

HC

**HIGHLY EFFICIENT FLOOR CONVECTOR
WITH FAN FOR COOLING AND HEATING**


heat pump



heating



cooling



with a fan



dry environment

CHARACTERISTICS

- **for cooling and heating**
- high performance of forced convection (heats even when fan is off)
- stainless steel body
- available in many variants to suit your exact needs
- electronically commutated (EC) fan optimized for high performance and low vibration
- safe voltage 24 V DC
- control unit with its own microprocessor enabling a wide range of settings
- suitable for heat pumps and other renewable energy sources

DIMENSIONS

width (with standard frame) ¹⁾	200 / 260 / 340 mm
height	110 / 150 ²⁾ / 185 ²⁾ mm
length ³⁾	900 - 3000 mm
connection ⁴⁾	G1/2", G3/8"

1) + 16mm for type Air

2) by default only for width 340 mm

3) for non-standard lengths please contact your sales representative

4) external thread on heat-exchanger, without water connection accessories

ORDER CODE

KPSF P* 200 09* 110 41C

Category	Orientation	Width	Length	Height	Type
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200 x110					KPSF P* 200 09* 110 41C
216 x110	Air				KPSH P* 216 09* 110 41C
260 x110					KPSF P* 260 09* 110 61C
260 x110	4p				KPSE P* 260 09* 110 61C
276 x110	Air				KPSH P* 276 09* 110 61C
276 x110	Air 4p				KPSG P* 276 09* 110 61C
340 x110					KPSF P* 340 09* 110 81C
340 x110	4p				KPSE P* 340 09* 110 81C
356 x110	Air				KPSH P* 356 09* 110 81C
356 x110	Air 4p				KPSG P* 356 09* 110 81C
340 x150					KPSF P* 340 09* 150 C1C
340 x150	4p				KPSE P* 340 09* 150 C1C
356 x150	Air				KPSH P* 356 09* 150 C1C
356 x150	Air 4p				KPSG P* 356 09* 150 C1C
340 x185					KPSF P* 340 09* 185 G1C
340 x185	4p				KPSE P* 340 09* 185 G1C
356 x185	Air				KPSH P* 356 09* 185 G1C
356 x185	Air 4p				KPSG P* 356 09* 185 G1C

* Orientation

P = right connection, L = left connection

Length:

 09 = 900 mm, 10 = 1000 mm, 12 = 1250 mm, 15 = 1500 mm, 17 = 1750 mm,
20 = 2000 mm, 22 = 2250 mm, 25 = 2500 mm, 27 = 2750 mm, 30 = 3000 mm


HC series convectors are designed for the highest heating and cooling outputs. Thanks to efficient heat transfer even at low heating medium temperatures, they are a great choice for use with a heat pump. Thanks to minimal intervention in the interior, they are suitable for rooms with glass walls, winter gardens or office space.

Quiet operation

HC serie convectors have a low noise level. At low and medium speeds they do not exceed normal background noise. The smooth operation of the fan is ensured by a microprocessor control unit.

Compatibility with control systems

The control unit also offers a wide range of settings that allow optimal convector control using different types of thermostats, systems for building management (BMS) or Smart Home systems. By default, you can set the type of regulation, the control values of the regulation voltage, the range and speed of the fan, the type of electrothermic heads and the limit temperature of the heating medium.

Ecological and economic solution

Due to the low volume of water in the exchanger and the high heat transfer efficiency is the HC line suitable for environmentally friendly and energy efficient heating. Low water volume minimizes losses in distribution and reduces the reaction times of the system.

A wide range of accessories

For your comfort, the HC series convectors can be ordered with the complete accessories needed for easy installation and a reliable function. You can find an overview of accessories on the MINIB website.

ORIENTATION AND CONNECTION

When ordering HC series convectors, it is necessary to specify the orientation of the convector (left/right) and the water connection orientation (straight/coraneous).

Convector as the main source of heat/cooling

If the convector works as the main heat/cooling source we recommend to install the convector with the exchanger to the room side.

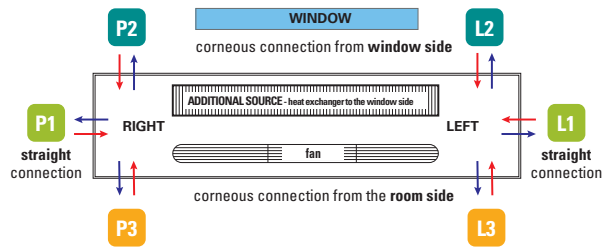
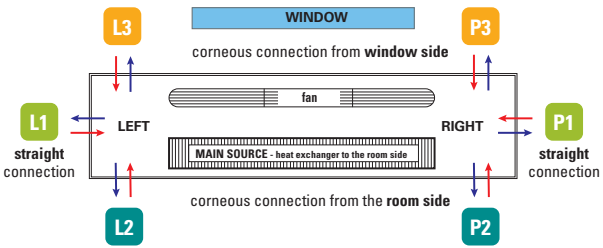
Convector as an additional source of heat/cooling

If the convector is used as an additional heat/cooling source, which prevents the condensation of the window and creates a thermal barrier preventing the transfer of cold/heat from the space behind the windows, we recommend to install the convector with the heat exchanger towards the window.

