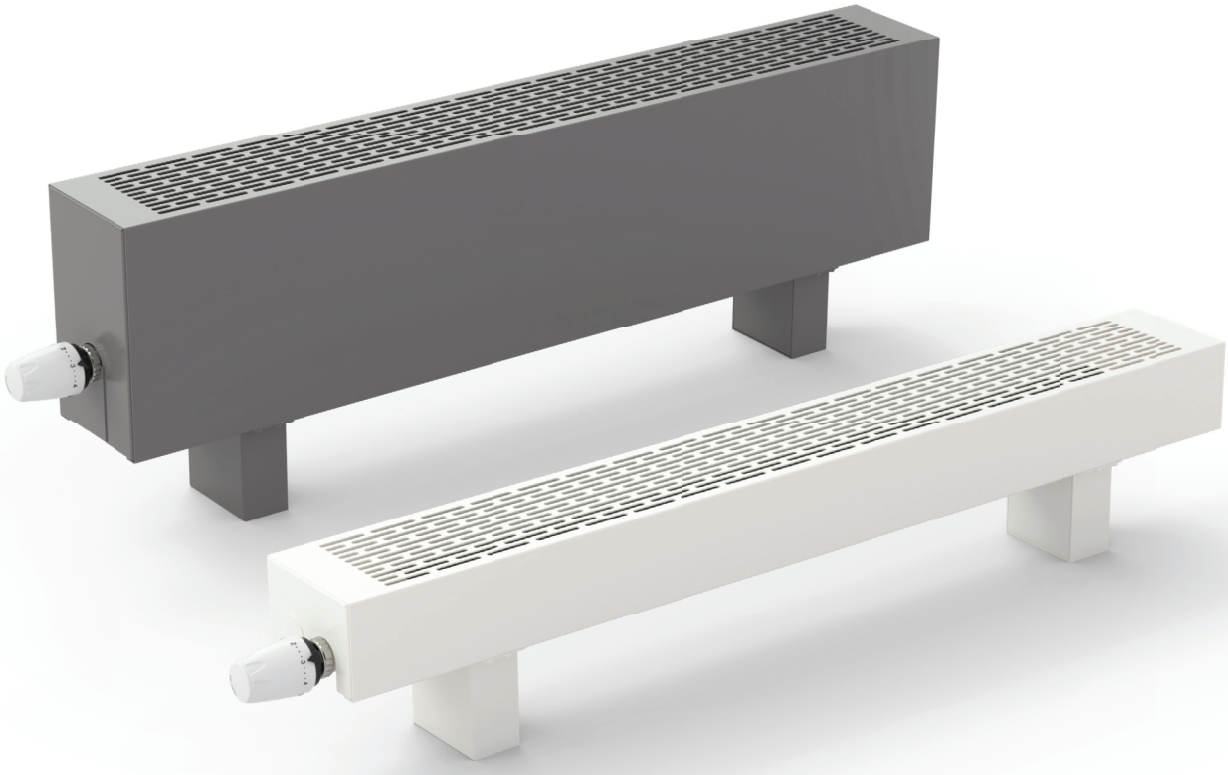


BENCH CONVECTORS

KORALINE Economic LKE

KORALINE Economic is the most economical version of the bench convector. This type of product has an embossed grille in the steel casing that forms its integral part. Wide range of dimensions and higher heat outputs satisfy even demanding customers.

