	2932
	kcal 90/70/20 ΔT:60	1015	1282	1541	1794	2041	2527
2800	watt 90/70/20 ΔT:60	1268	1601	1925	2242	2549	3157
	kcal 90/70/20 ΔT:60	1093	1381	1659	1932	2198	2722
3000	watt 90/70/20 ΔT:60	1359	1716	2062	2402	2731	3383
	kcal 90/70/20 ΔT:60	1171	1479	1778	2071	2355	2916

DIMENSIONAL SPECIFICATIONS					
Type	Nominal Size (mm)	Center of Distance (mm)	Width (mm)	Length Min. - Max. (mm)	Water Content (L/m)
10 P	300	245	47,5	400 - 3000	1,7
	400	345	47,5	400 - 3000	2,2
	500	445	47,5	400 - 3000	2,7
	600	545	47,5	400 - 3000	3,2
	700	645	47,5	400 - 3000	3,6
	900	845	47,5	400 - 3000	4,6



Type 11

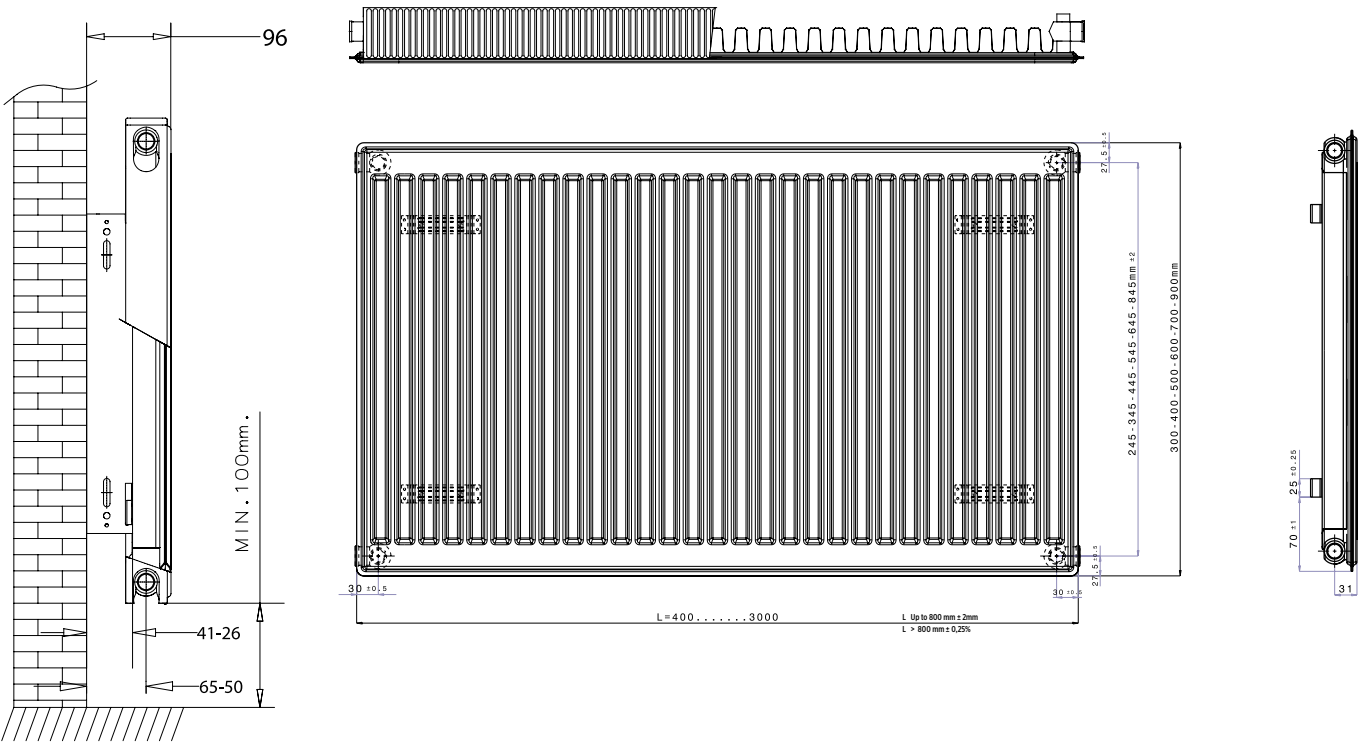
Width (mm)	50
Height (mm)	300-400-500-600-700-900
Length (mm)	400-3000
Interval for length (mm)	1400-1600: 100 1600-3000: 200



		Type 11						
watt - kcal		height						
n-coefficient		1,28	1,28	1,29	1,29	1,29	1,30	
Length	C	300	400	500	600	700	900	
400	watt 75/65/20 ΔT:50	204	263	318	372	423	521	
	kcal 75/65/20 ΔT:50	176	227	274	321	365	449	
500	watt 75/65/20 ΔT:50	256	329	398	465	529	651	
	kcal 75/65/20 ΔT:50	220	283	343	401	456	561	
600	watt 75/65/20 ΔT:50	307	394	478	558	635	781	
	kcal 75/65/20 ΔT:50	264	340	412	481	547	673	
700	watt 75/65/20 ΔT:50	358	460	557	651	741	911	
	kcal 75/65/20 ΔT:50	308	396	480	561	638	786	
800	watt 75/65/20 ΔT:50	409	526	637	744	846	1042	
	kcal 75/65/20 ΔT:50	352	453	549	641	730	898	
900	watt 75/65/20 ΔT:50	460	591	716	837	952	1172	
	kcal 75/65/20 ΔT:50	396	510	618	722	821	1010	
1000	watt 75/65/20 ΔT:50	511	657	796	930	1058	1302	
	kcal 75/65/20 ΔT:50	441	566	686	802	912	1122	
1100	watt 75/65/20 ΔT:50	562	723	876	1023	1164	1432	
	kcal 75/65/20 ΔT:50	485	623	755	882	1003	1235	
1200	watt 75/65/20 ΔT:50	613	788	955	1116	1270	1562	
	kcal 75/65/20 ΔT:50	529	680	823	962	1094	1347	
1300	watt 75/65/20 ΔT:50	664	854	1035	1209	1375	1693	
	kcal 75/65/20 ΔT:50	573	736	892	1042	1186	1459	
1400	watt 75/65/20 ΔT:50	715	920	1114	1302	1481	1823	
	kcal 75/65/20 ΔT:50	617	793	961	1122	1277	1571	
1500	watt 75/65/20 ΔT:50	767	986	1194	1395	1587	1953	
	kcal 75/65/20 ΔT:50	661	850	1029	1203	1368	1684	
1600	watt 75/65/20 ΔT:50	818	1051	1274	1488	1693	2083	
	kcal 75/65/20 ΔT:50	705	906	1098	1283	1459	1796	
1800	watt 75/65/20 ΔT:50	920	1183	1433	1674	1904	2344	
	kcal 75/65/20 ΔT:50	793	1019	1235	1443	1642	2020	
2000	watt 75/65/20 ΔT:50	1022	1314	1592	1860	2116	2604	
	kcal 75/65/20 ΔT:50	881	1133	1372	1603	1824	2245	
2200	watt 75/65/20 ΔT:50	1124	1445	1751	2046	2328	2864	
	kcal 75/65/20 ΔT:50	969	1246	1510	1764	2007	2469	
2400	watt 75/65/20 ΔT:50	1226	1577	1910	2232	2539	3125	
	kcal 75/65/20 ΔT:50	1057	1359	1647	1924	2189	2694	
2600	watt 75/65/20 ΔT:50	1329	1708	2070	2418	2751	3385	
	kcal 75/65/20 ΔT:50	1145	1473	1784	2084	2371	2918	
2800	watt 75/65/20 ΔT:50	1431	1840	2229	2604	2962	3646	
	kcal 75/65/20 ΔT:50	1233	1586	1921	2245	2554	3143	
3000	watt 75/65/20 ΔT:50	1533	1971	2388	2790	3174	3906	
	kcal 75/65/20 ΔT:50	1322	1699	2059	2405	2736	3367	

