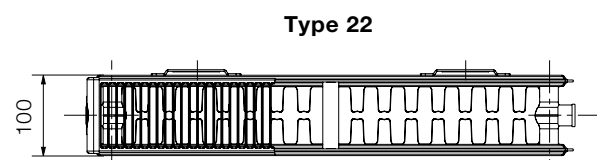
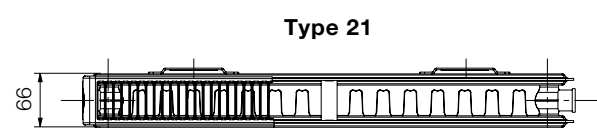
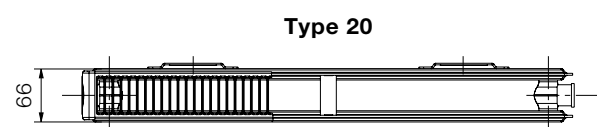
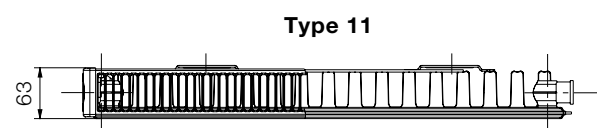
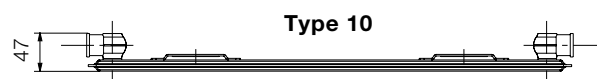
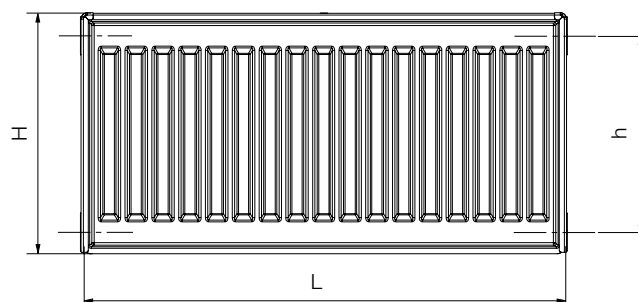




Description

RADIK KLASIK model is a steel panel radiator in KLASIK version which allows **left or right side connection** to the heating system circuit. It is intended for heating systems which are gravity or pressure fed. Two upper and lower hangers are welded at the back of the radiator. Radiators 1800 mm long and longer have six welded hangers. To select the mounting brackets, use the table on [page 82 and 83](#).

Overview of types



Technical data

Height H	300, 400, 500, 600, 700, 900 mm
Length L	400, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1400, 1600, 1800, 2000, 2300, 2600, 3000 mm
Connecting pitch	$h = H - 54$ mm
Connecting thread	4 × G 1/2" inside
Highest allowed working pressure	1,0 MPa
Highest allowed working temperature	110 °C
Radiator connection	left or right side

Examples of connection to the heating system



side - one side
 $\phi = 1$



side - two sides diagonal
 $\phi = 1$
recommended for: $L \geq 3 \times H$



side - two sides direct
 $\phi = 0,9$

☞ Heat output on [page 56–57](#).

☞ Ordering details are provided on [page 96](#).