KORALINE Economic LKE

Technical data

Height	90, 150, 230, 300 mm
Width	130, 180, 230 mm
Length	600, 700, 800, 900, 1 000, 1 100, 1 200, 1 400, 1 600, 1 800, 2 000, 2 200, 2 400, 2 600, 2 800, 3 000 mm
Output	from 2 013 to 5 670 W
Max. operating pressure	1,2 MPa
Max. operating temperature	110 °C
Max. surface temperature	40 °C
Connecting thread	female G 1/2"
Connection method	bottom (recommended), side
Ordering code	see page 42

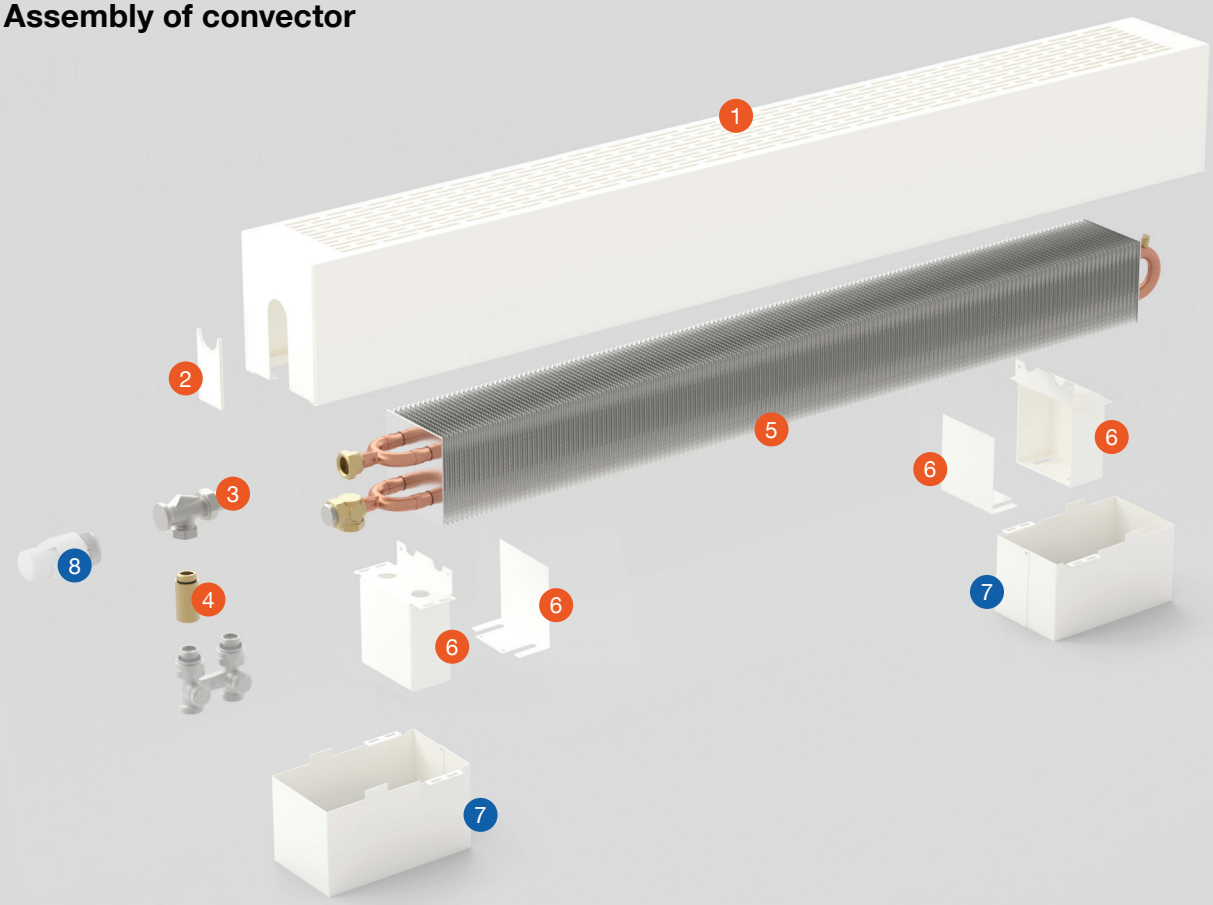
Standard supply content

1. galvanised steel casing with embossed grille, painted in RAL 9016 white
2. side connection cover
3. axial thermostatic valve 425, thread M 30 × 1,5 (see page 34)
4. from the height 150 mm – extension piece 425 (see page 34)
5. Al/Cu heat exchanger for universal connection with low water content, air vent and unique vertically shaped slats for higher heat output
6. bracket for finished floor
- strong packaging containing assembly guide