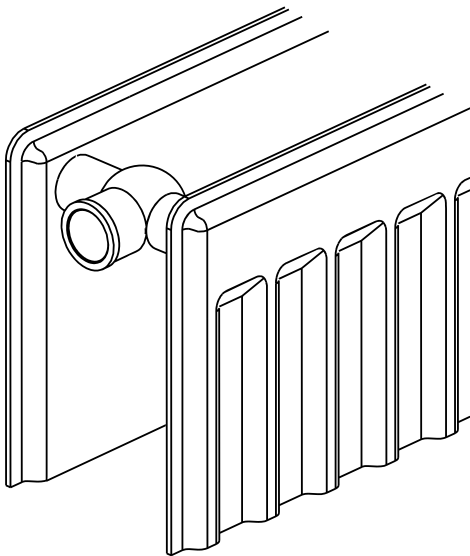
		Type 11						
watt - kcal		height						
n-coefficient		1,28	1,28	1,29	1,29	1,29	1,30	
Length	C	300	400	500	600	700	900	
400	watt 90/70/20 ΔT:60	258	332	402	471	536	660	
	kcal 90/70/20 ΔT:60	222	286	347	406	462	569	
500	watt 90/70/20 ΔT:60	323	415	503	588	670	825	
	kcal 90/70/20 ΔT:60	278	358	434	507	577	711	
600	watt 90/70/20 ΔT:60	387	498	604	706	804	990	
	kcal 90/70/20 ΔT:60	334	429	520	608	693	854	
700	watt 90/70/20 ΔT:60	452	581	704	823	937	1155	
	kcal 90/70/20 ΔT:60	389	501	607	710	808	996	
800	watt 90/70/20 ΔT:60	516	664	805	941	1071	1320	
	kcal 90/70/20 ΔT:60	445	572	694	811	924	1138	
900	watt 90/70/20 ΔT:60	581	747	906	1059	1205	1485	
	kcal 90/70/20 ΔT:60	500	644	781	913	1039	1281	
1000	watt 90/70/20 ΔT:60	645	830	1006	1176	1339	1650	
	kcal 90/70/20 ΔT:60	556	715	867	1014	1154	1423	
1100	watt 90/70/20 ΔT:60	710	913	1107	1294	1473	1815	
	kcal 90/70/20 ΔT:60	612	787	954	1115	1270	1565	
1200	watt 90/70/20 ΔT:60	774	996	1207	1412	1607	1981	
	kcal 90/70/20 ΔT:60	667	859	1041	1217	1385	1707	
1300	watt 90/70/20 ΔT:60	839	1079	1308	1529	1741	2146	
	kcal 90/70/20 ΔT:60	723	930	1128	1318	1501	1850	
1400	watt 90/70/20 ΔT:60	903	1162	1409	1647	1875	2311	
	kcal 90/70/20 ΔT:60	779	1002	1214	1420	1616	1992	
1500	watt 90/70/20 ΔT:60	968	1245	1509	1764	2009	2476	
	kcal 90/70/20 ΔT:60	834	1073	1301	1521	1732	2134	
1600	watt 90/70/20 ΔT:60	1032	1328	1610	1882	2143	2641	
	kcal 90/70/20 ΔT:60	890	1145	1388	1622	1847	2276	
1800	watt 90/70/20 ΔT:60	1161	1494	1811	2117	2411	2971	
	kcal 90/70/20 ΔT:60	1001	1288	1561	1825	2078	2561	
2000	watt 90/70/20 ΔT:60	1290	1660	2012	2353	2678	3301	
	kcal 90/70/20 ΔT:60	1112	1431	1735	2028	2309	2846	
2200	watt 90/70/20 ΔT:60	1419	1826	2214	2588	2946	3631	
	kcal 90/70/20 ΔT:60	1223	1574	1908	2231	2540	3130	
2400	watt 90/70/20 ΔT:60	1548	1992	2415	2823	3214	3961	
	kcal 90/70/20 ΔT:60	1335	1717	2082	2434	2771	3415	
2600	watt 90/70/20 ΔT:60	1677	2158	2616	3058	3482	4291	
	kcal 90/70/20 ΔT:60	1446	1860	2255	2637	3002	3699	
2800	watt 90/70/20 ΔT:60	1806	2324	2817	3294	3750	4621	
	kcal 90/70/20 ΔT:60	1557	2003	2429	2839	3232	3984	
3000	watt 90/70/20 ΔT:60	1935	2490	3018	3529	4018	4951	
	kcal 90/70/20 ΔT:60	1668	2146	2602	3042	3463	4268	

DIMENSIONAL SPECIFICATIONS					
Type	Nominal Size (mm)	Center of Distance (mm)	Width (mm)	Length Min. - Max. (mm)	Water Content (L/m)
11 PK	300	245	50	400 - 3000	1,7
	400	345	50	400 - 3000	2,2
	500	445	50	400 - 3000	2,6
	600	545	50	400 - 3000	3,0
	700	645	50	400 - 3000	3,6
	900	845	50	400 - 3000	4,6



Type 20

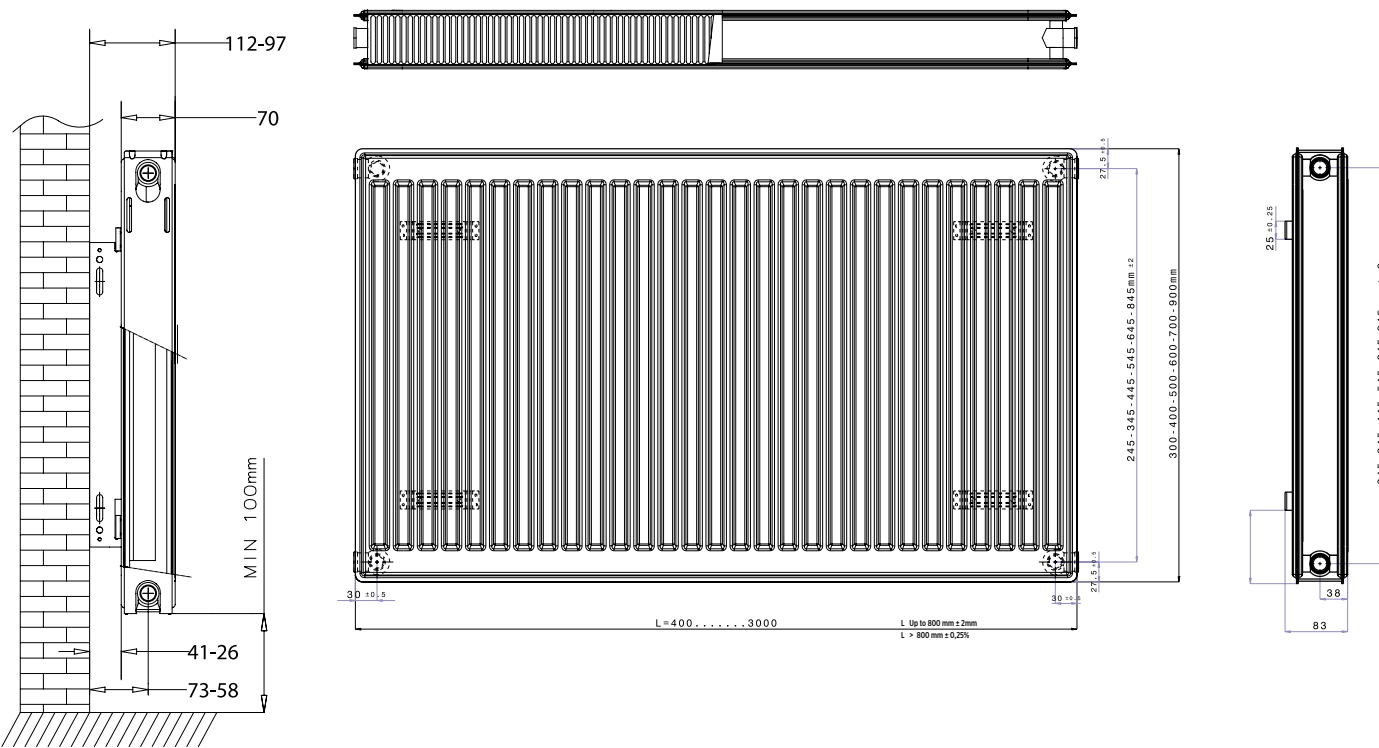
Width (mm)	70
Height (mm)	300-400-500-600-700-900
Length (mm)	400-3000
Interval for length (mm)	1400-1600: 100 1600-3000: 200



		Type 20					
watt - kcal		height					
n-coefficient		1,28	1,29	1,30	1,30	1,30	1,31
Length	C	300	400	500	600	700	900
400	watt 75/65/20 ΔT:50	243	307	368	427	483	594
	kcal 75/65/20 ΔT:50	210	265	318	368	416	512
500	watt 75/65/20 ΔT:50	304	384	461	534	603	742
	kcal 75/65/20 ΔT:50	262	331	397	460	520	640
600	watt 75/65/20 ΔT:50	365	461	553	641	724	890
	kcal 75/65/20 ΔT:50	315	397	476	552	624	768
700	watt 75/65/20 ΔT:50	426	538	645	747	845	1039
	kcal 75/65/20 ΔT:50	367	464	556	644	728	896
800	watt 75/65/20 ΔT:50	487	615	737	854	965	1187
	kcal 75/65/20 ΔT:50	420	530	635	736	832	1024
900	watt 75/65/20 ΔT:50	548	692	829	961	1086	1336
	kcal 75/65/20 ΔT:50	472	596	715	828	936	1151
1000	watt 75/65/20 ΔT:50	609	768	921	1068	1207	1484
	kcal 75/65/20 ΔT:50	525	662	794	920	1040	1279
1100	watt 75/65/20 ΔT:50	670	845	1013	1174	1327	1633
	kcal 75/65/20 ΔT:50	577	729	874	1012	1144	1407
1200	watt 75/65/20 ΔT:50	730	922	1105	1281	1448	1781
	kcal 75/65/20 ΔT:50	630	795	953	1105	1248	1535
1300	watt 75/65/20 ΔT:50	791	999	1198	1388	1568	1929
	kcal 75/65/20 ΔT:50	682	861	1032	1197	1352	1663
1400	watt 75/65/20 ΔT:50	852	1076	1290	1495	1689	2078
	kcal 75/65/20 ΔT:50	735	927	1112	1289	1456	1791
1500	watt 75/65/20 ΔT:50	913	1153	1382	1602	1810	2226
	kcal 75/65/20 ΔT:50	787	994	1191	1381	1560	1919
1600	watt 75/65/20 ΔT:50	974	1229	1474	1708	1930	2375
	kcal 75/65/20 ΔT:50	840	1060	1271	1473	1664	2047
1800	watt 75/65/20 ΔT:50	1096	1383	1658	1922	2172	2671
	kcal 75/65/20 ΔT:50	945	1192	1429	1657	1872	2303
2000	watt 75/65/20 ΔT:50	1217	1537	1842	2135	2413	2968
	kcal 75/65/20 ΔT:50	1049	1325	1588	1841	2080	2559
2200	watt 75/65/20 ΔT:50	1339	1690	2027	2349	2654	3265
	kcal 75/65/20 ΔT:50	1154	1457	1747	2025	2288	2815
2400	watt 75/65/20 ΔT:50	1461	1844	2211	2563	2896	3562
	kcal 75/65/20 ΔT:50	1259	1590	1906	2209	2496	3071
2600	watt 75/65/20 ΔT:50	1583	1998	2395	2776	3137	3859
	kcal 75/65/20 ΔT:50	1364	1722	2065	2393	2704	3327
2800	watt 75/65/20 ΔT:50	1704	2151	2579	2990	3378	4156
	kcal 75/65/20 ΔT:50	1469	1855	2224	2577	2912	3582
3000	watt 75/65/20 ΔT:50	1826	2305	2764	3203	3620	4452
	kcal 75/65/20 ΔT:50	1574	1987	2382	2761	3120	3838

