



BENCH CONVECTORS

## KORALINE Exclusive LKX

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The design and higher output are benefits of new bench convectors KORALINE Exclusive. They are fitted with a high-quality anodised silver grid. Thanks to the broad portfolio and functionality, they are designed not only for heating in family houses and blocks of flats, but also in office buildings and non-residential premises.

# KORALINE Exclusive LKX

## Technical data

<b>Height</b>	90, 150, 230, 300 mm
<b>Width</b>	80, 130, 180, 230 mm
<b>Length</b>	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
<b>Output</b>	from 149 to 5 670 W
<b>Max. operating pressure</b>	1,2 MPa
<b>Max. operating temperature</b>	110 °C
<b>Max. surface temperature</b>	40 °C
<b>Connecting thread</b>	female G 1/2"
<b>Connection method</b>	bottom (recommended), side
<b>Ordering code</b>	see page 42

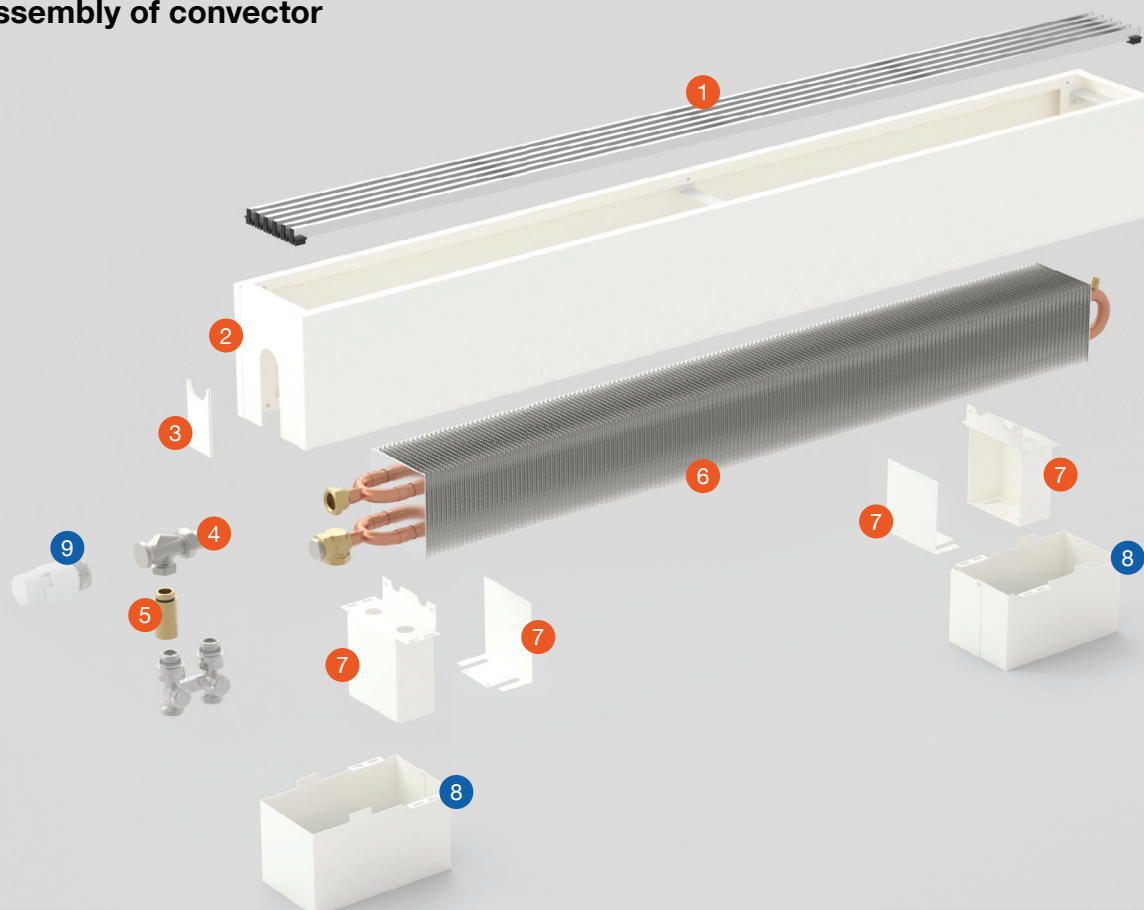
## Standard supply content

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

## Optional accessories

- 8 covers of stands for finished floor
- 9 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