Optional accessories

7. covers of stands for finished floor
8. thermostatic head, thermoelectric actuator (see page 34)
- other colour of the casing according RAL colour chart
- bracket for mounting on the wall
- bracket for subfloor

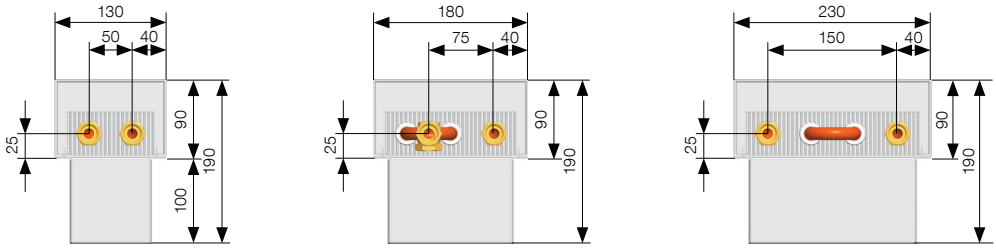
Assembly of convector



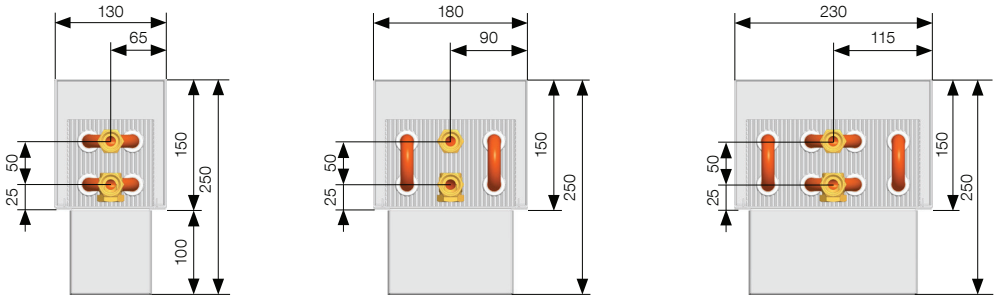
OVERVIEW OF TYPES

KORALINE Economic LKE

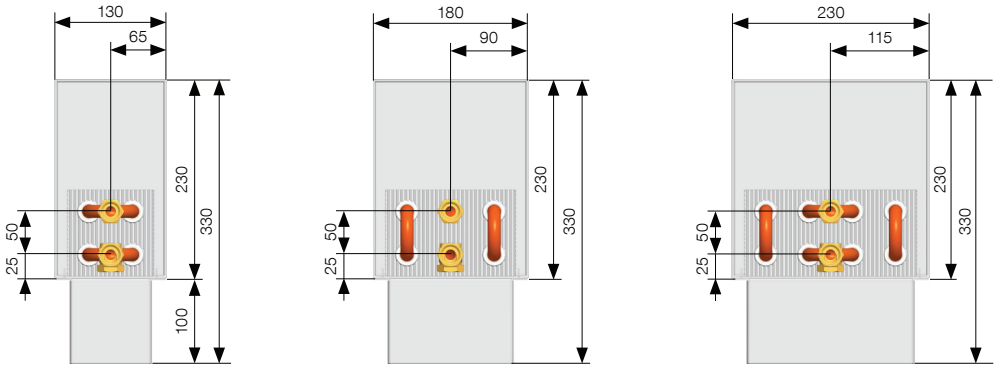
Bench convector
with embossed grille



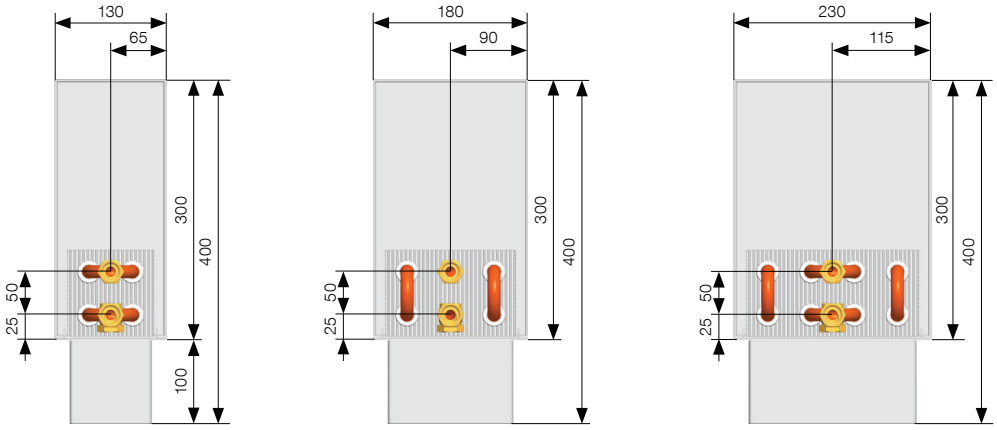
height	90			
width		130	180	230



height	150			
width		130	180	230



height	230			
width		130	180	230



height	300			
width		130	180	230

The height of brackets for finished floor for all models KORALINE LKE is 100 mm. Dimensions are given in mm.

HEAT OUTPUTS

Heat outputs [W] at $t_1/t_2/t_i$ = at 75/65/20 °C (Δt=50), 65/55/20 °C (Δt=40) and 55/45/20 °C (Δt=30) / EN 442