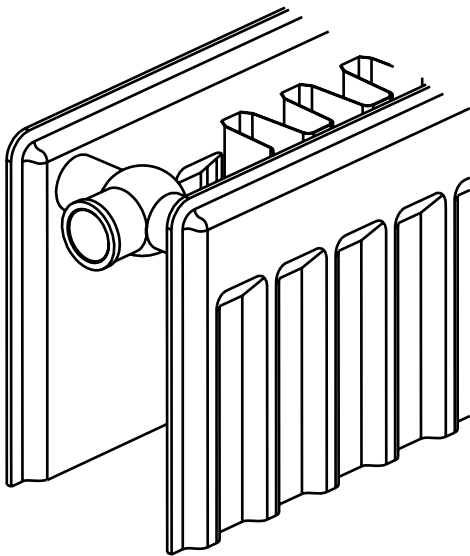
		Type 20					
watt - kcal		height					
n-coefficient		1,28	1,29	1,30	1,30	1,30	1,31
Length	C	300	400	500	600	700	900
400	watt 90/70/20 ΔT:60	307	388	465	539	609	751
	kcal 90/70/20 ΔT:60	265	335	401	465	525	647
500	watt 90/70/20 ΔT:60	384	485	582	674	762	939
	kcal 90/70/20 ΔT:60	331	418	501	581	657	809
600	watt 90/70/20 ΔT:60	460	582	698	809	914	1127
	kcal 90/70/20 ΔT:60	397	502	602	697	788	971
700	watt 90/70/20 ΔT:60	537	679	814	944	1067	1314
	kcal 90/70/20 ΔT:60	463	586	702	814	919	1133
800	watt 90/70/20 ΔT:60	614	776	931	1079	1219	1502
	kcal 90/70/20 ΔT:60	529	669	802	930	1051	1295
900	watt 90/70/20 ΔT:60	691	873	1047	1214	1371	1690
	kcal 90/70/20 ΔT:60	595	753	903	1046	1182	1457
1000	watt 90/70/20 ΔT:60	767	970	1163	1348	1524	1878
	kcal 90/70/20 ΔT:60	661	836	1003	1162	1314	1619
1100	watt 90/70/20 ΔT:60	844	1067	1280	1483	1676	2065
	kcal 90/70/20 ΔT:60	728	920	1103	1279	1445	1781
1200	watt 90/70/20 ΔT:60	921	1164	1396	1618	1828	2253
	kcal 90/70/20 ΔT:60	794	1004	1203	1395	1576	1942
1300	watt 90/70/20 ΔT:60	997	1261	1512	1753	1981	2441
	kcal 90/70/20 ΔT:60	860	1087	1304	1511	1708	2104
1400	watt 90/70/20 ΔT:60	1074	1358	1629	1888	2133	2629
	kcal 90/70/20 ΔT:60	926	1171	1404	1627	1839	2266
1500	watt 90/70/20 ΔT:60	1151	1455	1745	2023	2285	2816
	kcal 90/70/20 ΔT:60	992	1255	1504	1744	1970	2428
1600	watt 90/70/20 ΔT:60	1228	1552	1861	2157	2438	3004
	kcal 90/70/20 ΔT:60	1058	1338	1605	1860	2102	2590
1800	watt 90/70/20 ΔT:60	1381	1747	2094	2427	2743	3380
	kcal 90/70/20 ΔT:60	1191	1506	1805	2092	2364	2914
2000	watt 90/70/20 ΔT:60	1535	1941	2327	2697	3047	3755
	kcal 90/70/20 ΔT:60	1323	1673	2006	2325	2627	3237
2200	watt 90/70/20 ΔT:60	1688	2135	2559	2966	3352	4131
	kcal 90/70/20 ΔT:60	1455	1840	2206	2557	2890	3561
2400	watt 90/70/20 ΔT:60	1842	2329	2792	3236	3657	4506
	kcal 90/70/20 ΔT:60	1588	2008	2407	2790	3152	3885
2600	watt 90/70/20 ΔT:60	1995	2523	3025	3506	3962	4882
	kcal 90/70/20 ΔT:60	1720	2175	2607	3022	3415	4209
2800	watt 90/70/20 ΔT:60	2148	2717	3257	3775	4266	5257
	kcal 90/70/20 ΔT:60	1852	2342	2808	3255	3678	4532
3000	watt 90/70/20 ΔT:60	2302	2911	3490	4045	4571	5633
	kcal 90/70/20 ΔT:60	1984	2509	3009	3487	3941	4856

DIMENSIONAL FEATURES					
Type	Nominal Size (mm)	Center of Distance (mm)	Width (mm)	Length Min. - Max. (mm)	Water Content (L/m)
20 PP	300	245	70	400 - 3000	3,1
	400	345	70	400 - 3000	4,4
	500	445	70	400 - 3000	5,3
	600	545	70	400 - 3000	6,2
	700	645	70	400 - 3000	7,2
	900	845	70	400 - 3000	9,6



Type 21

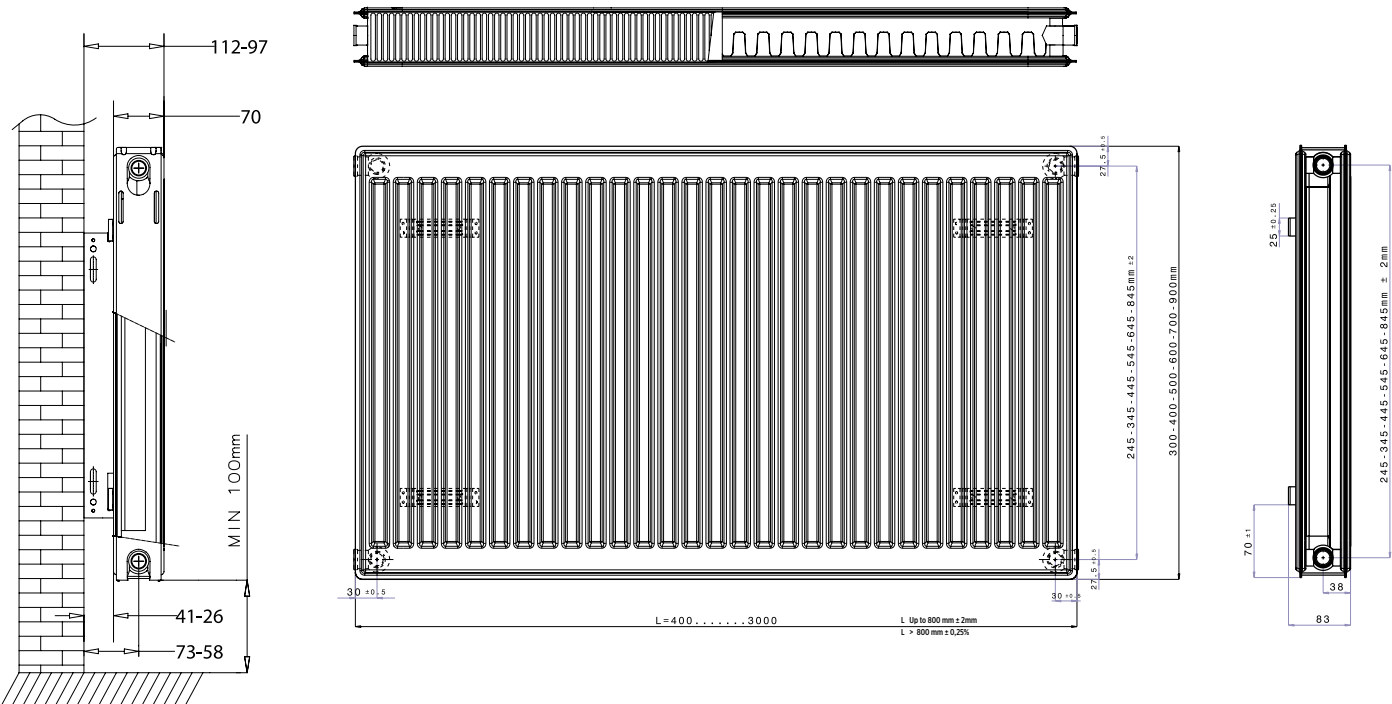
Width (mm)	70
Height (mm)	300-400-500-600-700-900
Length (mm)	400-3000
Interval for length (mm)	1400-1600: 100 1600-3000: 200



