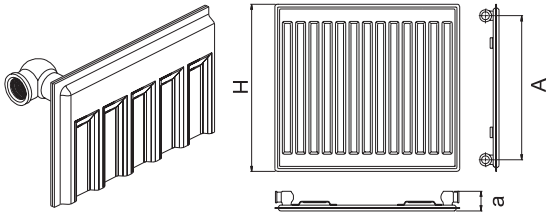
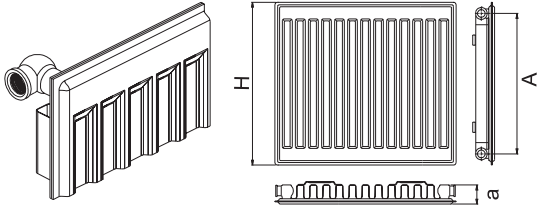


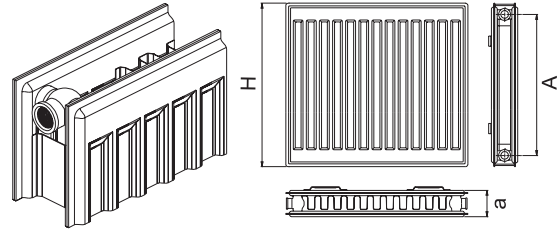
TYPE 10 P



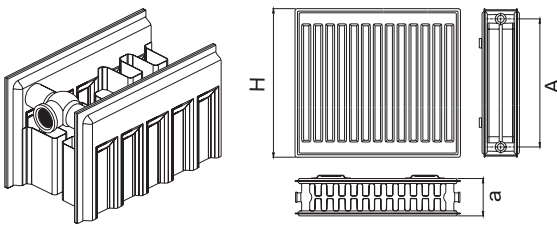
TYPE 11 PK



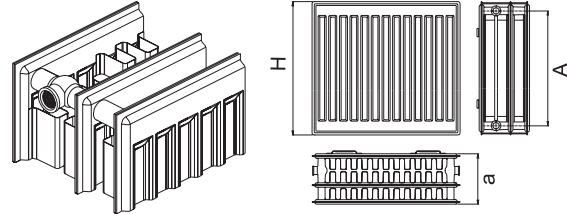
TYPE 21 PKP



TYPE 22 PKKP

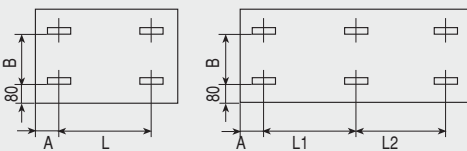


TYPE 33 PKPKP



TYPE	DIMENSIONS (mm)		WEIGHT (kg/m)	WATER CONTENT (Lt/m)
	HEIGHT (H)	A		
TYPE 10 P	300	245	6.7	1.8
	400	345	8.8	2.1
	500	445	10.9	2.5
	600	545	12.8	2.8
	750	695	15.5	3.4
	900	845	18.9	4.0
TYPE 11 PK	300	245	9.2	1.8
	400	345	12.3	2.1
	500	445	15.4	2.5
	600	545	18.5	2.8
	750	695	22.9	3.4
	900	845	28.1	4.0
TYPE 21 PKP	300	245	15.7	3.6
	400	345	20.9	4.2
	500	445	26.1	5.0
	600	545	31.3	5.6
	750	695	38.0	6.8
	900	845	47.1	8.0
TYPE 22 PKKP	300	245	18.7	3.6
	400	345	25.0	4.2
	500	445	31.3	5.0
	600	545	37.5	5.6
	750	695	45.6	6.8
	900	845	56.9	8.0
TYPE 33 PKPKP	300	245	28.1	5.4
	400	345	37.5	6.3
	500	445	46.9	7.5
	600	545	56.3	8.4
	750	695	68.5	10.2
	900	845	85.4	12.0

SUSPENSION BRACKET DIMENSIONS



For lengths between 400-1700 mm.

TYPE	A
10-21-22-33	100
11	116.5

L=Radiator Length-2xA

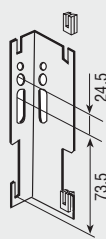
RADIATOR HEIGHT	B
300	115
400	215
500	315
600	415
750	565
900	715

For lengths between 1800-3000 mm.

