

Floor convectors with forced convection for heating and cooling

PKWOC 13/34

- used for heating and cooling of rooms
- high heating and cooling output
- four-pipe systems
- stainless-steel case for condensate drain
- possibility of control through BMS (Building Management System)
- can be ordered in Economic, Exclusive or Inox versions
- the convector is intended for dry environment

Specifications

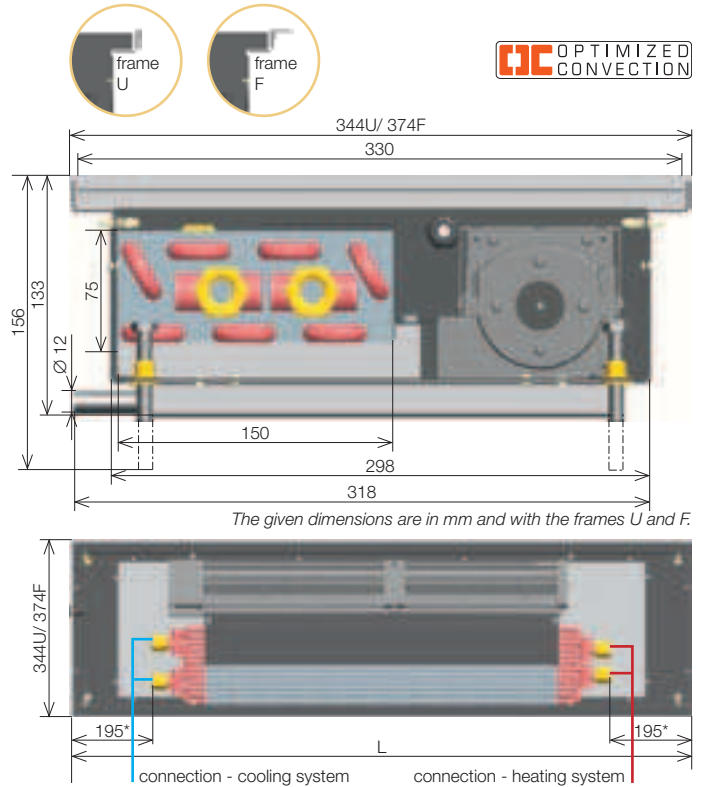
width including the U/F type frame (mm)	344U/374F
floor case width (mm)	298
grid width (mm)	330
max. adjustable height (V max. mm)	133-160
case depth (mm)	133
length (L mm)	1 200, 1 500, 2 000, 2 500, 3 000
exchanger height (mm)	75
exchanger width (mm)	150
fans impeller diameter (mm)	60
connection to the heating system	4x G 1/2" inner
case material	galv. steel, stainless steel 304, 316

Version Economic • black coated galvanized steel with inner stainless steel case AISI 316, the heat exchanger without 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



* For all manufactured lengths of PKWOC 13/34 the average distance for the connection is 195 mm.

* In case of floor convector PKWOC 13/34 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	34																															
Depth	cm	13																															
Length	cm	120				150				200				250				300															
Noisiness - acoustic pressure 1m	dB(A)	0	28.6	33.1	39.3	0	28.9	33.5	39.8	0	29.3	34	40.4	0	29.6	34.4	40.9	0	29.9	34.8	41.4												
Max. input/voltage DC	W/V	9.5/13.5				14/13.5				18.5/13.5				23/13.5				27.5/13.5															
Rpm		Off				1				2				3				Off				1				2				3			
Cooling output	t1 °C hum. %	Cooling output [W]																															
6/12 °C	28 50	-	457	591	726	-	659	852	1046	-	995	1287	1580	-	1331	1722	2113	-	1668	2157	2647												
	26 50	-	406	525	644	-	585	757	929	-	884	1143	1403	-	1182	1529	1876	-	1481	1915	2350												
	24 50	-	355	459	563	-	511	661	811	-	772	999	1225	-	1033	1336	1639	-	1294	1674	2053												
8/14 °C	28 50	-	406	525	644	-	585	757	929	-	884	1143	1403	-	1182	1529	1876	-	1481	1915	2350												
	26 50	-	355	459	563	-	511	661	811	-	772	999	1225	-	1033	1336	1639	-	1294	1674	2053												
	24 50	-	304	393	482	-	438	567	695	-	661	856	1050	-	885	1145	1405	-	1108	1434	1759												
10/15 °C	28 50	-	369	478	586	-	532	688	845	-	804	1040	1276	-	1075	1391	1707	-	1347	1742	2137												
	26 50	-	318	412	505	-	459	594	728	-	693	897	1100	-	927	1199	1472	-	1161	1502	1843												
	24 50	-	268	346	425	-	386	499	612	-	582	754	925	-	779	1008	1237	-	976	1263	1549												
Heat output	t1 °C	Heat output [W] / EN 442																															
75/65 °C	18	245	1629	2162	2696	353	2347	3116	3885	533	3545	4706	5867	713	4742	6296	7849	893	5940	7885	9831												
	20	234	1557	2067	2577	337	2244	2979	3714	509	3389	4499	5609	681	4534	6019	7504	853	5678	7538	9398												
	22	223	1486	1972	2459	322	2141	2843	3544	486	3234	4293	5352	650	4326	5743	7160	814	5419	7194	8969												
70/55 °C	18	205	1362	1808	2255	295	1963	2606	3249	446	2965	3936	4907	596	3966	5266	6565	747	4968	6595	8223												
	20	194	1292	1715	2139	280	1862	2472	3082	423	2812	3734	4655	565	3763	4995	6228	708	4713	6256	7800												
	22	184	1223	1623	2024	265	1762	2339	2917	400	2661	3533	4405	535	3560	4726	5893	670	4459	5920	7381												
55/45 °C	18	140	933	1239	1545	202	1345	1785	2226	305	2031	2696	3362	408	2717	3607	4497	512	3403	4518	5633												
	20	130	867	1150	1434	188	1249	1658	2067	283	1886	2504	3122	379	2523	3350	4176	475	3161	4196	5231												
	22	120	801	1063	1325	173	1154	1532	1910	262	1743	2313	2884	350	2331	3095	3859	439	2920	3877	4833												

- temperature exponent $m = 1.147$

Listed cooling outputs SENSITIV. Cooling outputs for other operating conditions on request.

* SENSITIV - cooling power actually delivered for cooling air.

Correction factor page 66 • Assembly page 70 • Regulation page 82 • Floor grids page 18