			Type 21					
watt - kcal			height					
n-coefficient			1,28	1,29	1,30	1,30	1,30	1,31
Length		C	300	400	500	600	700	900
400	watt	75/65/20 ΔT:50	309	394	474	550	622	756
	kcal	75/65/20 ΔT:50	266	339	408	474	536	652
500	watt	75/65/20 ΔT:50	386	492	592	687	777	946
	kcal	75/65/20 ΔT:50	333	424	510	592	670	815
600	watt	75/65/20 ΔT:50	463	590	710	824	932	1135
	kcal	75/65/20 ΔT:50	399	509	612	711	804	978
700	watt	75/65/20 ΔT:50	540	689	829	962	1088	1324
	kcal	75/65/20 ΔT:50	466	594	714	829	938	1141
800	watt	75/65/20 ΔT:50	618	787	947	1099	1243	1513
	kcal	75/65/20 ΔT:50	532	679	817	948	1072	1304
900	watt	75/65/20 ΔT:50	695	886	1066	1237	1399	1702
	kcal	75/65/20 ΔT:50	599	763	919	1066	1206	1467
1000	watt	75/65/20 ΔT:50	772	984	1184	1374	1554	1891
	kcal	75/65/20 ΔT:50	666	848	1021	1184	1340	1630
1100	watt	75/65/20 ΔT:50	849	1082	1302	1511	1709	2080
	kcal	75/65/20 ΔT:50	732	933	1123	1303	1474	1793
1200	watt	75/65/20 ΔT:50	926	1181	1421	1649	1865	2269
	kcal	75/65/20 ΔT:50	799	1018	1225	1421	1608	1956
1300	watt	75/65/20 ΔT:50	1004	1279	1539	1786	2020	2458
	kcal	75/65/20 ΔT:50	865	1103	1327	1540	1742	2119
1400	watt	75/65/20 ΔT:50	1081	1378	1658	1924	2176	2647
	kcal	75/65/20 ΔT:50	932	1188	1429	1658	1876	2282
1500	watt	75/65/20 ΔT:50	1158	1476	1776	2061	2331	2837
	kcal	75/65/20 ΔT:50	998	1272	1531	1777	2009	2445
1600	watt	75/65/20 ΔT:50	1235	1574	1894	2198	2486	3026
	kcal	75/65/20 ΔT:50	1065	1357	1633	1895	2143	2608
1800	watt	75/65/20 ΔT:50	1390	1771	2131	2473	2797	3404
	kcal	75/65/20 ΔT:50	1198	1527	1837	2132	2411	2934
2000	watt	75/65/20 ΔT:50	1544	1968	2368	2748	3108	3782
	kcal	75/65/20 ΔT:50	1331	1697	2041	2369	2679	3260
2200	watt	75/65/20 ΔT:50	1698	2165	2605	3023	3419	4160
	kcal	75/65/20 ΔT:50	1464	1866	2246	2606	2947	3586
2400	watt	75/65/20 ΔT:50	1853	2362	2842	3298	3730	4538
	kcal	75/65/20 ΔT:50	1597	2036	2450	2843	3215	3912
2600	watt	75/65/20 ΔT:50	2007	2558	3078	3572	4040	4917
	kcal	75/65/20 ΔT:50	1730	2206	2654	3080	3483	4238
2800	watt	75/65/20 ΔT:50	2162	2755	3315	3847	4351	5295
	kcal	75/65/20 ΔT:50	1863	2375	2858	3317	3751	4564
3000	watt	75/65/20 ΔT:50	2316	2952	3552	4122	4662	5673
	kcal	75/65/20 ΔT:50	1997	2545	3062	3553	4019	4891

			Type 21					
watt - kcal			height					
n-coefficient			1,28	1,29	1,30	1,30	1,30	1,31
Length	C		300	400	500	600	700	900
400	watt	90/70/20 ΔT:60	390	498	600	697	789	960
	kcal	90/70/20 ΔT:60	336	429	517	601	680	827
500	watt	90/70/20 ΔT:60	488	623	750	871	986	1200
	kcal	90/70/20 ΔT:60	421	537	647	751	850	1034
600	watt	90/70/20 ΔT:60	585	747	900	1046	1183	1440
	kcal	90/70/20 ΔT:60	505	644	776	901	1020	1241
700	watt	90/70/20 ΔT:60	683	872	1050	1220	1380	1680
	kcal	90/70/20 ΔT:60	589	751	905	1052	1190	1448
800	watt	90/70/20 ΔT:60	781	996	1200	1394	1577	1920
	kcal	90/70/20 ΔT:60	673	859	1034	1202	1360	1655
900	watt	90/70/20 ΔT:60	878	1121	1350	1568	1774	2160
	kcal	90/70/20 ΔT:60	757	966	1164	1352	1529	1862
1000	watt	90/70/20 ΔT:60	976	1245	1500	1743	1971	2400
	kcal	90/70/20 ΔT:60	841	1073	1293	1502	1699	2069
1100	watt	90/70/20 ΔT:60	1073	1370	1650	1917	2168	2639
	kcal	90/70/20 ΔT:60	925	1181	1422	1653	1869	2275
1200	watt	90/70/20 ΔT:60	1171	1494	1800	2091	2366	2879
	kcal	90/70/20 ΔT:60	1009	1288	1552	1803	2039	2482
1300	watt	90/70/20 ΔT:60	1268	1619	1950	2266	2563	3119
	kcal	90/70/20 ΔT:60	1093	1395	1681	1953	2209	2689
1400	watt	90/70/20 ΔT:60	1366	1743	2100	2440	2760	3359
	kcal	90/70/20 ΔT:60	1178	1503	1810	2103	2379	2896
1500	watt	90/70/20 ΔT:60	1464	1868	2250	2614	2957	3599
	kcal	90/70/20 ΔT:60	1262	1610	1940	2253	2549	3103
1600	watt	90/70/20 ΔT:60	1561	1992	2400	2788	3154	3839
	kcal	90/70/20 ΔT:60	1346	1717	2069	2404	2719	3310
1800	watt	90/70/20 ΔT:60	1756	2241	2700	3137	3548	4319
	kcal	90/70/20 ΔT:60	1514	1932	2327	2704	3059	3723
2000	watt	90/70/20 ΔT:60	1951	2490	3000	3485	3943	4799
	kcal	90/70/20 ΔT:60	1682	2147	2586	3005	3399	4137
2200	watt	90/70/20 ΔT:60	2146	2739	3300	3834	4337	5279
	kcal	90/70/20 ΔT:60	1850	2361	2845	3305	3739	4551
2400	watt	90/70/20 ΔT:60	2342	2988	3600	4182	4731	5759
	kcal	90/70/20 ΔT:60	2019	2576	3103	3606	4079	4965
2600	watt	90/70/20 ΔT:60	2537	3237	3900	4531	5125	6239
	kcal	90/70/20 ΔT:60	2187	2791	3362	3906	4418	5378
2800	watt	90/70/20 ΔT:60	2732	3486	4200	4880	5520	6719
	kcal	90/70/20 ΔT:60	2355	3005	3621	4207	4758	5792
3000	watt	90/70/20 ΔT:60	2927	3735	4500	5228	5914	7199
	kcal	90/70/20 ΔT:60	2523	3220	3879	4507	5098	6206

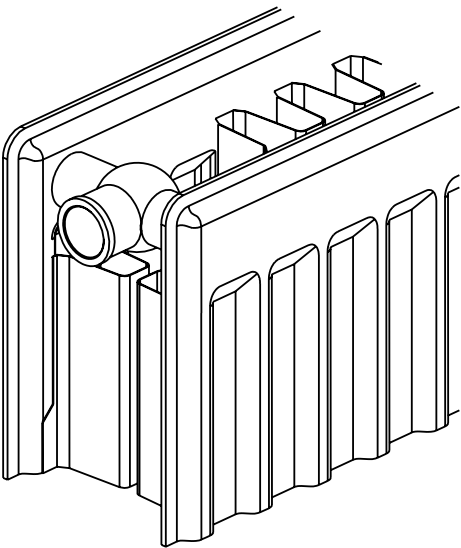
DIMENSIONAL FEATURES					
Type	Nominal Size (mm)	Center of Distance (mm)	Width (mm)	Length Min. - Max. (mm)	Water Content (L/m)
21 PKP	300	245	70	400 - 3000	3,4
	400	345	70	400 - 3000	4,2
	500	445	70	400 - 3000	5,1
	600	545	70	400 - 3000	6,0
	700	645	70	400 - 3000	7,2
	900	845	70	400 - 3000	9,6





Type 22

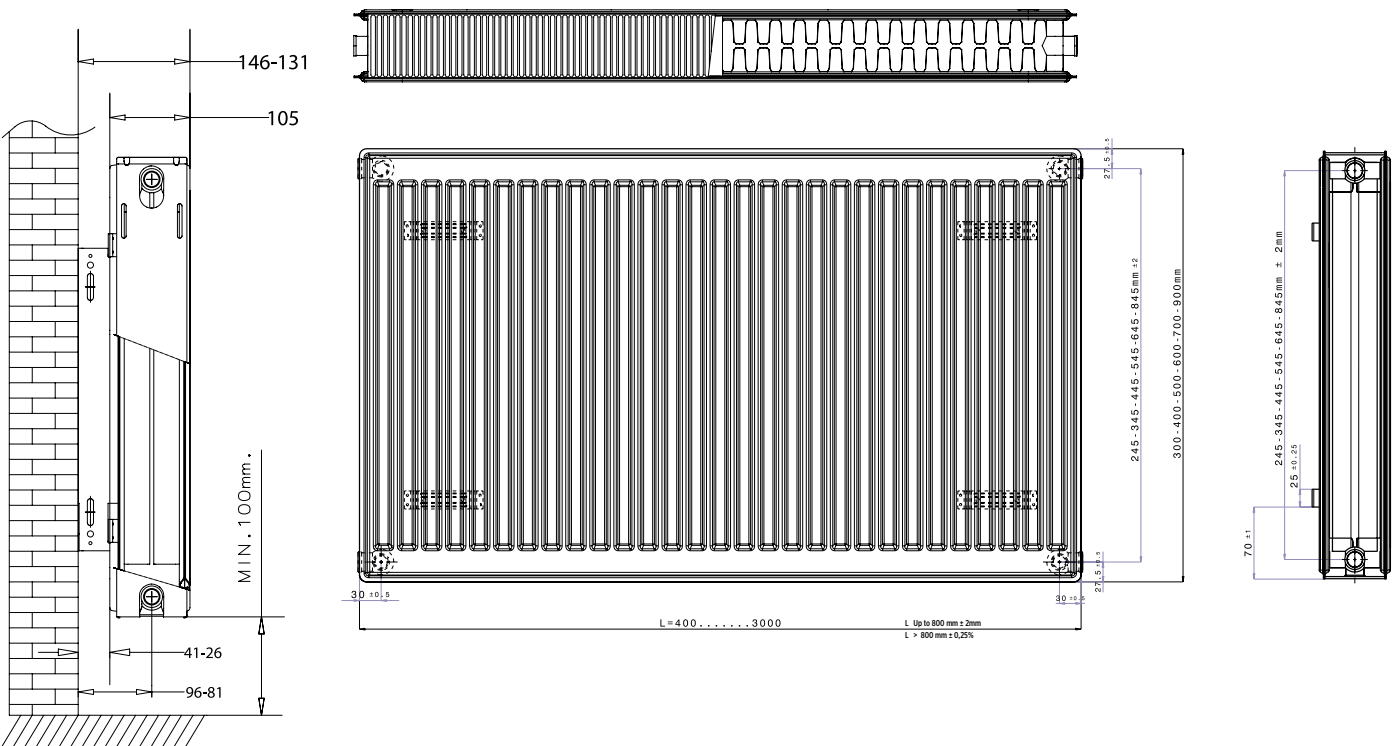
Width (mm)	105
Height (mm)	300-400-500-600-700-900
Length (mm)	400-3000
Interval for length (mm)	1400-1600: 100 1600-3000: 200



