IMMERGAS
THE HEATING PEOPLE



IMMERPAN

Steel panel radiators

IMMERPAN, THE NEW LINE OF IMMERGAS RADIATORS

Immergas widens its range of products with a new line of steel panel radiators called Immerpan, made to give out heat in your home and guarantee the maximum ambient comfort.
Thanks to their thermal exchange high efficiency, the new panel radiators can meet any exigency of your customers, while their reduced dimensions and sober and elegant style allow to set them in any kind of home. The Immerpan range represents the ideal complement to all Immergas boilers.

CARE OF DETAILS AND GUARANTEED QUALITY

Immerpan radiators are made of 1,2 mm thick steel panels.
Their functioning is guaranteed with working pressures up to 10 bar and temperatures up to 110°C.
In confirmation of the high quality standard of the product, Immerpan radiators are guaranteed for 10 years.
The new Immerpan range is available in white colour RAL 9010. Immerpan radiators are made in accordance with the EN442 European standards, with computer-based production lines of the last generation.
The high production standards are assured by the quality system in accordance with the UNI EN ISO 9001:2000 regulations.

INSTALLATION AND PERFORMANCES

Immerpan radiators can be installed in heating systems with water up to 100°C and are specially recommended in low temperature heating systems, ideal to be combined with Immergas condensing boilers.
To obtain the maximum thermal emission the radiators should be installed following the recommended minimum distances: 4 cm from the wall, 12 cm from the floor, 10 cm from the upper part in case of a niche.
Each Immerpan radiator is packed separately using special protections to prevent damages during the transport. All assembling accessories are supplied with the product.

FIT FOR ALL EXIGENCIES

The Immerpan range is composed of 5 different product families, available both in the standard and compact version, with length between 400 and 3000 mm and height from 300 to 900 mm.
The standard models are production equipped with 4 side hydraulic connections and fixing shelves. The compact models (CV) are production equipped with 4 side and 2 lower hydraulic connections, thermostatic valve, blind plugs and fixing shelves.




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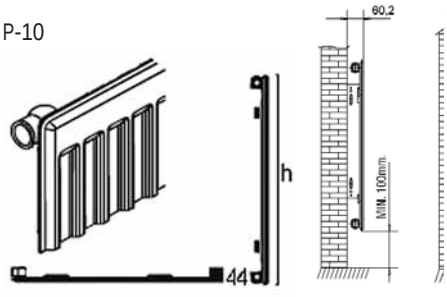
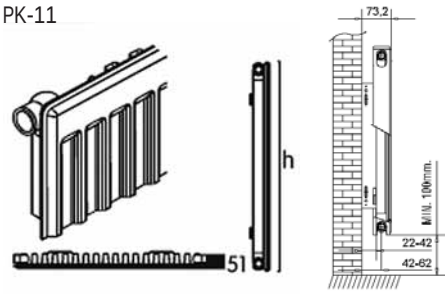
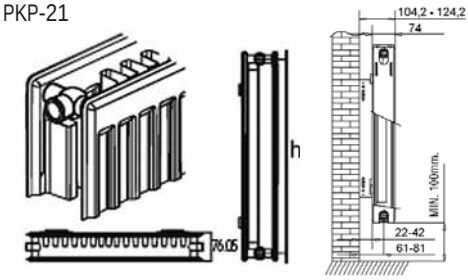
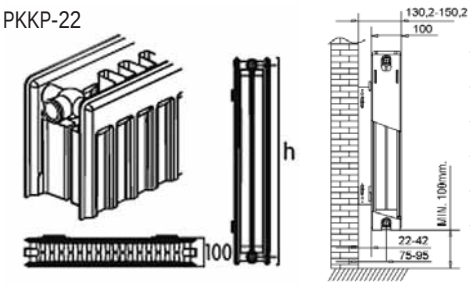
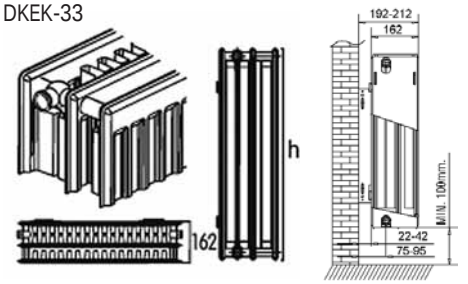
WATER CONTENT AND WEIGHT