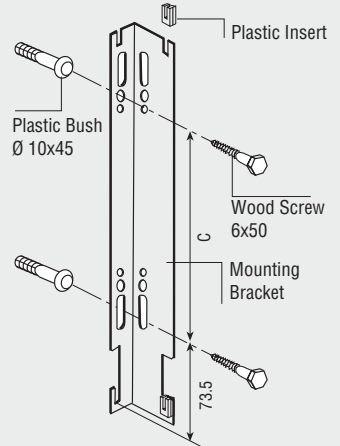
RADIATOR LENGTH	TYPE: 10-21-22-33		TYPE: 11	
	L1	L2	L1	L2
1800	800	800	766.5	800
2000	900	900	866.5	900
2200	1000	1000	966.5	1000
2400	1100	1100	1066.5	1100
2600	1200	1200	1166.5	1200
2800	1300	1300	1266.5	1300
3000	1400	1400	1366.5	1400

MOUNTING BRACKET DIMENSIONS

300 mm HEIGHT



400-500-600-750-900 mm HEIGHT



The mounting bracket can be installed either on the wide or the narrow side, depending on the installation requirements.

RADIATOR HEIGHT	C
400	92.5
500	192.5
600	292.5
750	442.5
900	592.5

All the dimensions are given in mm.

CONVERSION TABLE: F: Factors for differences between mean water temperature and room temperature in °C other than 60°C.
T: Mean water temperature - Room temperature.

ΔT	5°C	10°C	15°C	20°C	25°C	30°C	35°C	40°C	45°C	50°C	55°C	60°C	65°C	70°C	75°C
	0.050	0.123	0.209	0.304	0.406	0.515	0.629	0.748	0.872	1.000	1.132	1.267	1.406	1.549	1.694
	0.040	0.097	0.165	0.240	0.320	0.406	0.496	0.590	0.688	0.798	0.893	1.000	1.110	1.222	1.337

PANEL RADIATORS HEAT OUTPUT (kcal/h) - DIN EN 442																	
TYPE	Height (mm)	75/65 °C (Mean Water Temperature 70 °C)								90/70 °C (Mean Water Temperature 80 °C)							
		ROOM TEMPERATURE								ROOM TEMPERATURE							
		10	12	15	18	20	22	24	26	10	12	15	18	20	22	24	26
10-P	300	349	334	312	290	276	263	249	235	424	409	386	363	349	334	334	305
	400	443	424	397	369	351	333	315	298	541	521	491	462	443	424	424	387
	500	539	516	481	448	426	404	382	361	658	633	597	562	539	516	516	470
	600	636	609	568	528	502	476	450	425	776	748	706	664	636	609	609	554
	750	787	752	701	652	619	587	555	523	963	927	874	821	787	752	752	685
11-PK	300	562	537	501	465	442	418	396	374	689	663	624	587	562	537	537	489
	400	726	694	647	601	571	541	511	482	888	855	806	757	726	694	694	632
	500	881	843	787	731	694	658	622	587	1079	1039	979	920	881	843	843	768
	600	1031	986	920	855	813	770	728	687	1262	1214	1145	1077	1031	986	986	899
	750	1245	1191	1111	1033	981	930	881	831	1522	1465	1381	1299	1245	1191	1191	1085
21-PKP	300	811	775	722	670	635	602	568	535	997	959	903	848	811	775	775	704
	400	1034	988	921	855	811	768	726	683	1270	1221	1150	1080	1034	988	988	899
	500	1240	1186	1105	1026	974	923	872	822	1523	1465	1380	1296	1240	1186	1186	1078
	600	1433	1370	1277	1186	1127	1067	1009	952	1757	1690	1592	1497	1433	1370	1370	1247
	750	1696	1623	1514	1406	1336	1267	1198	1130	2077	1999	1884	1771	1696	1623	1623	1478
22-PKKP	300	1082	1034	963	893	848	803	759	715	1328	1278	1203	1130	1082	1034	1034	940
	400	1384	1323	1233	1144	1086	1029	973	917	1699	1634	1539	1446	1384	1384	1323	1203
	500	1668	1595	1486	1381	1311	1241	1173	1106	2046	1969	1855	1742	1668	1595	1595	1451
	600	1937	1851	1727	1604	1523	1443	1364	1286	2373	2284	2153	2022	1937	1851	1851	1685
	750	2312	2211	2062	1916	1820	1725	1631	1539	2830	2724	2567	2413	2312	2211	2211	2013
33-PKKPKP	300	2657	2543	2372	2204	2094	1986	1879	1772	3249	3129	2950	2773	2657	2543	2543	2316
	400	3017	2912	2719	2541	2425	2314	2204	2094	3715	3586	3397	3211	3026	2912	2912	2657
	500	3405	3302	3099	2912	2786	2661	2541	2425	4246	4107	3908	3715	3523	3405	3405	3102
	600	3821	3719	3505	3302	3166	3031	2912	2786	4831	4682	4473	4279	4086	4051	4051	3719
	750	4374	4262	4037	3821	3675	3530	3405	3279	5574	5415	5196	5002	4809	4809	4574	4262