		Type 22					
watt - kcal		height					
n-coefficient		1,30	1,31	1,32	1,33	1,33	1,32
Length	C	300	400	500	600	700	900
400	watt	75/65/20 ΔT:50	392	504	609	714	805
	kcal	75/65/20 ΔT:50	338	434	525	615	694
500	watt	75/65/20 ΔT:50	491	630	762	892	1006
	kcal	75/65/20 ΔT:50	423	543	656	769	867
600	watt	75/65/20 ΔT:50	589	755	914	1070	1207
	kcal	75/65/20 ΔT:50	507	651	788	923	1041
700	watt	75/65/20 ΔT:50	687	881	1066	1249	1408
	kcal	75/65/20 ΔT:50	592	760	919	1077	1214
800	watt	75/65/20 ΔT:50	785	1007	1218	1427	1610
	kcal	75/65/20 ΔT:50	677	868	1050	1230	1388
900	watt	75/65/20 ΔT:50	883	1133	1371	1606	1811
	kcal	75/65/20 ΔT:50	761	977	1182	1384	1561
1000	watt	75/65/20 ΔT:50	981	1259	1523	1784	2012
	kcal	75/65/20 ΔT:50	846	1085	1313	1538	1734
1100	watt	75/65/20 ΔT:50	1079	1385	1675	1962	2213
	kcal	75/65/20 ΔT:50	930	1194	1444	1692	1908
1200	watt	75/65/20 ΔT:50	1177	1511	1828	2141	2414
	kcal	75/65/20 ΔT:50	1015	1302	1576	1846	2081
1300	watt	75/65/20 ΔT:50	1275	1637	1980	2319	2616
	kcal	75/65/20 ΔT:50	1099	1411	1707	1999	2255
1400	watt	75/65/20 ΔT:50	1373	1763	2132	2498	2817
	kcal	75/65/20 ΔT:50	1184	1519	1838	2153	2428
1500	watt	75/65/20 ΔT:50	1472	1889	2285	2676	3018
	kcal	75/65/20 ΔT:50	1269	1628	1969	2307	2602
1600	watt	75/65/20 ΔT:50	1570	2014	2437	2854	3219
	kcal	75/65/20 ΔT:50	1353	1737	2101	2461	2775
1800	watt	75/65/20 ΔT:50	1766	2266	2741	3211	3622
	kcal	75/65/20 ΔT:50	1522	1954	2363	2768	3122
2000	watt	75/65/20 ΔT:50	1962	2518	3046	3568	4024
	kcal	75/65/20 ΔT:50	1691	2171	2626	3076	3469
2200	watt	75/65/20 ΔT:50	2158	2770	3351	3925	4426
	kcal	75/65/20 ΔT:50	1861	2388	2888	3383	3816
2400	watt	75/65/20 ΔT:50	2354	3022	3655	4282	4829
	kcal	75/65/20 ΔT:50	2030	2605	3151	3691	4163
2600	watt	75/65/20 ΔT:50	2551	3273	3960	4638	5231
	kcal	75/65/20 ΔT:50	2199	2822	3414	3999	4510
2800	watt	75/65/20 ΔT:50	2747	3525	4264	4995	5634
	kcal	75/65/20 ΔT:50	2368	3039	3676	4306	4857
3000	watt	75/65/20 ΔT:50	2943	3777	4569	5352	6036
	kcal	75/65/20 ΔT:50	2537	3256	3939	4614	5203

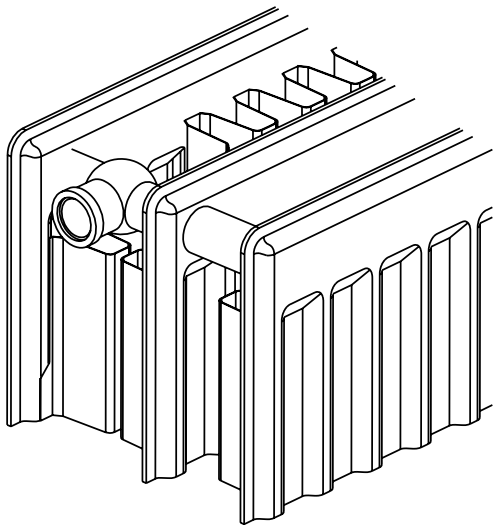
		Type 22					
watt - kcal		height					
n-coefficient		1,30	1,31	1,32	1,33	1,33	1,32
Length	C	300	400	500	600	700	900
400	watt	90/70/20 ΔT:60	497	639	775	910	1026
	kcal	90/70/20 ΔT:60	428	551	668	785	884
500	watt	90/70/20 ΔT:60	621	799	969	1138	1282
	kcal	90/70/20 ΔT:60	535	689	835	981	1105
600	watt	90/70/20 ΔT:60	745	959	1163	1365	1538
	kcal	90/70/20 ΔT:60	643	827	1002	1177	1326
700	watt	90/70/20 ΔT:60	870	1119	1357	1593	1795
	kcal	90/70/20 ΔT:60	750	964	1169	1373	1547
800	watt	90/70/20 ΔT:60	994	1278	1550	1820	2051
	kcal	90/70/20 ΔT:60	857	1102	1336	1569	1768
900	watt	90/70/20 ΔT:60	1118	1438	1744	2048	2308
	kcal	90/70/20 ΔT:60	964	1240	1504	1765	1989
1000	watt	90/70/20 ΔT:60	1242	1598	1938	2275	2564
	kcal	90/70/20 ΔT:60	1071	1378	1671	1962	2210
1100	watt	90/70/20 ΔT:60	1366	1758	2132	2503	2820
	kcal	90/70/20 ΔT:60	1178	1515	1838	2158	2431
1200	watt	90/70/20 ΔT:60	1491	1918	2325	2730	3077
	kcal	90/70/20 ΔT:60	1285	1653	2005	2354	2652
1300	watt	90/70/20 ΔT:60	1615	2078	2519	2958	3333
	kcal	90/70/20 ΔT:60	1392	1791	2172	2550	2873
1400	watt	90/70/20 ΔT:60	1739	2237	2713	3186	3590
	kcal	90/70/20 ΔT:60	1499	1929	2339	2746	3095
1500	watt	90/70/20 ΔT:60	1863	2397	2907	3413	3846
	kcal	90/70/20 ΔT:60	1606	2067	2506	2942	3316
1600	watt	90/70/20 ΔT:60	1988	2557	3101	3641	4102
	kcal	90/70/20 ΔT:60	1713	2204	2673	3138	3537
1800	watt	90/70/20 ΔT:60	2236	2877	3488	4096	4615
	kcal	90/70/20 ΔT:60	1928	2480	3007	3531	3979
2000	watt	90/70/20 ΔT:60	2485	3196	3876	4551	5128
	kcal	90/70/20 ΔT:60	2142	2755	3341	3923	4421
2200	watt	90/70/20 ΔT:60	2733	3516	4263	5006	5641
	kcal	90/70/20 ΔT:60	2356	3031	3675	4315	4863
2400	watt	90/70/20 ΔT:60	2981	3835	4651	5461	6154
	kcal	90/70/20 ΔT:60	2570	3306	4009	4708	5305
2600	watt	90/70/20 ΔT:60	3230	4155	5038	5916	6666
	kcal	90/70/20 ΔT:60	2784	3582	4343	5100	5747
2800	watt	90/70/20 ΔT:60	3478	4475	5426	6371	7179
	kcal	90/70/20 ΔT:60	2999	3858	4678	5492	6189
3000	watt	90/70/20 ΔT:60	3727	4794	5814	6826	7692
	kcal	90/70/20 ΔT:60	3213	4133	5012	5885	6631

DIMENSIONAL FEATURES					
Type	Nominal Size (mm)	Center of Distance (mm)	Width (mm)	Length Min. - Max. (mm)	Water Content (L/m)
22 PKKP	300	245	105	400 - 3000	3,5
	400	345	105	400 - 3000	4,4
	500	445	105	400 - 3000	5,3
	600	545	105	400 - 3000	6,2
	700	645	105	400 - 3000	7,2
	900	845	105	400 - 3000	9,3



