

# Floor convectors with forced convection

## Licon PKOC 11/20



- used for heating
- high heat output at minimal dimensions
- quiet operation at low speed
- possibility of control through BMS (Building Managing System)
- can be ordered in Economic, Exclusive or Inox versions
- the convector is intended for dry environment

### Specifications

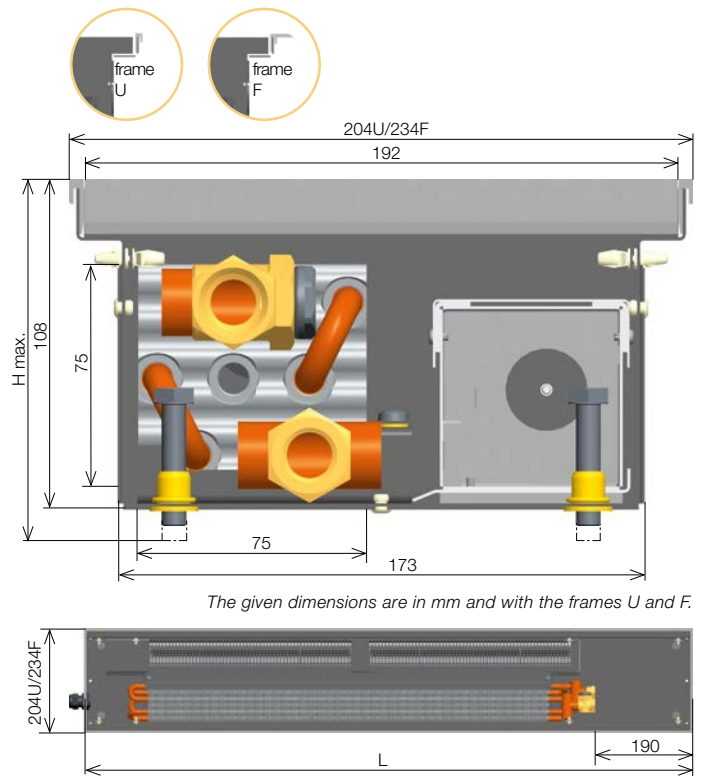
width including the U/F type frame (mm)	204U/234F
floor case width (mm)	173
grid width (mm)	192
max. adjustable height (H max. mm)	108–132
case depth (mm)	108
length (L mm)	800 up to 2 800 (at 400 mm steps)
exchanger height (mm)	75
exchanger width (mm)	75
exchanger effective length (mm)	L - 400
fans impeller diameter (mm)	40
connection to the heating system	2× G 1/2" inner
case material	galv. steel, stainless steel AISI 304

**Version Economic** • black coated zinc galvanised steel case, heat exchanger without any surface finish

**Version Exclusive** • black coated zinc galvanised steel case, black coated exchanger\*

**Version Inox** • stainless steel unpainted case AISI 304, unpainted exchanger (for dry environment only)\*

\* custom-made design



The given dimensions are in mm and with the frames U and F.

\* In case of floor convector PKOC 11/20 the linear floor grid could not be manufactured as a standard product. Previous consultation is necessary and if possible the convector case is adapted.

### Technical parameters



Width	cm	20																							
Depth	cm	11																							
Total length	cm	80				120				160				200				240				280			
Noisiness – acoustic pressure 1m	dB(A)	0	16.1	23.6	30.5	0	16.4	24.1	30.9	0	16.7	24.4	31.1	0	17.2	25	31.4	0	17.4	25.1	31.7	0	17.7	25.3	31.7
Max. input/voltage DC	W/V	5.5/12–24				11/12–24				12/12–24				20/12–24				22.5/12–24				23.5/12–24			
Speed switch position		Off	1	2	3	Off	1	2	3	Off	1	2	3	Off	1	2	3	Off	1	2	3	Off	1	2	3
Heat output	t1 °C	Heat output [W]																							
75/65 °C	18	77	563	724	884	148	1078	1385	1692	220	1605	2061	2518	292	2134	2741	3348	364	2659	3416	4173	436	3185	4091	4997
	<b>20</b>	<b>74</b>	<b>542</b>	<b>696</b>	<b>850</b>	<b>142</b>	<b>1037</b>	<b>1332</b>	<b>1627</b>	<b>211</b>	<b>1544</b>	<b>1983</b>	<b>2422</b>	<b>281</b>	<b>2053</b>	<b>2636</b>	<b>3220</b>	<b>350</b>	<b>2558</b>	<b>3285</b>	<b>4013</b>	<b>419</b>	<b>3063</b>	<b>3934</b>	<b>4806</b>
	22	71	520	668	816	136	996	1279	1562	203	1482	1904	2325	270	1971	2532	3092	336	2456	3155	3853	403	2941	3778	4615
70/55 °C	18	66	483	620	757	126	924	1186	1449	188	1375	1766	2157	250	1828	2348	2868	312	2278	2926	3574	374	2728	3504	4280
	20	63	461	592	723	121	882	1133	1384	180	1313	1687	2060	239	1746	2243	2740	298	2176	2795	3414	357	2606	3347	4089
	22	60	439	564	690	115	841	1080	1320	171	1252	1608	1964	228	1665	2138	2612	284	2074	2665	3255	340	2484	3191	3898
55/45 °C	18	48	348	447	546	91	665	855	1044	136	990	1272	1554	180	1317	1692	2067	225	1641	2108	2575	269	1966	2525	3084
	20	45	326	419	512	85	624	802	979	127	929	1193	1457	169	1235	1587	1938	211	1539	1977	2415	252	1843	2368	2892
	22	42	305	391	478	80	583	749	914	119	867	1114	1361	158	1153	1482	1810	197	1437	1846	2255	236	1721	2211	2701
50/40 °C	18	40	294	377	461	77	562	722	882	115	837	1075	1313	152	1112	1429	1745	190	1386	1781	2175	227	1660	2132	2605
	20	37	272	349	427	71	521	669	817	106	775	995	1216	141	1031	1324	1617	176	1284	1650	2015	211	1538	1975	2413
	22	34	250	322	393	66	479	616	752	98	713	916	1119	130	949	1218	1488	162	1182	1518	1855	194	1416	1818	2221
45/35 °C	18	33	240	308	376	63	459	589	719	93	682	877	1071	124	908	1166	1424	155	1131	1453	1774	185	1354	1740	2125
	20	30	218	280	342	57	417	536	654	85	621	797	974	113	826	1060	1295	141	1029	1321	1614	169	1232	1582	1933
	22	27	196	252	308	51	376	482	589	77	559	718	877	102	743	955	1166	127	926	1190	1454	152	1109	1425	1741

• temperature exponent m = 0.994

Correction factor page 40 • Assembly page 54 • Regulation page 66 • Floor grids page 18