RADIK VK, KLASIK

HEAT OUTPUT IN WATTS CERTIFIED TO EN 442

20 °C		Type 10 Type 10 VK						Type 11 Type 11 VK						Type 20 Type 20 VK		
Length L [mm]	t ₁ /t ₂ [°C]	Height H [mm]														
		300	400	500	600	700	900	300	400	500	600	700	900	500	600	700
400	75/65			206	242	278	350	220	283	343	401	456	558	335	391	447
	70/55			166	196	225	283	177	229	277	324	368	450	271	317	361
	55/45			105	125	143	179	112	145	176	205	233	284	173	201	228
	45/40			72	86	98	123	77	99	120	141	160	194	119	138	156
500	75/65	165	212	257	302	347	438	275	354	429	501	570	697	419	489	559
	70/55	133	171	208	245	281	354	222	286	347	405	460	562	339	396	451
	55/45	84	108	132	156	179	224	140	181	219	256	291	355	216	252	285
	45/40	57	74	91	107	123	154	96	124	150	176	199	243	148	173	195
600	75/65	198	254	308	362	416	525	329	425	515	601	683	836	503	587	670
	70/55	159	205	249	294	337	424	266	343	416	486	552	675	407	475	541
	55/45	100	129	158	187	214	269	168	217	263	308	349	426	259	302	342
	45/40	68	89	109	129	148	185	115	149	181	211	239	291	178	208	234
700	75/65			360	423	486	613	384	496	601	701	797	976	587	685	782
	70/55			291	343	393	495	310	400	485	567	644	787	475	554	631
	55/45			185	218	250	314	196	253	307	359	407	497	302	352	399
	45/40			127	150	172	215	134	174	211	246	279	340	208	242	273
800	75/65			411	483	555	700	439	566	686	802	911	1115	670	782	894
	70/55			333	392	450	566	355	457	555	648	736	900	543	633	721
	55/45			211	249	286	359	224	289	351	410	466	568	345	402	455
	45/40			145	172	197	246	154	198	241	281	319	388	237	277	312
900	75/65			463	544	625	788	494	637	772	902	1025	1255	754	880	1005
	70/55			374	440	506	637	399	515	624	729	828	1012	611	712	811
	55/45			237	281	322	404	252	326	395	462	524	639	388	453	512
	45/40			163	193	221	277	173	223	271	317	359	437	267	311	351
1000	75/65			514	604	694	875	549	708	858	1002	1139	1394	838	978	1117
	70/55			416	489	562	707	443	572	693	810	920	1125	678	792	901
	55/45			264	312	357	449	280	362	439	513	582	710	431	503	569
	45/40			181	215	246	308	192	248	301	352	399	486	297	346	390
1100	75/65			565	664	763	963	604	779	944	1102	1253	1533	922	1076	1229
	70/55			457	538	618	778	488	629	763	891	1012	1237	746	871	992
	55/45			290	343	393	493	308	398	483	564	640	781	474	553	626
	45/40			199	236	271	339	211	273	331	387	439	534	326	381	429
1200	75/65			617	725	833	1050	659	850	1030	1202	1367	1673	1006	1174	1340
	70/55			499	587	674	849	532	686	832	972	1104	1350	814	950	1082
	55/45			316	374	429	538	336	434	527	616	699	852	518	604	683
	45/40			217	258	295	369	230	298	361	422	479	583	356	415	467
1400	75/65			720	846	972	1225	769	991	1201	1403	1595	1952	1173	1369	1564
	70/55			582	685	787	990	621	801	970	1134	1288	1575	950	1108	1262
	55/45			369	437	500	628	392	507	614	718	815	994	604	704	797
	45/40			253	301	344	431	269	347	421	493	558	680	415	484	545
1600	75/65			822	966	1110	1400	878	1133	1373	1603	1822	2230	1341	1565	1787
	70/55			665	783	899	1132	709	915	1109	1296	1472	1800	1085	1266	1442
	55/45			422	499	572	718	449	579	702	821	931	1136	690	805	911
	45/40			290	344	394	493	307	397	481	563	638	777	475	554	623
1800	75/65			925	1087	1249		988	1274	1544	1804	2050		1508	1760	2011
	70/55			748	881	1011		798	1029	1248	1458	1656		1221	1425	1623
	55/45			475	561	643		505	651	790	923	1048		776	906	1025
	45/40			326	387	443		346	446	542	633	718		534	623	701
2000	75/65			1028	1208	1388		1098	1416	1716	2004	2278		1676	1956	2234
	70/55			831	979	1124		887	1144	1386	1620	1840		1357	1583	1803
	55/45			527	624	715		561	724	878	1026	1164		863	1006	1139
	45/40			362	430	492		384	496	602	704	798		593	692	779
2300	75/65									1973	2305	2620		1927	2249	2569
	70/55									1594	1862	2116		1560	1821	2073
	55/45									1009	1180	1339		992	1157	1310
	45/40									692	809	917		682	796	896
2600	75/65									2231	2605	2961		2179	2543	2904
	70/55									1802	2105	2392		1764	2058	2344
	55/45									1141	1334	1514		1121	1308	1480
	45/40									782	915	1037		771	900	1013
3000	75/65									2574	3006	3417		2514	2934	3351
	70/55									2080	2429	2760		2035	2375	2704
	55/45									1317	1539	1746		1294	1509	1708
	45/40									903	1055	1197		890	1038	1169