Type 33

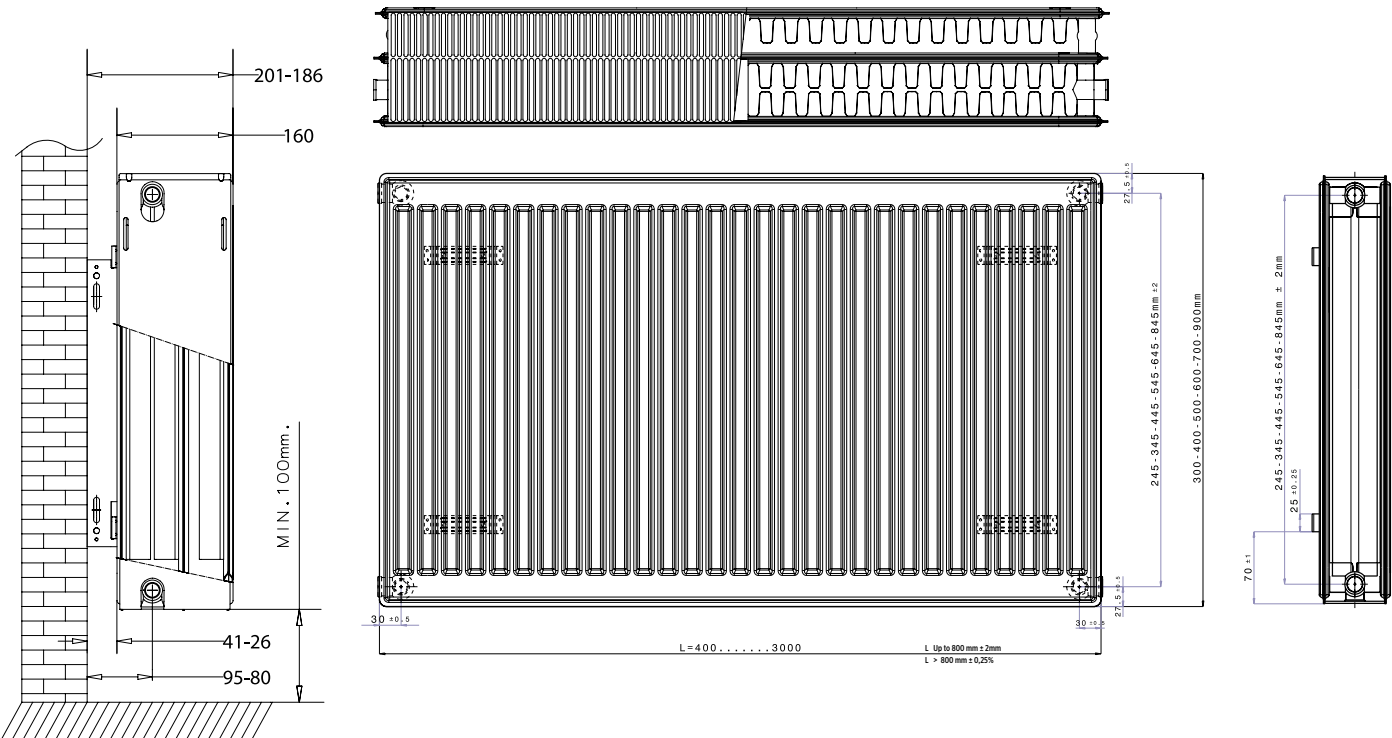
Width (mm)	160
Height (mm)	300-400-500-600-700-900
Length (mm)	400-3000
Interval for length (mm)	1400-1600: 100 1600-3000: 200



		Type 33					
		watt - kcal		height			
		n-coefficient		1,30	1,31	1,32	1,31
Length	C						
400	watt	75/65/20 ΔT:50	556	719	871	1014	1390
	kcal	75/65/20 ΔT:50	480	620	751	874	1198
500	watt	75/65/20 ΔT:50	696	899	1089	1267	1738
	kcal	75/65/20 ΔT:50	600	775	938	1092	1498
600	watt	75/65/20 ΔT:50	835	1078	1306	1520	2085
	kcal	75/65/20 ΔT:50	719	929	1126	1311	1797
700	watt	75/65/20 ΔT:50	974	1258	1524	1774	2433
	kcal	75/65/20 ΔT:50	839	1084	1314	1529	2097
800	watt	75/65/20 ΔT:50	1113	1438	1742	2027	2780
	kcal	75/65/20 ΔT:50	959	1239	1501	1748	2397
900	watt	75/65/20 ΔT:50	1252	1617	1959	2281	3128
	kcal	75/65/20 ΔT:50	1079	1394	1689	1966	2696
1000	watt	75/65/20 ΔT:50	1391	1797	2177	2534	3475
	kcal	75/65/20 ΔT:50	1199	1549	1877	2184	2996
1100	watt	75/65/20 ΔT:50	1530	1977	2395	2787	3823
	kcal	75/65/20 ΔT:50	1319	1704	2064	2403	3295
1200	watt	75/65/20 ΔT:50	1669	2156	2612	3041	4170
	kcal	75/65/20 ΔT:50	1439	1859	2252	2621	3595
1300	watt	75/65/20 ΔT:50	1808	2336	2830	3294	4518
	kcal	75/65/20 ΔT:50	1559	2014	2440	2840	3894
1400	watt	75/65/20 ΔT:50	1947	2516	3048	3548	4865
	kcal	75/65/20 ΔT:50	1679	2169	2627	3058	4194
1500	watt	75/65/20 ΔT:50	2087	2696	3266	3801	5213
	kcal	75/65/20 ΔT:50	1799	2324	2815	3277	4494
1600	watt	75/65/20 ΔT:50	2226	2875	3483	4054	5560
	kcal	75/65/20 ΔT:50	1919	2479	3003	3495	4793
1800	watt	75/65/20 ΔT:50	2504	3235	3919	4561	6255
	kcal	75/65/20 ΔT:50	2158	2788	3378	3932	5392
2000	watt	75/65/20 ΔT:50	2782	3594	4354	5068	6950
	kcal	75/65/20 ΔT:50	2398	3098	3753	4369	5991
2200	watt	75/65/20 ΔT:50	3060	3953	4789	5575	7645
	kcal	75/65/20 ΔT:50	2638	3408	4129	4806	6591
2400	watt	75/65/20 ΔT:50	3338	4313	5225	6082	8340
	kcal	75/65/20 ΔT:50	2878	3718	4504	5243	7190
2600	watt	75/65/20 ΔT:50	3617	4672	5660	6588	9035
	kcal	75/65/20 ΔT:50	3118	4028	4879	5680	7789
2800	watt	75/65/20 ΔT:50	3895	5032	6096	7095	9730
	kcal	75/65/20 ΔT:50	3358	4338	5255	6117	8388
3000	watt	75/65/20 ΔT:50	4173	5391	6531	7602	10425
	kcal	75/65/20 ΔT:50	3597	4647	5630	6553	8987

		Type 33					
		watt - kcal		height			
		n-coefficient		1,30	1,31	1,32	1,33
Length	C						
400	watt	90/70/20 ΔT:60	705	912	1107	1291	1460
	kcal	90/70/20 ΔT:60	608	786	954	1113	1258
500	watt	90/70/20 ΔT:60	881	1140	1384	1613	1824
	kcal	90/70/20 ΔT:60	759	983	1193	1391	1573
600	watt	90/70/20 ΔT:60	1057	1368	1660	1936	2189
	kcal	90/70/20 ΔT:60	911	1179	1431	1669	1887
700	watt	90/70/20 ΔT:60	1233	1596	1937	2259	2554
	kcal	90/70/20 ΔT:60	1063	1376	1670	1947	2202
800	watt	90/70/20 ΔT:60	1410	1824	2214	2581	2919
	kcal	90/70/20 ΔT:60	1215	1573	1908	2225	2517
900	watt	90/70/20 ΔT:60	1586	2052	2490	2904	3284
	kcal	90/70/20 ΔT:60	1367	1769	2147	2503	2831
1000	watt	90/70/20 ΔT:60	1762	2280	2767	3227	3649
	kcal	90/70/20 ΔT:60	1519	1966	2385	2782	3146
1100	watt	90/70/20 ΔT:60	1938	2508	3044	3549	4014
	kcal	90/70/20 ΔT:60	1671	2162	2624	3060	3460
1200	watt	90/70/20 ΔT:60	2114	2736	3321	3872	4379
	kcal	90/70/20 ΔT:60	1823	2359	2863	3338	3775
1300	watt	90/70/20 ΔT:60	2290	2964	3597	4195	4744
	kcal	90/70/20 ΔT:60	1975	2555	3101	3616	4089
1400	watt	90/70/20 ΔT:60	2467	3192	3874	4517	5109
	kcal	90/70/20 ΔT:60	2126	2752	3340	3894	4404
1500	watt	90/70/20 ΔT:60	2643	3420	4151	4840	5473
	kcal	90/70/20 ΔT:60	2278	2948	3578	4172	4718
1600	watt	90/70/20 ΔT:60	2819	3648	4427	5162	5838
	kcal	90/70/20 ΔT:60	2430	3145	3817	4450	5033
1800	watt	90/70/20 ΔT:60	3171	4104	4981	5808	6568
	kcal	90/70/20 ΔT:60	2734	3538	4294	5007	5662
2000	watt	90/70/20 ΔT:60	3524	4560	5534	6453	7298
	kcal	90/70/20 ΔT:60	3038	3931	4771	5563	6291
2200	watt	90/70/20 ΔT:60	3876	5016	6088	7098	8028
	kcal	90/70/20 ΔT:60	3342	4324	5248	6119	6920
2400	watt	90/70/20 ΔT:60	4229	5472	6641	7744	8758
	kcal	90/70/20 ΔT:60	3645	4718	5725	6676	7550
2600	watt	90/70/20 ΔT:60	4581	5928	7195	8389	9487
	kcal	90/70/20 ΔT:60	3949	5111	6202	7232	8179
2800	watt	90/70/20 ΔT:60	4933	6384	7748	9034	10217
	kcal	90/70/20 ΔT:60	4253	5504	6679	7788	8808
3000	watt	90/70/20 ΔT:60	5286	6841	8301	9680	10947
	kcal	90/70/20 ΔT:60	4557	5897	7156	8345	9437

DIMENSIONAL FEATURES					
Type	Nominal Size (mm)	Center of Distance (mm)	Width (mm)	Length Min. - Max. (mm)	Water Content (L/m)
33 DKEK	300	245	160	400 - 3000	5,2
	400	345	160	400 - 3000	6,5
	500	445	160	400 - 3000	7,8
	600	545	160	400 - 3000	9,2
	700	645	105	400 - 3000	10,7
	900	845	160	400 - 3000	13,9





# Compact panel radiators

Test Pressure

13

bar

Max. Operation Pressure

10

bar

Max. Water Temperature

110

°C

Warranty

10

years

Number of Connection

6xDIN

°C



## Extensive product range

Warmhaus compact radiators fits perfectly every living space with its extensive product range.