PANEL RADIATORS HEAT OUTPUT (WATT) - DIN EN 442																	
TYPE	Height (mm)	75/65 °C (Mean Water Temperature 70 °C)								90/70 °C (Mean Water Temperature 80 °C)							
		ROOM TEMPERATURE								ROOM TEMPERATURE							
		10	12	15	18	20	22	24	26	10	12	15	18	20	22	24	26
10-P	300	405	388	362	337	321	305	289	273	493	475	448	422	405	388	388	354
	400	515	493	461	429	408	387	366	346	628	605	571	537	515	493	493	450
	500	626	599	559	520	495	469	444	419	764	736	694	653	626	599	599	546
	600	739	707	660	613	583	553	523	494	902	869	820	771	739	707	707	644
	750	914	874	815	757	719	682	645	608	1119	1077	1015	954	914	874	874	796
11-PK	300	1098	1050	978	908	862	817	772	728	1347	1296	1221	1147	1098	1050	1050	955
	400	1441	1378	1284	1192	1132	1072	1013	955	1769	1702	1603	1506	1441	1378	1378	1253
	500	1766	1693	1599	1506	1446	1386	1327	1268	2181	2104	2005	1908	1843	1778	1778	1653
	600	2119	2036	1942	1849	1789	1730	1671	1612	2594	2507	2408	2311	2246	2181	2181	2056
	750	2502	2410	2316	2223	2164	2105	2046	1987	3107	3010	2911	2814	2749	2684	2684	2559
21-PKP	300	942	900	839	778	738	699	660	622	1158	1114	1049	985	942	900	900	818
	400	1201	1148	1070	993	942	892	843	794	1475	1419	1336	1255	1201	1148	1148	1044
	500	1441	1378	1284	1192	1132	1072	1013	955	1769	1702	1603	1506	1441	1378	1378	1253
	600	1665	1592	1484	1378	1309	1240	1172	1106	2041	1964	1850	1739	1665	1592	1592	1449
	750	1971	1886	1759	1634	1552	1472	1392	1313	2413	2323	2189	2058	1971	1886	1886	1717
22-PKKP	300	2247	2150	2006	1865	1772	1681	1590	1501	2746	2644	2493	2345	2247	2150	2150	1959
	400	2746	2644	2493	2345	2247	2150	2061	1972	3345	3243	3092	2944	2846	2846	2655	
	500	3243	3141	2990	2842	2749	2658	2567	2476	3944	3842	3691	3543	3445	3445	3254	
	600	3740	3638	3487	3339	3246	3155	3064	2973	4543	4441	4290	4142	4044	4044	3853	
	750	4237	4135	3984	3836	3743	3652	3561	3470	5142	5040	4889	4741	4643	4643	4452	
33-PKKPKP	300	1844	1763	1642	1524	1446	1369	1294	1219	2266	2180	2052	1927	1844	1763	1763	1602
	400	2336	2233	2081	1931	1833	1736	1640	1546	2869	2760	2599	2441	2336	2233	2233	2031
	500	2798	2675	2493	2314	2196	2080	1966	1853	3434	3305	3112	2923	2798	2675	2675	2433
	600	3235	3093	2883	2676	2541	2407	2275	2145	3968	3819	3597	3379	3235	3093	3093	2814
	750	3849	3681	3432	3187	3026	2867	2710	2556	4719	4541	4279	4020	3849	3681	3681	3350
900	4421	4228	3943	3662	3478	3296	3117	2940	5415	5212	4912	4616	4421	4228	4228	3849	

*Capacities are based on tests conducted on radiators without top grilles and side panels.

Heat output values are given for 1 m radiator length. Full range ΔT 50°C and ΔT 60°C outputs are available on request.
 DIN Geprüft logo use for type 10, 21, and 33. BSI Kitemark logo use for type 10, 11, 21, 22, and 33.