Q for other temperatures:  RADIK VK,  RADIK KLASIK



HEAT OUTPUT IN WATTS CERTIFIED TO EN 442

20 °C		Type 21 Type 21 VK						Type 22 Type 22 VK								Type 33 Type 33 VK							
Length L [mm]	t ₁ /t ₂ [°C]	Height H [mm]																					
		300	400	500	600	700	900	200	300	400	500	600	700	900	200	300	400	500	600	700	900		
400	75/65	298	375	447	515	580	702		386	486	581	672	759	925		552	695	832	962	1089	1331		
	70/55	240	302	360	415	466	563		311	392	468	541	610	742		447	562	670	774	875	1067		
	55/45	152	191	227	261	292	351		196	246	294	340	382	462		284	356	422	485	547	664		
	45/40	104	130	155	178	199	237		134	168	200	231	260	313		196	244	288	329	371	448		
500	75/65	373	469	559	644	725	877		483	608	726	840	949	1157		690	869	1040	1203	1362	1664		
	70/55	301	378	450	519	583	703		389	490	585	676	763	928		558	702	838	967	1093	1333		
	55/45	190	238	283	326	366	438		245	308	367	424	478	578		355	444	527	606	683	830		
	45/40	130	163	193	222	249	297		167	210	250	289	325	391		245	305	360	412	463	561		
600	75/65	447	562	670	773	870	1052		580	730	871	1007	1138	1388		827	1043	1247	1444	1634	1997		
	70/55	361	453	540	622	700	844		467	588	701	811	915	1113		670	842	1005	1160	1312	1600		
	55/45	228	286	340	391	439	526		294	370	441	509	573	694		426	533	633	727	820	996		
	45/40	156	195	232	267	298	356		200	252	300	347	390	469		294	366	432	494	556	673		
700	75/65	522	656	782	902	1015	1228		676	851	1016	1175	1328	1619		965	1217	1455	1684	1906	2330		
	70/55	421	529	630	726	816	985		545	686	818	946	1068	1299		782	983	1173	1354	1531	1867		
	55/45	266	334	397	457	512	614		343	431	514	594	669	809		497	622	738	848	957	1161		
	45/40	182	228	271	311	348	415		234	294	350	405	454	548		342	426	504	576	649	785		
800	75/65	596	750	894	1030	1160	1403	519	773	973	1162	1343	1518	1850	747	1103	1390	1663	1925	2178	2662		
	70/55	481	604	720	830	933	1125	423	623	783	935	1081	1220	1484	608	893	1123	1340	1547	1749	2134		
	55/45	304	381	453	522	585	701	273	392	493	588	679	764	925	391	569	711	844	969	1093	1327		
	45/40	208	260	310	356	398	475	190	267	336	401	462	519	626	272	391	487	576	658	741	897		
900	75/65	671	843	1005	1159	1305	1579	584	869	1094	1307	1511	1707	2082	841	1241	1564	1871	2165	2451	2995		
	70/55	541	680	810	934	1050	1266	476	700	881	1052	1216	1373	1670	684	1005	1264	1508	1741	1968	2400		
	55/45	342	429	510	587	658	789	308	441	554	661	764	860	1041	440	640	800	949	1090	1230	1493		
	45/40	234	293	348	400	447	534	214	301	378	451	520	584	704	306	440	548	648	741	834	1009		
1000	75/65	745	937	1117	1288	1450	1754	649	966	1216	1452	1679	1897	2313	934	1379	1738	2079	2406	2723	3328		
	70/55	601	756	900	1037	1166	1407	529	778	979	1169	1351	1525	1855	760	1117	1404	1675	1934	2187	2667		
	55/45	380	476	567	652	731	877	342	490	616	735	849	955	1156	489	711	889	1055	1211	1366	1659		
	45/40	260	326	387	445	497	593	238	334	420	501	578	649	782	340	489	609	720	823	927	1121		