KORALINE Economic LKE													
Length	$t_1/t_2/t_i$ [°C]	Height 90			Height 150			Height 230			Height 300		
		Width 130	Width 180	Width 230	Width 130	Width 180	Width 230	Width 130	Width 180	Width 230	Width 130	Width 180	Width 230
600	**75/65/20**	**203**	**322**	**454**	**264**	**471**	**579**	**295**	**555**	**683**	**317**	**610**	**750**
	65/55/20	148	236	334	194	343	420	216	405	497	232	446	547
	55/45/20	99	158	225	130	228	279	145	270	330	155	298	364
700	**75/65/20**	**252**	**397**	**563**	**336**	**584**	**737**	**375**	**689**	**869**	**404**	**757**	**955**
	65/55/20	184	291	415	247	426	535	275	503	633	296	553	697
	55/45/20	123	195	279	165	283	355	184	335	420	198	369	464
800	**75/65/20**	**301**	**473**	**673**	**409**	**698**	**895**	**456**	**823**	**1056**	**491**	**904**	**1160**
	65/55/20	220	347	495	300	508	650	334	601	769	359	661	846
	55/45/20	147	233	333	201	338	431	223	400	511	240	441	563
900	**75/65/20**	**350**	**548**	**783**	**481**	**812**	**1053**	**536**	**957**	**1242**	**578**	**1051**	**1365**
	65/55/20	256	402	576	353	591	765	393	699	905	423	769	996
	55/45/20	171	270	388	236	393	507	263	465	601	282	513	663
1 000	**75/65/20**	**399**	**624**	**892**	**553**	**925**	**1211**	**617**	**1091**	**1429**	**664**	**1198**	**1570**
	65/55/20	292	458	657	405	674	880	452	796	1040	486	876	1145
	55/45/20	195	307	442	272	448	583	302	531	691	325	585	763
1 100	**75/65/20**	**448**	**699**	**1002**	**625**	**1039**	**1369**	**698**	**1225**	**1615**	**751**	**1346**	**1775**
	65/55/20	327	513	737	458	757	995	511	894	1176	549	984	1295
	55/45/20	219	344	496	307	503	659	342	596	781	367	657	862
1 200	**75/65/20**	**497**	**775**	**1112**	**697**	**1153**	**1527**	**778**	**1359**	**1802**	**838**	**1493**	**1980**
	65/55/20	363	568	818	511	839	1110	570	992	1312	613	1091	1444
	55/45/20	243	381	551	343	558	735	381	661	872	410	729	962
1 400	**75/65/20**	**595**	**926**	**1331**	**842**	**1380**	**1843**	**939**	**1627**	**2175**	**1011**	**1787**	**2390**
	65/55/20	435	679	979	617	1005	1339	688	1188	1584	740	1307	1743
	55/45/20	291	456	659	414	668	888	460	791	1052	494	873	1161
1 600	**75/65/20**	**693**	**1077**	**1550**	**986**	**1607**	**2159**	**1100**	**1895**	**2548**	**1185**	**2082**	**2800**