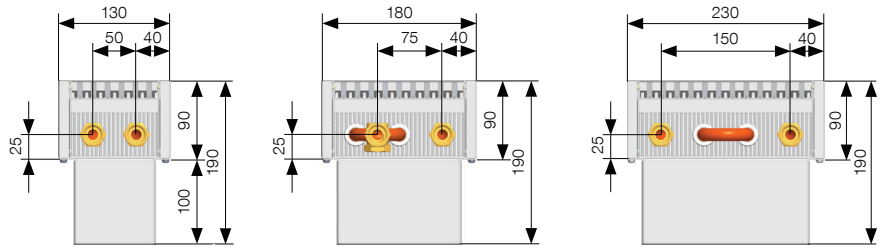
## Assembly of convector



# OVERVIEW OF TYPES

## KORALINE Exclusive LKX

Bench convector with aluminium cover grille



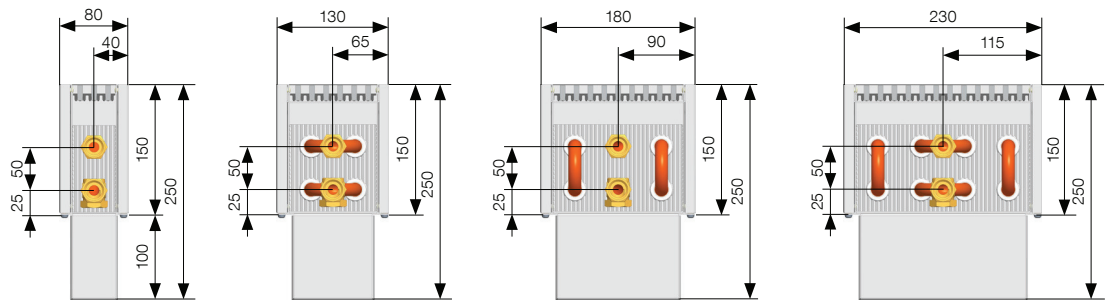
height 90

width

130

180

230



height 150

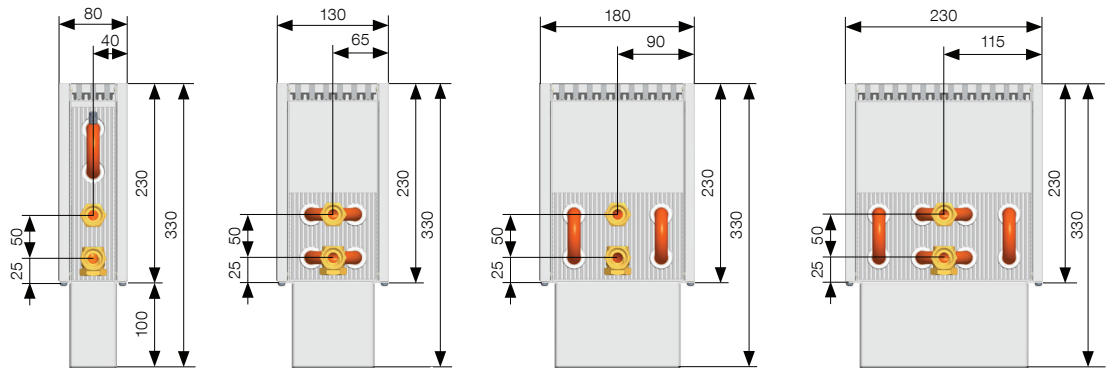
width

80

130

180

230



height 230

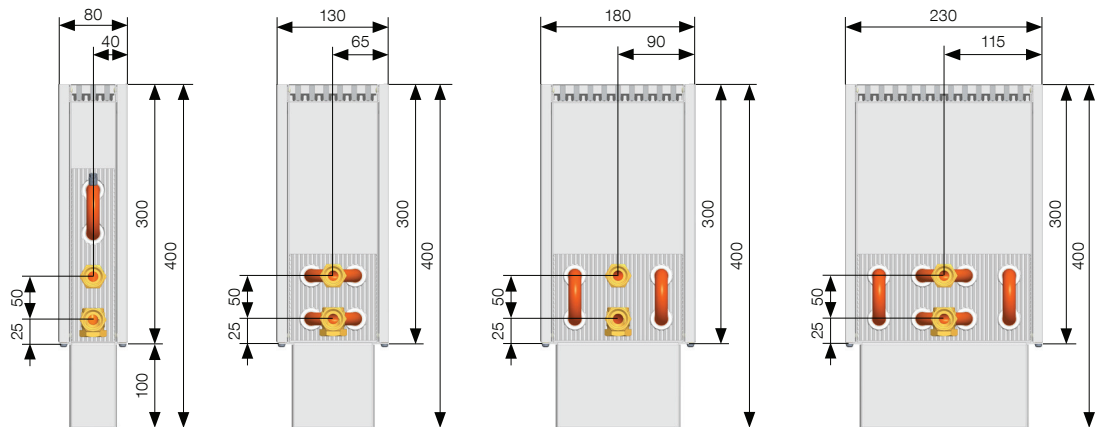
width

80

130

180

230



height 300

width

80

130

180

230

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

# HEAT OUTPUTS

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

KORALINE Exclusive LKX																
Length	$t_1/t_2/t_1$ [°C]	Height 90			Height 150				Height 230				Height 300			
		Width 130	Width 180	Width 230	Width 80	Width 130	Width 180	Width 230	Width 80	Width 130	Width 180	Width 230	Width 80	Width 130	Width 180	Width 230
600	75/65/20	203	322	454	149	264	471	579	208	295	555	683	223	317	610	750
	65/55/20	148	236	334	108	194	343	420	151	216	405	497	162	232	446	547
	55/45/20	99	158	225	71	130	228	279	100	145	270	330	108	155	298	364
700	75/65/20	252	397	563	185	336	584	737	258	375	689	869	277	404	757	955
	65/55/20	184	291	415	134	247	426	535	188	275	503	633	201	296	553	697
	55/45/20	123	195	279	88	165	283	355	125	184	335	420	133	198	369	464
800	75/65/20	301	473	673	221	409	698	895	308	456	823	1056	331	491	904	1160
	65/55/20	220	347	495	160	300	508	650	224	334	601	769	241	359	661	846
	55/45/20	147	233	333	105	201	338	431	149	223	400	511	159	240	441	563
900	75/65/20	350	548	783	257	481	812	1053	358	536	957	1242	385	578	1051	1365
	65/55/20	256	402	576	186	353	591	765	261	393	699	905	280	423	769	996