1100	75/65	820	1031	1229	1417	1595	1929	714	1063	1338	1597	1847	2087	2544	1027	1517	1912	2287	2647	2995	3661		
	70/55	661	831	990	1141	1283	1547	582	856	1077	1286	1487	1678	2041	836	1228	1544	1843	2128	2405	2934		
	55/45	418	524	624	718	804	964	376	539	678	808	934	1051	1272	538	782	978	1160	1332	1503	1825		
	45/40	286	358	426	489	547	652	262	367	462	551	636	714	861	374	538	670	792	905	1019	1233		
1200	75/65	894	1124	1340	1546	1740	2105	779	1159	1459	1742	2015	2276	2776	1121	1655	2086	2495	2887	3268	3994		
	70/55	721	907	1080	1245	1399	1688	635	934	1175	1403	1622	1830	2226	912	1340	1685	2010	2321	2624	3200		
	55/45	456	572	680	783	877	1052	410	588	739	882	1019	1146	1387	587	853	1067	1266	1454	1640	1991		
	45/40	312	391	464	534	597	712	286	401	504	601	694	779	939	408	587	731	864	988	1112	1345		
1400	75/65	1043	1312	1564	1803	2030	2456	909	1352	1702	2033	2351	2656	3238	1308	1931	2433	2911	3368	3812	4659		
	70/55	842	1058	1260	1452	1633	1969	741	1090	1371	1637	1892	2135	2597	1064	1564	1966	2346	2708	3061	3734		
	55/45	532	667	794	913	1024	1227	478	686	862	1029	1188	1338	1619	685	995	1244	1477	1696	1913	2323		
	45/40	364	456	542	623	696	830	333	468	588	701	809	909	1095	476	685	853	1008	1152	1297	1570		
1600	75/65	1192	1499	1787	2061	2320	2806	1038	1546	1946	2323	2686	3035	3701	1494	2206	2781	3326	3850	4357	5325		
	70/55	962	1209	1440	1660	1866	2251	847	1245	1567	1871	2162	2440	2968	1216	1787	2246	2681	3095	3499	4267		
	55/45	607	762	907	1044	1170	1403	547	784	985	1176	1358	1529	1850	782	1137	1422	1688	1938	2186	2655		
	45/40	416	521	619	711	795	949	381	535	672	801	925	1039	1252	543	783	975	1152	1317	1483	1794		
1800	75/65	1341	1687	2011	2318	2610	3157	1168	1739	2189	2614	3022	3415	4163	1681	2482	3128	3742	4331	4901	5990		
	70/55	1082	1360	1620	1867	2099	2532	953	1401	1763	2104	2433	2745	3339	1368	2010	2527	3016	3481	3936	4800		
	55/45	683	858	1020	1174	1316	1578	615	882	1109	1323	1528	1720	2081	880	1279	1600	1899	2180	2460	2987		
	45/40	467	586	696	800	895	1068	429	601	756	901	1041	1169	1408	611	881	1097	1296	1481	1668	2018		
2000	75/65	1490	1874	2234	2576	2900	3508	1298	1932	2432	2904	3358	3794	4626	1868	2758	3476	4158	4812	5446	6656		
	70/55	1202	1511	1800	2075	2332	2813	1058	1557	1959	2338	2703	3050	3710	1520	2234	2808	3351	3868	4373	5334		
	55/45	759	953	1134	1305	1462	1753	683	980	1232	1470	1698	1911	2312	978	1421	1778	2110	2423	2733	3318		
	45/40	519	651	774	889	994	1186	476	668	840	1001	1156	1299	1565	679	979	1218	1440	1646	1853	2242		
2300	75/65			2569	2962	3335		1493	2222	2797	3340	3862	4363		2148	3172	3997	4782	5534	6263			
	70/55			2070	2386	2682		1217	1790	2253	2689	3108	3508		1748	2569	3229	3853	4448	5029			
	55/45			1304	1500	1682		786	1126	1417	1690	1952	2197		1125	1635	2044	2426	2786	3143			
	45/40			890	1023	1143		548	768	966	1152	1330	1493		781	1125	1401	1656	1893	2131			
2600	75/65			2904	3349	3770		1687	2512	3162	3775	4365	4932		2428	3585	4519	5405	6256	7080			
	70/55			2341	26																		

