

Floor convectors with forced convection

KORAFLEX FV 11/28 (the best selling type)

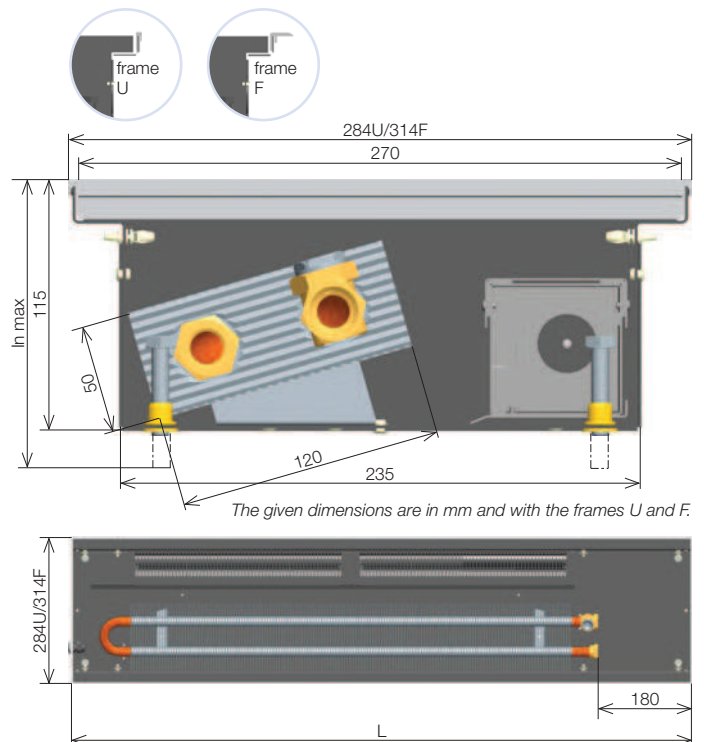


OC OPTIMIZED CONVECTION

- used for heating
- achieves high heat outputs
- low noise even in max. rpm
- possibility of control through BMS (Building Management System)
- can be ordered in Economic, Exclusive or Inox versions
- the convectors is intended for dry environment

Specifications

width including the U/F type frame (mm)	284U/314F
floor case width (mm)	235
grid width (mm)	270
max. adjustable height (V max. mm)	115-142
case height (mm)	115
length (L mm)	800 up to 2 800 (at 400 mm steps)
exchanger height (mm)	50
exchanger width (mm)	120
exchanger effective length (mm)	L - 350
fans impeller diameter (mm)	40
connection to the heating system	2x G 1/2" inner
case material	galv. steel, stainless steel AISI 304



Version Economic • black coated zinc galvanised steel, 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

Technical parameters



Width	cm	28																											
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				
Power input	W/V	5.5/13.5				11/13.5				12/13.5				20/13.5				22.5/13.5				23.5/13.5							
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]/EN 442																											
90/70 °C	20	203	657	867	1070	364	1241	1638	2020	525	1826	2409	2861	687	2409	3180	3922	848	2994	3951	4872	1009	3578	4721	5823				
	18	173	561	741	914	311	1060	1399	1726	449	1560	2058	2444	587	2059	2717	3350	725	2558	3375	4163	862	3057	4034	4975				
	22	159	514	678	837	285	971	1281	1581	411	1428	1884	2238	537	1885	2488	3068	663	2342	3091	3812	790	2799	3694	4556				
75/65 °C	20	166	538	710	875	298	1016	1340	1653	430	1494	1971	2341	562	1972	2602	3209	694	2450	3233	3987	826	2928	3864	4765				
	18	144	467	617	761	259	883	1165	1437	374	1298	1713	2034	488	1713	2261	2789	603	2129	2809	3465	718	2544	3358	4141				
	22	130	421	555	684	233	794	1048	1293	336	1168	1541	1831	439	1542	2035	2510	543	1916	2528	3118	646	2290	3021	3726				
70/55 °C	18	102	329	434	536	182	622	820	1012	263	914	1206	1433	344	1207	1592	1964	425	1499	1979	2440	506	1792	2365	2916				
	20	137	444	585	722	246	838	1106	1364	355	1233	1626	1931	464	1627	2147	2648	573	2021	2667	3289	681	2415	3188	3931				
	22	130	421	555	684	233	794	1048	1293	336	1168	1541	1831	439	1542	2035	2510	543	1916	2528	3118	646	2290	3021	3726				
55/45 °C	18	102	329	434	536	182	622	820	1012	263	914	1206	1433	344	1207	1592	1964	425	1499	1979	2440	506	1792	2365	2916				
	20	95	307	405	499	170	579	764	942	245	852	1123	1334	320	1124	1483	1829	396	1396	1843	2273	471	1669	2202	2716				
	22	88	284	375	462	157	536	708	873	227	789	1041	1236	297	1041	1374	1694	366	1293	1707	2105	436	1546	2040	2516				
50/40 °C	18	84	273	361	445	151	516	681	840	218	759	1001	1189	285	1002	1322	1630	353	1244	1642	2026	420	1487	1963	2421				
	20	78	251	331	409	139	474	626	772	201	698	920	1093	262	921	1215	1499	324	1144	1510	1862	386	1367	1804	2225				
	22	71	229	302	373	127	433	571	704	183	636	840	997	239	840	1108	1367	296	1044	1377	1699	352	1247	1646	2030				
45/35 °C	18	67	218	287	354	121	411	543	670	174	605	798	948	228	799	1054	1300	281	992	1309	1615	335	1186	1565	1930				
	20	61	196	259	319	109	371	489	603	157	545	719	854	205	720	950	1171	253	894	1180	1455	301	1069	1410	1739				
	22	54	175	231	284	97	330	436	537	140	486	641	761	183	641	846	1043	226	796	1051	1296	268	952	1256	1549				

• temperature exponent m = 1.1

Correction factor page 56 • Assembly page 70 • Regulation page 82 • Floor grids page 18