	55/45/20	171	270	388	122	236	393	507	173	263	465	601	185	282	513	663
1 000	75/65/20	399	624	892	293	553	925	1211	408	617	1091	1429	439	664	1198	1570
	65/55/20	292	458	657	212	405	674	880	297	452	796	1040	319	486	876	1145
	55/45/20	195	307	442	140	272	448	583	197	302	531	691	211	325	585	763
1 100	75/65/20	448	699	1002	329	625	1039	1369	459	698	1225	1615	493	751	1346	1775
	65/55/20	327	513	737	238	458	757	995	334	511	894	1176	358	549	984	1295
	55/45/20	219	344	496	157	307	503	659	221	342	596	781	237	367	657	862
1 200	75/65/20	497	775	1112	365	697	1153	1527	509	778	1359	1802	547	838	1493	1980
	65/55/20	363	568	818	264	511	839	1110	370	570	992	1312	397	613	1091	1444
	55/45/20	243	381	551	174	343	558	735	246	381	661	872	263	410	729	962
1 400	75/65/20	595	926	1331	437	842	1380	1843	609	939	1627	2175	654	1011	1787	2390
	65/55/20	435	679	979	316	617	1005	1339	443	688	1188	1584	476	740	1307	1743
	55/45/20	291	456	659	208	414	668	888	294	460	791	1052	315	494	873	1161
1 600	75/65/20	693	1077	1550	509	986	1607	2159	709	1100	1895	2548	762	1185	2082	2800
	65/55/20	507	790	1140	368	723	1171	1569	516	806	1383	1855	554	867	1522	2042
	55/45/20	338	530	768	243	485	778	1040	343	539	922	1233	367	579	1016	1360
1 800	75/65/20	791	1228	1769	581	1130	1834	2475	810	1261	2164	2921	870	1358	2376	3210
	65/55/20	578	901	1302	420	829	1336	1799	589	924	1579	2127	632	993	1737	2341
	55/45/20	386	604	876	277	556	888	1192	391	618	1052	1413	419	664	1160	1559
2 000	75/65/20	889	1379	1988	653	1275	2062	2791	910	1422	2432	3294	978	1532	2671	3620
	65/55/20	650	1011	1463	472	935	1502	2029	662	1042	1775	2399	711	1120	1953	2640