GENERAL INFORMATION

Description

RADIK are steel panel radiators with a natural air convection around their heat-transfer surface. They are produced in single, double or triple panel version. The basic heat-transfer surface is created by a profiled panel with horizontally and vertically aligned channels. For an increase of heat output there is an additional convector fin welded on the inside of the panel of some of the radiator types.

The panel is made from two moulded steel shells which are spot-welded in vertical profiles and seam-welded on all four sides of the panel. A cold-rolled low-carbon content steel is used.

Use

RADIK steel panel radiators are designed for central heating systems in buildings with the highest allowed working pressure of 10 bar (1,0 MPa) where water or water solutions are used as the heating medium. The highest allowed working temperature is 110 °C. RADIK radiators are designed for single-pipe or twin-pipe systems with pressurized or gravity-fed circulation. Radiators must be installed in a professional way in hot water systems which are carried out professionally according to VDI 2035 with regard to the protection against damage caused by corrosion and scale.

The following main water quality attributes must be adhered to:

- pH range 8.5–9.5 (this applies for systems which do not contain aluminium)
- overall water hardness (content of Ca + Mg ions) up to 1mmol/l
- salinity within the range 300–500 µS/cm
- oxygen content max. 0.1 mg/l.

Low water content in the radiator enables a flexible reaction of the heating system to the required room temperature and an effective thermoregulation.

RADIK steel panel radiators in the PLAN and VERTIKAL version have a special design which will fit in with every room interior and will satisfy even the most demanding customer and home designer.

RADIK steel panel radiators in the version HYGIENE are designed for rooms with high demands on hygiene and cleanliness. These radiators have been tested in an accredited laboratory and obtained the hygiene certificate for usage in health service and similar services.

Identification

Our products are identified by:

- a printed label on the radiator packaging
- a label with bar code on the radiator packaging
- a company logo stamped on the end panels
- an inkjet print with the manufacturing date and time on the rear side of the plate of the radiator

Overview of types

Type number	Number of panels	Number of convector plates
Type 10	1	0
Type 11	1	1
Type 20	2	0
Type 21	2	1
Type 22	2	2
Type 30	3	0
Type 32	3	2
Type 33	3	3

Versions

RADIK steel panel radiators are manufactured in 6 basic versions which come in individual models.