	65/55/20	507	790	1140	723	1171	1569	806	1383	1855	867	1522	2042
	55/45/20	338	530	768	485	778	1040	539	922	1233	579	1016	1360
1 800	**75/65/20**	**791**	**1228**	**1769**	**1130**	**1834**	**2475**	**1261**	**2164**	**2921**	**1358**	**2376**	**3210**
	65/55/20	578	901	1302	829	1336	1799	924	1579	2127	993	1737	2341
	55/45/20	386	604	876	556	888	1192	618	1052	1413	664	1160	1559
2 000	**75/65/20**	**889**	**1379**	**1988**	**1275**	**2062**	**2791**	**1422**	**2432**	**3294**	**1532**	**2671**	**3620**
	65/55/20	650	1011	1463	935	1502	2029	1042	1775	2399	1120	1953	2640
	55/45/20	434	678	985	627	998	1344	697	1182	1594	749	1304	1758
2 200	**75/65/20**	**987**	**1530**	**2208**	**1419**	**2289**	**3108**	**1584**	**2700**	**3667**	**1705**	**2965**	**4030**
	65/55/20	721	1122	1624	1041	1667	2258	1160	1970	2670	1247	2168	2939
	55/45/20	482	753	1094	698	1108	1497	776	1313	1774	834	1448	1957
2 400	**75/65/20**	**1084**	**1681**	**2427**	**1564**	**2516**	**3424**	**1745**	**2968**	**4040**	**1878**	**3260**	**4440**
	65/55/20	793	1233	1786	1147	1833	2488	1278	2166	2942	1374	2383	3238
	55/45/20	530	827	1202	769	1218	1649	855	1443	1954	918	1591	2156
2 600	**75/65/20**	**1182**	**1832**	**2646**	**1708**	**2744**	**3740**	**1906**	**3236**	**4413**	**2052**	**3554**	**4850**
	65/55/20	865	1344	1947	1252	1998	2718	1396	2362	3214	1501	2598	3537
	55/45/20	578	901	1311	840	1328	1801	934	1573	2135	1003	1735	2355
2 800	**75/65/20**	**1280**	**1983**	**2865**	**1852**	**2971**	**4056**	**2067**	**3504**	**4786**	**2225**	**3849**	**5260**
	65/55/20	936	1455	2108	1358	2164	2948	1514	2557	3485	1628	2814	3836
	55/45/20	626	976	1419	911	1438	1953	1013	1704	2315	1088	1879	2554
3 000	**75/65/20**	**1378**	**2134**	**3085**	**1997**	**3198**	**4372**	**2228**	**3772**	**5159**	**2399**	**4143**	**5670**
	65/55/20	1008	1565	2270	1464	2330	3177	1632	2753	3757	1755	3029	4135
	55/45/20	673	1050	1528	982	1548	2106	1092	1834	2496	1173	2023	2753
Temperature exponent n [-]		**1,4021**	**1,3880**	**1,3752**	**1,3900**	**1,4204**	**1,4302**	**1,3958**	**1,4115**	**1,4215**	**1,4009**	**1,4038**	**1,4139**

Dimensions are given in mm.

example

An example of conversion to other temperature gradient see page 41 or on www.licon.cz