	55/45/20	434	678	985	311	627	998	1344	439	697	1182	1594	471	749	1304	1758
2 200	75/65/20	987	1530	2208	725	1419	2289	3108	1010	1584	2700	3667	1086	1705	2965	4030
	65/55/20	721	1122	1624	524	1041	1667	2258	735	1160	1970	2670	789	1247	2168	2939
	55/45/20	482	753	1094	346	698	1108	1497	488	776	1313	1774	523	834	1448	1957
2 400	75/65/20	1084	1681	2427	797	1564	2516	3424	1111	1745	2968	4040	1194	1878	3260	4440
	65/55/20	793	1233	1786	576	1147	1833	2488	808	1278	2166	2942	868	1374	2383	3238
	55/45/20	530	827	1202	380	769	1218	1649	536	855	1443	1954	575	918	1591	2156
2 600	75/65/20	1182	1832	2646	869	1708	2744	3740	1211	1906	3236	4413	1301	2052	3554	4850
	65/55/20	865	1344	1947	629	1252	1998	2718	881	1396	2362	3214	946	1501	2598	3537
	55/45/20	578	901	1311	414	840	1328	1801	585	934	1573	2135	627	1003	1735	2355
2 800	75/65/20	1280	1983	2865	941	1852	2971	4056	1311	2067	3504	4786	1409	2225	3849	5260
	65/55/20	936	1455	2108	681	1358	2164	2948	954	1514	2557	3485	1024	1628	2814	3836
	55/45/20	626	976	1419	448	911	1438	1953	633	1013	1704	2315	679	1088	1879	2554
3 000	75/65/20	1378	2134	3085	1013	1997	3198	4372	1412	2228	3772	5159	1517	2399	4143	5670
	65/55/20	1008	1565	2270	733	1464	2330	3177	1027	1632	2753	3757	1103	1755	3029	4135
	55/45/20	673	1050	1528	483	982	1548	2106	682	1092	1834	2496	731	1173	2023	2753
Temperature exponent n [-]		1,4021	1,3880	1,3752	1,4503	1,3900	1,4204	1,4302	1,4250	1,3958	1,4115	1,4215	1,4298	1,4009	1,4038	1,4139

Dimensions are given in mm.

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**An example of conversion to other temperature gradient see page 41 or on [www.licon.cz](http://www.licon.cz)**

**example**