Basic versions of RADIK steel panel radiators:

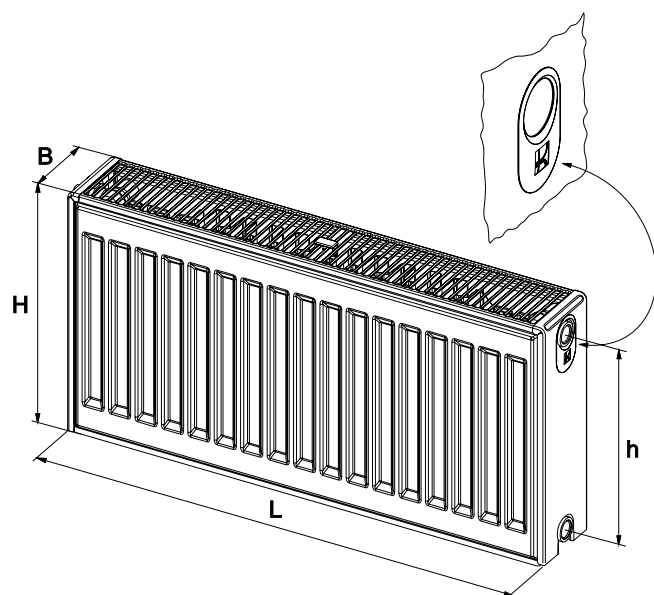
- **KLASIK**
 - radiators with side connections and a profiled front panel.
- **VENTIL KOMPAKT**
 - radiators with built-in inside distribution tappings and valve, with bottom connections and profiled front panel.
- **PLAN**
 - radiators with side connections (KLASIK version) or bottom connections (VENTIL KOMPAKT version) with a flat front panel.
- **LINE**
 - radiators with side connections (KLASIK version) or with bottom connection (VENTIL KOMPAKT version) and a flat front panel with fine horizontal grooves
- **VERTIKAL**
 - vertically aligned radiators without valve with bottom middle connection and a flat or grooved front panel
- **HYGIENE**
 - radiators without convector fins, side panels and top grill, with side or bottom connections and with a flat front panel

Overview of RADIK models

- **VENTIL KOMPAKT**
 - model RADIK VKM8
 - model RADIK VKM8 - L
 - model RADIK VKM8 - U
 - model RADIK VK
 - model RADIK VKU
 - model RADIK VKL
 - model RADIK COMBI VK
 - model RADIK MATERNELLE VK
 - model RADIK MATERNELLE VKL
 - model RADIK VK - Z
- **KLASIK**
 - model RADIK KLASIK
 - model RADIK KLASIK - R
 - model RADIK KLASIK - Z
- **PLAN**
 - model RADIK PLAN VKM8
 - model RADIK PLAN VKM8 - L
 - model RADIK PLAN VK
 - model RADIK PLAN VKL
 - model RADIK PLAN KLASIK
 - model RADIK PLAN KLASIK - R
- **LINE**
 - model RADIK LINE VKM8
 - model RADIK LINE VKM8 - L
 - model RADIK LINE VK
 - model RADIK LINE VKL
 - model RADIK LINE KLASIK
 - model RADIK LINE KLASIK - R
- **VERTIKAL**
 - model RADIK PLAN VERTIKAL - M
 - model RADIK LINE VERTIKAL - M
 - model RADIK PLAN PREMIUM
 - model RADIK LINE PREMIUM
 - model RADIK PREMIUM
- **HYGIENE**
 - model RADIK CLEAN VKM8
 - model RADIK CLEAN VK
 - model RADIK CLEAN
 - model RADIK HYGIENE VKM8
 - model RADIK HYGIENE VK
 - model RADIK HYGIENE



Technical data



Height	$H = 200 - 900 \text{ mm}$
Length	$L = 400 - 3000 \text{ mm}$
Depth	$B = 47 - 157 \text{ mm}$ (differs according to the type)
Connecting pitch	$h = H - 54 \text{ mm}$
Connecting thread	G 1/2" inside
Highest allowed working pressure	1,0 MPa
Test pressure	1,3 MPa
Highest allowed working temperature	110 °C
Axial distance of the vertical stampings	33,33 mm
Basic paint	cataphoretic paint (KTL)
Surface finish	white RAL 9016
LGA (more on page 87)	for types 11, 20, 21, 22, 33
Guarantee period	10 years