- Six connections
- Thermostatic control
- Bottom connection
- High thermal efficiency
- Left/right/middle\* connection option
- With or without hanger



H Ventile

	Type 10	Type 11	Type 21
Width (mm)	47,5	50	70
Height (mm)	300-400-500-600-700-900	300-400-500-600-700-900	300-400-500-600-700-900
Length (mm)	400-3000	400-3000	400-3000

	Type 22	Type 33
Width (mm)	105	160
Height (mm)	300-400-500-600-700-900	300-400-500-600-700-900
Length (mm)	400-3000	400-3000

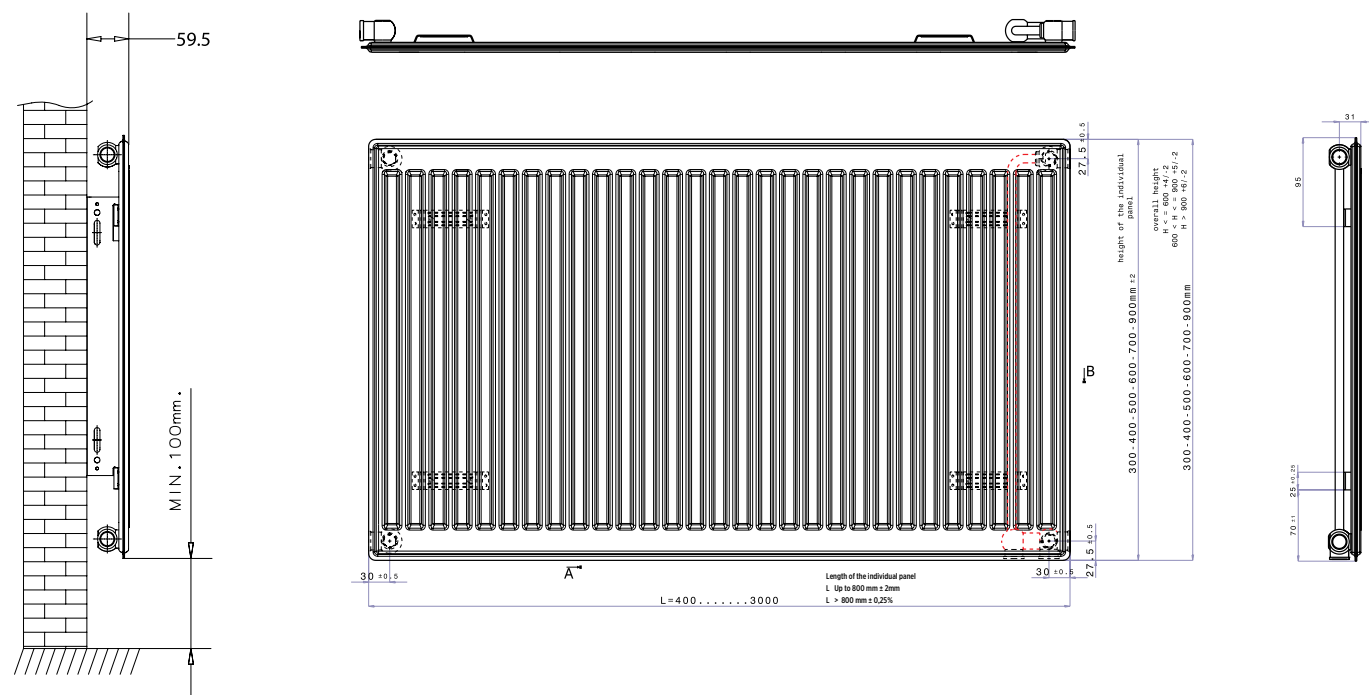
\*Please contact with your sales representative for middle connection option.