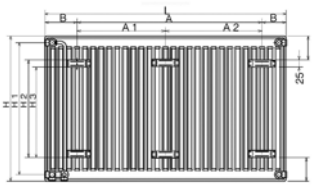
		Height (mm)	Water content (l/m)	Weight (kg/m)	
				Standard models	Compact models
P-10		300	1,65	6,05	6,17
		400	2,20	8,07	8,23
		500	2,75	10,08	10,29
		600	3,30	12,10	12,34
		700	3,85	14,12	-
		750	4,13	15,13	15,43
		900	4,95	18,15	18,51
PK-11		300	1,65	7,95	8,16
		400	2,20	10,60	10,60
		500	2,75	13,25	13,25
		600	3,30	15,90	15,90
		700	3,85	18,55	-
		750	4,13	19,88	19,88
		900	4,95	23,85	24,89
PKP-21		300	3,20	13,55	13,55
		400	4,27	18,07	18,07
		500	5,33	22,58	22,58
		600	6,40	27,10	27,10
		700	7,47	31,62	-
		750	8,00	33,88	33,88
		900	9,60	40,65	40,65
PKKP-22		300	3,10	16,90	15,20
		400	4,40	21,30	21,42
		500	5,30	26,50	27,03
		600	6,20	33,80	30,40
		700	7,23	39,43	-
		750	8,05	38,85	39,63
		900	9,60	47,30	48,25
DKEK-33		300	5,00	23,75	24,48
		400	6,67	31,67	30,73
		500	8,33	39,58	38,42
		600	10,00	47,50	46,10
		700	11,67	55,42	-
		750	12,50	59,38	57,63
		900	15,00	71,25	72,55

MAIN DIMENSIONS AND CONNECTIONS POSITION

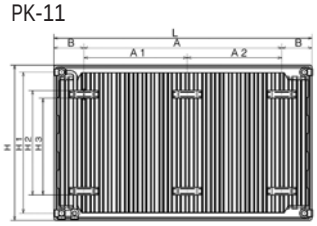
L	A	A1	A2	Number of hanging brackets
mm	mm	mm	mm	
400	233,4	-	-	4
500	333,4	-	-	4
600	433,4	-	-	4
700	-	-	-	4
750	533,4	-	-	4
800	633,4	-	-	4
900	733,4	-	-	4
1000	833,4	-	-	4
1100	933,4	-	-	4
1200	1033,4	-	-	4
1300	1133,4	-	-	4
1400	1233,4	-	-	4
1500	1333,4	-	-	4
1600	1433,4	-	-	4
1800	-	833,4	800	6
2000	-	933,4	900	6
2200	-	1033,4	1000	6
2400	-	1133,4	1100	6
2600	-	1233,4	1200	6
2800	-	1333,4	1300	6
3000	-	1433,4	1400	6

H	H1	H2	H3
mm	mm	mm	mm
300	245	160	135
400	345	260	235
500	445	360	335
600	545	460	435
700	645	560	535
750	695	610	585
900	845	760	735

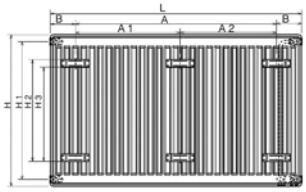
P-10



PK-11



PKP-21, PKKP-22, DKEK-33



Height (mm)

compact version standard version

Length (mm)