Finish

The technology used guarantees the achievement of three basic goals:

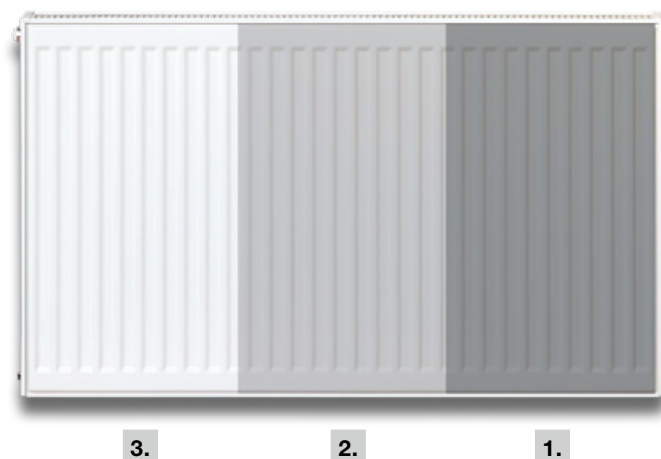
- long-term corrosion resistance and mechanical durability
- fine-quality finish
- hygienic surface

The surface finish is done in three basic phases:

- 1) Preparation of the steel surface – includes degreasing, phosphating, and rinsing in three stages.
- 2) Putting on the first layer of paint using the cataphoretic method (KTL). The layer of paint is evenly spread over the whole radiator. The KTL paint gains its final anticorrosion, adhesive, and mechanical and chemical characteristics in a drying oven. This phase of surface finishing is of decisive importance for the long life span of the radiator.
- 3) Putting on the final layer of paint – epoxy-polyester powder is applied using automatic dusting pistols in an electrostatic field of a dusting compartment. After it is oven dried and cooled, the finish of the radiator is completed.

The surface finishing of the radiators is done with a maximum effort to protect the environment, during production and use.

Radiators are delivered in white powder coat (RAL 9016) as standard, on request we also offer in other colours. For more information on the colours available please see the colour card RADIK.



1. Degreasing and phosphating
2. Cataphoretic paint
3. Epoxy-polyester powder

GENERAL INFORMATION

Basic Equipment

All RADIK steel panel radiators except the model RADIK VKU and all radiators in height 200 mm have two upper and lower hangers welded on the back. Radiators with length 1800 mm and longer have six welded hangers.

All radiators are equipped with an air vent and a respective number of blanking plugs. All connections of RADIK steel panel radiators have the same diameter with a G 1/2" internal thread.

Except the types 10 and the models RADIK HYGIENE, RADIK HYGIENE VK, RADIK CLEAN, RADIK CLEAN VK and RADIK CLEAN VKM8 all other models are delivered with end panels and top grills fitted.

All RADIK steel panel radiators except for the models RADIK VKU, RADIK MATERNELLE VK and RADIK MATERNELLE VKL are supplied with the required number of drill-in or wall brackets (see KORAMONT catalogue).

The radiators in height 200 mm are delivered with the necessary number of "Split Brackets Plus" designed for mounting on the wall. Stand brackets Z-U400 can be delivered on special order.

Transport and storage

The radiators are stored on pallets according to the manufacturer's internal guidelines. Pallets with radiators should only be transported in covered transport. Radiators which are transported unprofessionally and incorrectly can be deformed or otherwise damaged. It is especially dangerous to transport long radiators on smaller pallets or on top of radiators of a different size.

Radiators must be stored where they are protected from the effects of the weather. They are not to be stored in open, uncovered areas. If they are stored on a flat floor, a maximum of two pallets of the same size may be put on top of each other. Pallets with radiators of type 10 and 11 and all types of the PLAN and LINE version may be stored only in one layer.

Heat output and registration

Heat outputs of the steel panel radiators RADIK were measured according to EN 442 in an accredited laboratory.

