

Verteo® Plan/Line

Heat output in watts

Height mm	Type 10						Type 20							
	1200	1400	1600	1800	2000	2200	1200	1400	1600	1800	2000	2200	2400	
Length mm	Heat output in watts/room temperature 20 °C													
300	Radiator exponent	1,4617	1,4677	1,4738	1,4798	1,4768	1,4738	1,3429	1,3197	1,2965	1,3163	1,3361	1,3323	1,3285
	watts 75/65 °C	398	453	509	564	620	676	569	652	733	811	888	963	1036
	70/55 °C	311	353	396	439	483	526	453	521	588	649	708	768	827
	55/45 °C	187	212	238	262	289	316	284	330	375	411	445	484	521
	45/40 °C	124	140	157	173	190	208	195	227	260	283	305	332	358
400	Radiator exponent	1,4224	1,4287	1,4350	1,4414	1,4370	1,4327	1,3365	1,3183	1,3001	1,3174	1,3346	1,3279	1,3213
	watts 75/65 °C	501	571	640	710	780	850	734	841	945	1046	1145	1241	1335
	70/55 °C	394	448	502	556	611	667	585	672	758	836	913	991	1067
	55/45 °C	240	273	305	337	371	405	368	425	483	529	574	625	674
	45/40 °C	161	182	203	224	247	270	252	293	334	365	394	429	464
500	Radiator exponent	1,3830	1,3897	1,3963	1,4029	1,3973	1,3916	1,3301	1,3170	1,3038	1,3184	1,3331	1,3235	1,3140
	watts 75/65 °C	598	682	765	848	932	1016	894	1024	1151	1274	1394	1512	1626
	70/55 °C	473	539	604	668	735	802	713	819	923	1019	1112	1208	1301
	55/45 °C	293	333	372	411	453	495	450	518	587	645	700	763	824
	45/40 °C	198	225	251	276	305	334	309	357	406	444	480	525	569
600	Radiator exponent	1,3437	1,3506	1,3575	1,3645	1,3575	1,3505	1,3238	1,3156	1,3074	1,3195	1,3315	1,3192	1,3068
	watts 75/65 °C	692	789	885	981	1078	1175	1050	1203	1352	1497	1638	1776	1910
	70/55 °C	551	627	703	778	856	934	839	962	1083	1197	1307	1420	1530
	55/45 °C	346	393	439	485	534	585	530	609	688	757	823	898	972
	45/40 °C	236	268	299	330	364	399	364	420	475	521	565	619	672
700	Radiator exponent	1,3043	1,3116	1,3188	1,3260	1,3177	1,3094	1,3174	1,3142	1,3111	1,3205	1,3300	1,3148	1,2995
	watts 75/65 °C	783	892	1001	1110	1219	1329	1203	1378	1549	1715	1877	2035	2189
	70/55 °C	628	714	800	886	975	1064	962	1103	1240	1371	1498	1628	1756
	55/45 °C	399	453	506	559	617	675	609	699	787	867	944	1031	1118
	45/40 °C	276	313	349	385	425	467	420	482	543	597	648	711	775
800	Radiator exponent	1,2650	1,2725	1,2801	1,2876	1,2780	1,2683	1,3110	1,3129	1,3147	1,3216	1,3285	1,3104	1,2923
	watts 75/65 °C	871	992	1113	1235	1356	1479	1353	1551	1742	1929	2112	2289	2463
	70/55 °C	703	799	896	993	1092	1193	1083	1241	1394	1541	1686	1833	1978
	55/45 °C	453	514	574	635	700	768	687	787	883	974	1063	1163	1263
	45/40 °C	317	359	400	441	488	537	474	543	609	671	730	803	877

Caution: For rooms with interrupted heating mode, a reheating factor, space-dependent where applicable, must be determined according to DIN EN 12831.

$$\Phi_{RH} = A \times f_{RH}$$

The radiators are dimensioned according to these tables with the standard heating load Φ_{HL} determined taking account of the additional heat load (Φ_{RH}). This additional heating output must be agreed with the customer/principal.

Radiator dimensioning: A conversion table with correction factors for deviating design temperatures can be found using the keyword the keyword "Radiator dimensioning/correction factors", see page 156/157.

Verteo Plan/Line	Radiation component
Type 10	50 %
Type 20	45 %
Type 21	30 %
Type 22	30 %