	P-10							PK-11									
	300	400	500	600	700	750	900	300	400	500	600	700	750	900	300	400	500
400	137	186	224	252	296	314	368	201	263	316	376	416	440	514	302	384	458
	145	181	217	254	-	306	352	200	264	316	368	-	447	515	304	380	455
500	171	233	281	315	371	393	460	251	329	395	470	521	551	643	378	480	573
	181	226	271	318	-	382	440	249	331	395	460	-	558	644	380	475	568
600	205	280	337	377	445	472	551	301	394	473	563	625	661	772	454	576	688
	217	272	325	381	-	458	528	299	397	474	551	-	670	773	456	570	682
700	239	326	393	440	519	550	643	351	460	552	657	729	771	900	529	672	802
	253	317	379	445	-	535	616	349	463	554	643	-	781	902	532	665	796
800	274	373	449	503	593	629	735	402	526	631	751	833	881	1029	605	768	917
	290	362	433	508	-	611	704	399	529	633	735	-	893	1031	608	760	909
900	308	419	505	566	667	707	827	452	591	710	845	937	991	1157	680	864	1031
	326	407	487	572	-	688	792	449	595	712	827	-	1005	1160	684	855	1023
1000	342	466	561	629	741	786	919	502	657	789	939	1041	1101	1286	756	960	1146
	362	453	541	635	-	764	880	499	661	791	919	-	1116	1289	760	950	1137
1100	376	513	617	692	815	865	1011	552	723	868	1033	1145	1211	1415	832	1056	1261
	398	498	595	699	-	840	968	549	727	870	1011	-	1228	1418	837	1045	1250
1200	410	559	673	755	889	943	1103	602	788	947	1127	1249	1321	1543	907	1152	1375
	435	543	650	762	-	917	1056	599	793	949	1103	-	1340	1546	913	1140	1364
1300	445	606	729	818	963	1022	1195	653	854	1026	1221	1353	1431	1672	983	1248	1490
	471	588	704	826	-	993	1144	649	860	1028	1195	-	1451	1675	989	1236	1478
1400	479	652	785	881	1037	1100	1287	703	920	1105	1315	1457	1541	1800	1058	1344	1604
	507	634	758	889	-	1070	1232	698	926	1107	1287	-	1563	1804	1065	1331	1591
1500	513	699	842	944	1112	1179	1379	753	986	1184	1409	1562	1652	1929	1134	1440	1719
	543	679	812	953	-	1146	1319	748	992	1186	1379	-	1675	1933	1141	1426	1705
1600	547	746	898	1006	1186	1258	1470	803	1051	1262	1502	1666	1762	2058	1210	1536	1834
	579	724	866	1016	-	1223	1407	798	1058	1265	1470	-	1786	2062	1217	1521	1819
1800	616	839	1010	1132	1334	1415	1654	904	1183	1420	1690	1874	1982	2315	1361	1728	2063
	652	815	974	1143	-	1375	1583	898	1190	1423	1654	-	2009	2320	1369	1711	2046
2000	684	932	1122	1258	1482	1572	1838	1004	1314	1578	1878	2082	2202	2572	1512	1920	2292
	724	905	1083	1270	-	1528	1759	998	1322	1582	1838	-	2233	2577	1521	1901	2273
2200	752	1025	1234	1384	1630	1729	2022	1104	1445	1736	2066	2290	2422	2829	1663	2112	2521
	797	996	1191	1397	-	1681	1935	1097	1455	1740	2022	-	2456	2835	1673	2091	2501
2400	821	1118	1346	1510	1778	1886	2206	1205	1577	1894	2254	2498	2642	3086	1814	2304	2750
	869	1086	1299	1524	-	1834	2111	1197	1587	1898	2206	-	2679	3093	1825	2281	2728
2600	889	1212	1459	1635	1927	2044	2389	1305	1708	2051	2441	2707	2863	3344	1966	2496	2980
	941	1177	1407	1651	-	1987	2287	1297	1719	2056	2389	-	2903	3351	1977	2471	2955
2800	958	1305	1571	1761	2075	2201	2573	1406	1840	2209	2629	2915	3083	3601	2117	2688	3209
	1014	1267	1516	1778	-	2139	2463	1397	1851	2214	2573	-	3126	3608	2129	2661	3183
3000	1026	1398	1683	1887	2223	2358	2757	1506	1971	2367	2817	3123	3303	3858	2268	2880	3438
	1086	1358	1624	1906	-	2292	2639	1497	1984	2372	2757	-	3349	3866	2281	2851	3410

NOMINAL THERMAL OUTPUTS

Exchange thermal outputs for standard and compact models, with upper protection grille and side covers. The outputs are indicated in Watt and they were taken in accordance with the EN442 standard. Working temperatures at 75/65°C, room temperature at 20°C.