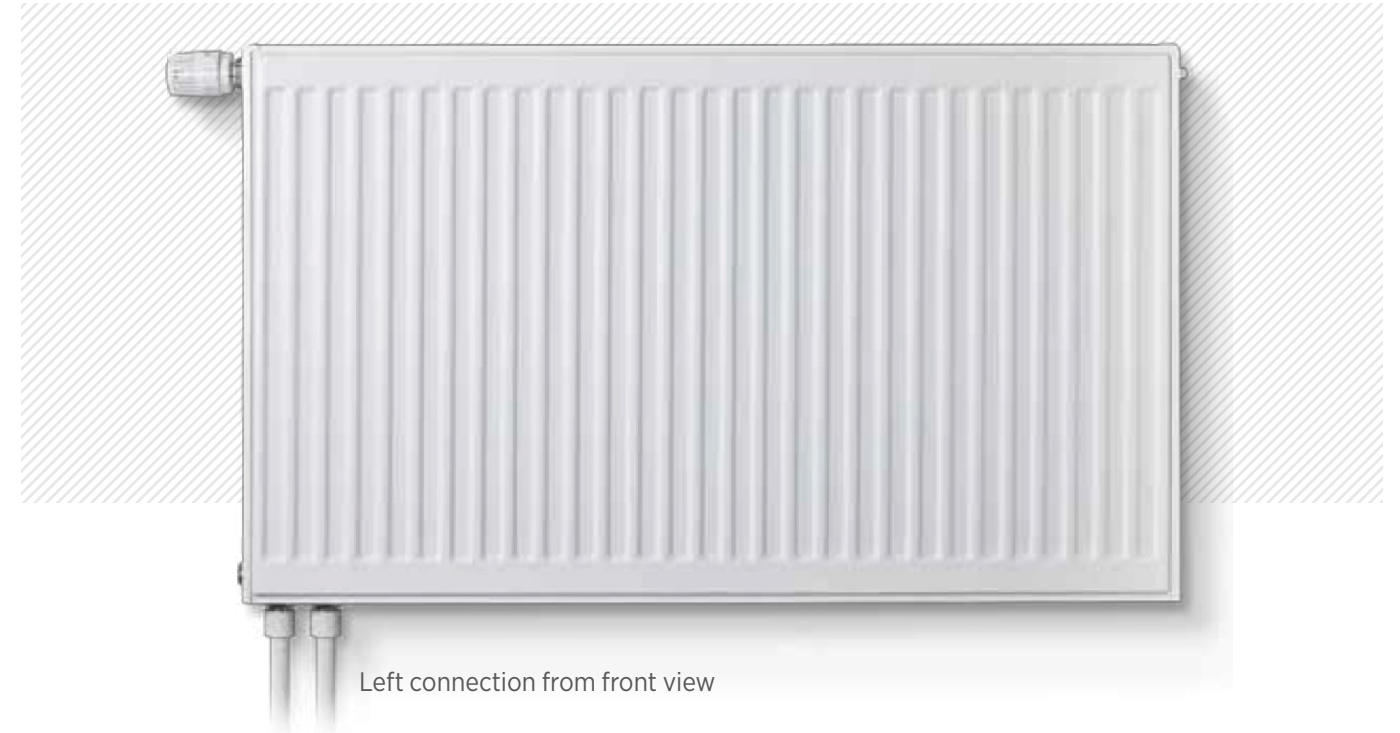
## Type 10 Compact



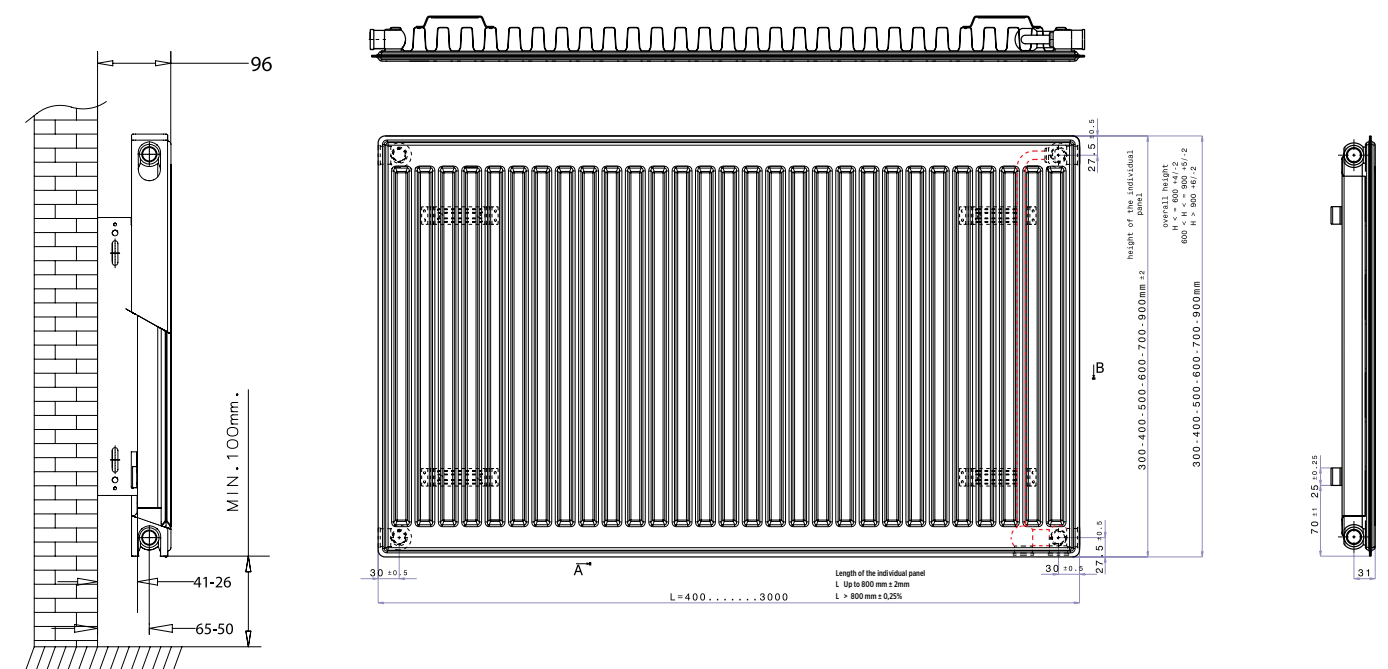
Right connection from back view



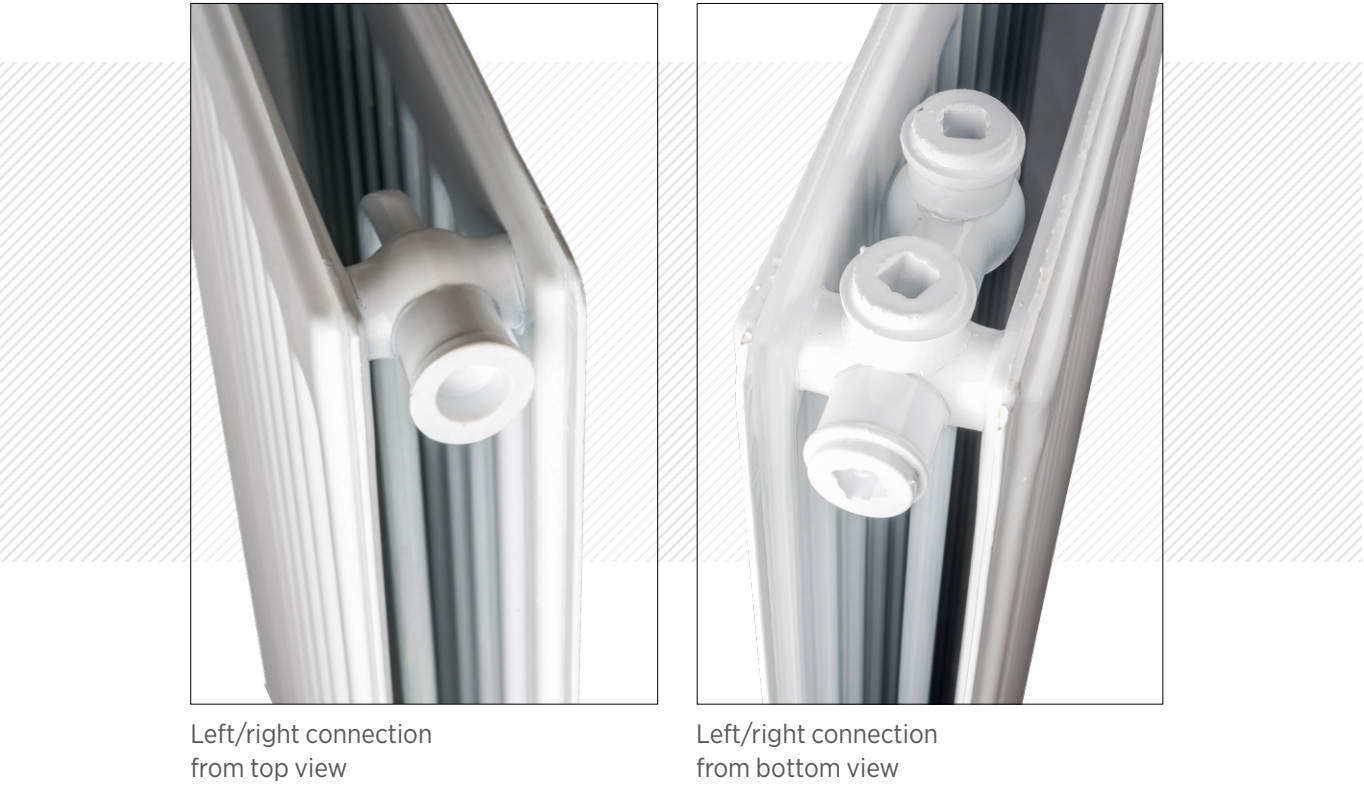
## Type 11 Compact



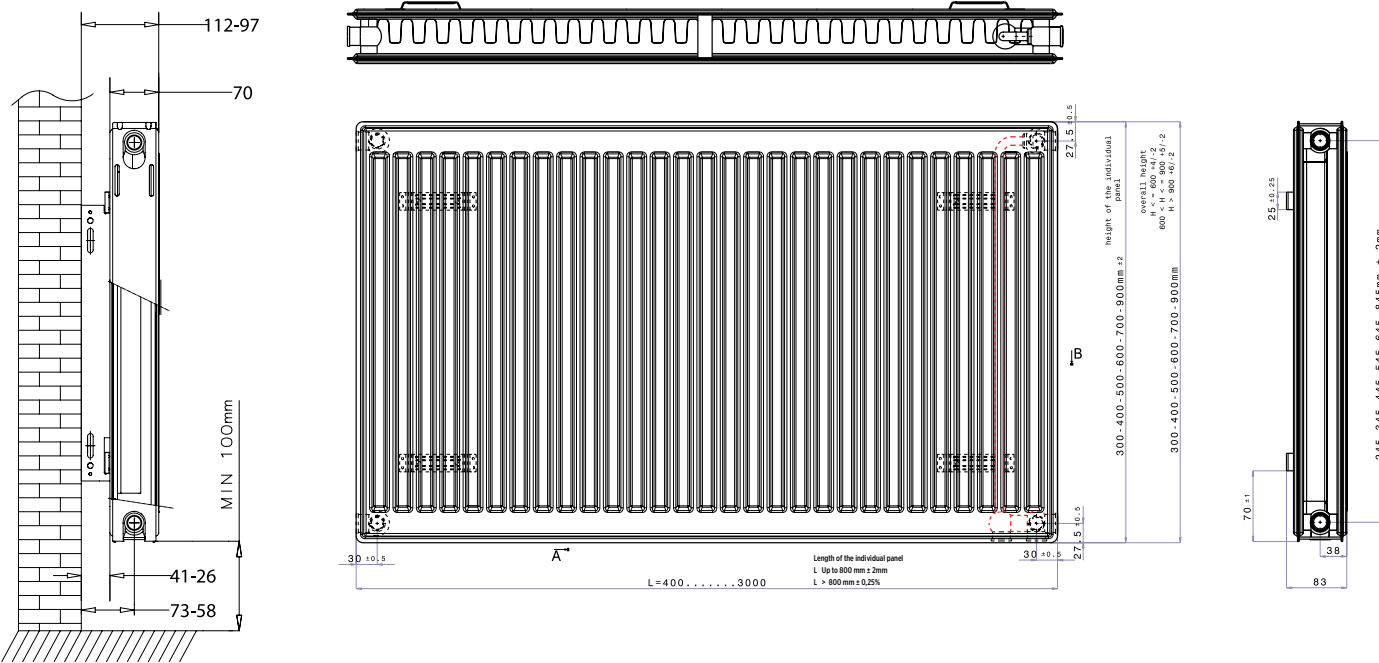
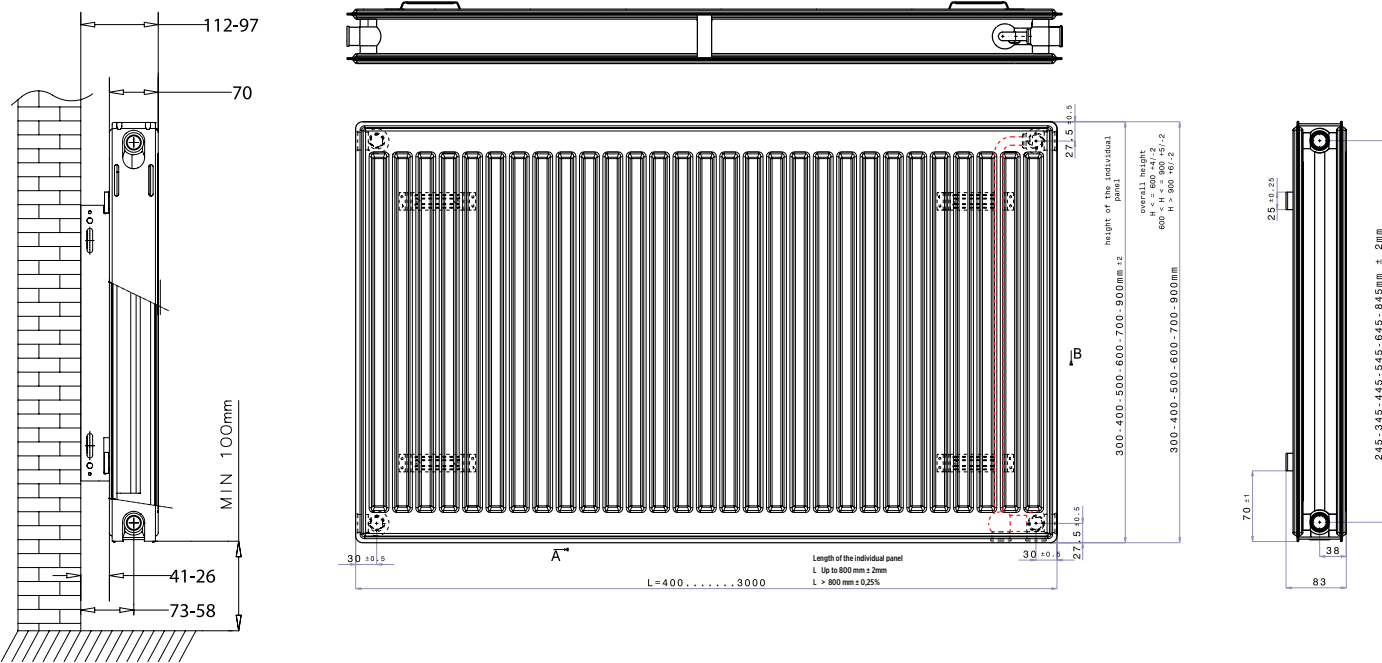
Left connection from front view



Type 20 Compact



Type 21 Compact





Type 22 Compact



Left/right connection from top view

Left/right connection from bottom view

Middle connection from top view

Middle connection from bottom view

Type 33 Compact



Right connection from front view