Conformity with valid European regulations and standards was certified by Strojírenský zkušební ústav (Engineering Testing Institute) in Brno, notified body No. 1015.

Certified registration for using national quality marks RAL (Germany) - see p. 94.

Related norms

ČSN EN 442

DIN EN 442

ČSN 06 1101

ČSN 06 1122

ČSN 060310

ČSN 077401

DIN 55900

Packaging

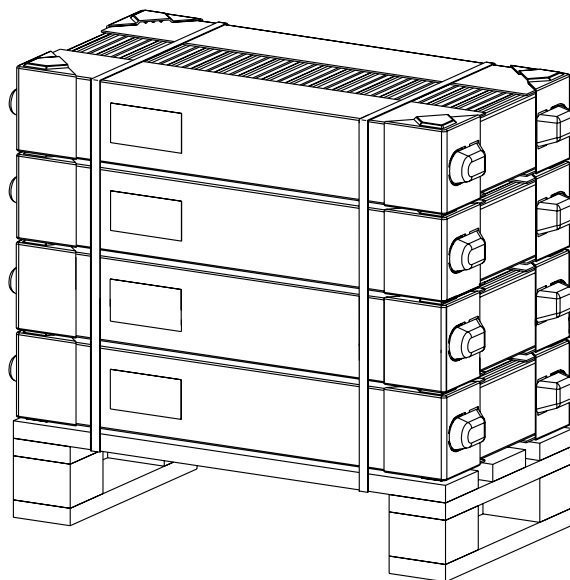
All steel panel radiators are delivered in uniform packaging, which consists of:

- corrugated cardboard
- plastic reinforcing corner covers
- polyethylene shrinking foil
- strip band
- inserted information sheet

The packaging protects the radiator during transportation, handling, assembly and after assembly. It should not be removed before the installation and other work is completed.



Packaging - pallet





Guidelines for mounting

Basic guidelines for the installation of steel panel radiators:

- centre below a window
- centre of radiator and of window at the same place
- air movement around the radiator should not be restricted

We offer an assortment of brackets for RADIK steel panel radiators. That assortment is shown in the KORAMONT catalogue and covers most installers needs and all main construction materials. Its construction allows mounting of the radiator with minimum damage of its packaging (at the place of mounting and connection of necessary parts) and the packaging can be removed after the completion of all construction and other work.

We recommend using such fittings for the connection of steel panel radiators as will secure:

- regulation of water flow through the radiator
- closing off radiator at the inlet and outlet of water flow
- emptying and filling of the radiator
- disconnecting of radiator without interruption of the heating system operation

For mounting of RADIK steel panel radiators of VENTIL KOMPAKT version, we recommend to use KORADO pre-fixing template, which will supply, in every respect, radiators presence at a construction site (see KORAMONT catalogue).

Guarantees and Quality

The manufacturer guarantees that the product is leak proof and guarantees stated heat output of RADIK steel panel radiators connected to the hot-water systems for 10 years from the date of sale. The manufacturer accepts no responsibility for deformation or damage of the radiators caused during their transport, handling, or storage. The guarantee does not apply to mechanical or other damages caused by unqualified installation of the radiators.

RADIK products guarantee the quality, as is documented by certificates issued by LGA Nürnberg (certificate on suitability of radiators for installation in schools and kindergartens) and Engineering Testing Laboratory, SZ no. 202 Brno and registration of national quality marks RAL (Germany), NF (France) [see p. 94](#).

The company KORADO, a.s. has held a quality certificate under the norm ISO 9001 since 1997. That quality control system describes in advance all conditions, requirements, and parameters with respect to technical, manufacturing, commercial, transport, and service issues. The customer is the main goal of the entire system and his satisfaction influences the goals and plans of the company KORADO. The ISO 9001 quality control system guarantees the customer excellent, long-lasting quality of products and services.

Multifunctional package