PKP-21				PKKP-22							DKEK-33						
600	700	750	900	300	400	500	600	700	750	900	300	400	500	600	700	750	900
532	600	634	736	372	480	569	675	728	780	906	523	653	784	929	1030	1088	1260
528	-	642	739	375	474	568	658	-	790	913	517	663	793	921	-	1119	1252
665	750	792	920	466	601	712	844	911	975	1133	654	816	980	1162	1287	1361	1575
661	-	802	924	469	592	710	823	-	987	1142	646	828	991	1152	-	1399	1565
797	900	950	1104	559	721	854	1012	1093	1170	1360	785	979	1175	1394	1544	1633	1890
793	-	963	1108	563	710	852	987	-	1184	1370	775	994	1189	1382	-	1679	1878
930	1050	1109	1288	652	841	996	1181	1275	1365	1586	916	1142	1371	1626	1802	1905	2205
925	-	1123	1293	656	829	993	1152	-	1382	1598	904	1160	1387	1612	-	1958	2191
1063	1200	1267	1472	745	961	1138	1350	1457	1560	1813	1046	1306	1567	1858	2059	2177	2520
1057	-	1284	1478	750	947	1135	1316	-	1579	1827	1033	1326	1585	1842	-	2238	2504
1196	1350	1426	1656	838	1081	1281	1518	1639	1755	2039	1177	1469	1763	2091	2317	2449	2835
1189	-	1444	1663	844	1065	1277	1481	-	1777	2055	1162	1491	1784	2073	-	2518	2818
1329	1500	1584	1840	931	1201	1423	1687	1821	1950	2266	1308	1632	1959	2323	2574	2721	3150
1321	-	1605	1847	938	1184	1419	1645	-	1974	2283	1292	1657	1982	2303	-	2798	3131
1462	1650	1742	2024	1024	1321	1565	1856	2003	2145	2493	1439	1795	2155	2555	2831	2993	3465
1453	-	1765	2032	1032	1302	1561	1810	-	2171	2512	1421	1823	2180	2533	-	3077	3444
1595	1800	1901	2208	1117	1441	1708	2024	2185	2340	2719	1570	1958	2351	2788	3089	3265	3780
1585	-	1926	2217	1125	1421	1703	1974	-	2369	2740	1550	1988	2378	2764	-	3357	3757
1728	1950	2059	2392	1210	1561	1850	2193	2367	2535	2946	1700	2122	2547	3020	3346	3537	4095
1717	-	2086	2402	1219	1539	1845	2139	-	2566	2968	1679	2154	2576	2994	-	3637	4070
1861	2100	2218	2576	1303	1681	1992	2362	2549	2730	3172	1831	2285	2743	3252	3604	3809	4410
1849	-	2247	2586	1313	1657	1987	2303	-	2764	3196	1808	2320	2774	3224	-	3917	4383
1994	2250	2376	2760	1397	1802	2135	2531	2732	2925	3399	1962	2448	2939	3485	3861	4082	4725
1982	-	2407	2771	1407	1776	2129	2468	-	2961	3425	1937	2485	2973	3455	-	4196	4696
2126	2400	2534	2944	1490	1922	2277	2699	2914	3120	3626	2093	2611	3134	3717	4118	4354	5040
2114	-	2568	2956	1500	1894	2271	2632	-	3158	3653	2066	2651	3171	3685	-	4476	5009
2392	2700	2851	3312	1676	2162	2561	3037	3278	3510	4079	2354	2938	3526	4181	4633	4898	5670
2378	-	2888	3325	1688	2131	2555	2961	-	3553	4110	2325	2982	3567	4145	-	5036	5635
2658	3000	3168	3680	1862	2402	2846	3374	3642	3900	4532	2616	3264	3918	4646	5148	5442	6300
2642	-	3209	3695	1876	2368	2839	3290	-	3948	4566	2583	3314	3963	4606	-	5595	6261
2924	3300	3485	4048	2048	2642	3131	3711	4006	4290	4985	2878	3590	4310	5111	5663	5986	6930
2906	-	3530	4064	2063	2604	3122	3619	-	4343	5023	2841	3645	4360	5067	-	6155	6887
3190	3600	3802	4416	2234	2882	3415	4049	4370	4680	5438	3139	3917	4702	5575	6178	6530	7560
3170	-	3851	4434	2251	2841	3406	3948	-	4738	5480	3100	3977	4756	5527	-	6714	7513
3455	3900	4118	4784	2421	3123	3700	4386	4735	5070	5892	3401	4243	5093	6040	6692	7075	8190
3435	-	4172	4803	2438	3078	3690	4277	-	5132	5936	3358	4308	5153	5988	-	7274	8140
3721	4200	4435	5152	2607	3363	3984	4724	5099	5460	6345	3662	4570	5485	6504	7207	7619	8820
3699	-	4493	5173	2626	3315	3974	4606	-	5527	6393	3616	4639	5549	6448	-	7833	8766
3987	4500	4752	5520	2793	3603	4269	5061	5463	5850	6798	3924	4896	5877	6969	7722	8163	9450
3963	-	4814	5542	2813	3551	4258	4935	-	5922	6850	3875	4971	5945	6909	-	8393	9392



CERTIFIED COMPANY
UNI EN ISO 9001:2000

IMMERGAS

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Immergas respects the environment and uses only recycled paper

Immergas reserves the right to make such changes to its products as are deemed necessary for their evolution, without prior notice. Cod. CE.0406 – Rev. 000 (ver. Mkt. Exp.) – 06/08

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