CONNECTION OPENINGS

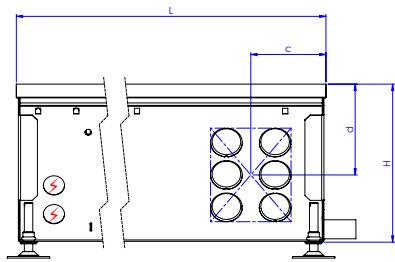
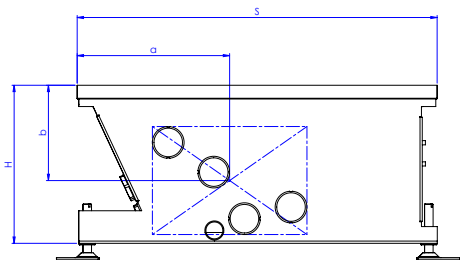
The convector is supplied with pre-cut holes for all connection directions and all variants of connection accessories. Simply push-out the holes according to the connection direction you have chosen. The positions of the connection openings for the individual dimensions of the convector are shown in the drawings. The openings are placed symmetrically according to the longitudinal and transverse axes of the convector.

	S	H	a	b	c	d	e	f
HC 200 x110	200	110	91	59	76	64	95	64
HC Air 216 x110	216	110	107	59	76	64	95	64
HC 260 x110	260	110	99	64	76	64	95	64
HC Air 276 x110	276	110	115	64	76	64	95	64
HC 340 x110	340	110	144	64	76	64	95	64
HC Air 356 x110	356	110	160	64	76	64	95	64
HC 340 x150	340	150	144	90	71	86	90	87
HC Air 356 x150	356	150	160	90	71	86	90	87
HC 340 x185	340	185	121	102	71	109	90	105
HC Air 356 x185	356	185	137	102	71	109	90	105



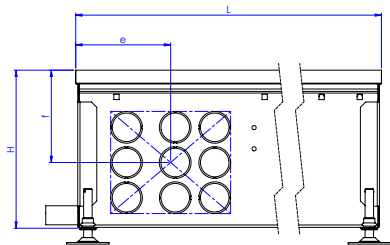
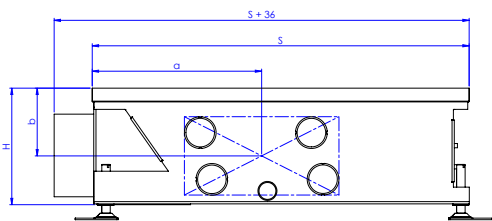
STRAIGHT CONNECTION P1

CORNEOUS CONNECTION P2



STRAIGHT CONNECTION P1 - type AIR

CORNEOUS CONNECTION P3



HEATING AND COOLING POWER

HC 200 x 110 / HC Air 216 x110

HC 200 x 110 / HC Air 216 x 110 heating power Q [W]					
length L [mm]	input/output water temperature [°C]	fan speed			
		off	low	medium	high
		air temperature TA=20°C			
900	85/75	119	888	1291	1693
	75/65	99	739	1073	1407
	65/55	79	589	856	1123
	45/40	44	329	478	627
1000	85/75	139	1036	1506	1975
	75/65	116	862	1252	1642
	65/55	92	687	999	1310
	45/40	51	384	558	731
1250	85/75	189	1407	2044	2680
	75/65	157	1169	1699	2228
	65/55	125	933	1355	1778
	45/40	70	521	757	993
1500	85/75	238	1777	2581	3386
	75/65	198	1477	2146	2815
	65/55	158	1178	1712	2246
	45/40	88	658	956	1254
1750	85/75	288	2147	3119	4091
	75/65	239	1785	2593	3401
	65/55	191	1424	2069	2713
	45/40	107	795	1155	1515
2000	85/75	337	2517	3657	4796
	75/65	281	2093	3040	3988
	65/55	224	1669	2425	3181
	45/40	125	932	1354	1776
2250	85/75	387	2887	4195	5502
	75/65	322	2401	3487	4574
	65/55	257	1915	2782	3649
	45/40	143	1069	1553	2038
2500	85/75	437	3257	4732	6207
	75/65	363	2708	3934	5161
	65/55	290	2160	3139	4117
	45/40	162	1206	1753	2299
2750	85/75	486	3628	5270	6913
	75/65	404	3016	4382	5747
	65/55	322	2406	3495	4585
	45/40	180	1344	1952	2560
3000	85/75	536	3998	5808	7618
	75/65	446	3324	4829	6334
	65/55	355	2652	3852	5053
	45/40	198	1481	2151	2821

HC 200 x 110 / HC Air 216 x 110 cooling power Q [W]					
length L [mm]	input/output water temperature [°C]	relative humidity [%]	fan speed		
			low	medium	high
			air temperature TA=27°C		
900	7/12	sensitive	193	302	411
	7/12	50	244	382	520
	16/18	sensitive	116	182	247
	16/18	50	116	182	247
1000	7/12	sensitive	225	352	479
	7/12	50	284	445	606
	16/18	sensitive	135	212	289
	16/18	50	135	212	289
1250	7/12	sensitive	305	477	650
	7/12	50	386	604	823
	16/18	sensitive	184	288	392
	16/18	50	184	288	392
1500	7/12	sensitive	385	603	821
	7/12	50	488	763	1039
	16/18	sensitive	232	363	495
	16/18	50	232	363	495
1750	7/12	sensitive	465	729	992
	7/12	50	589	922	1256
	16/18	sensitive	280	439	598
	16/18	50	280	439	598
2000	7/12	sensitive	546	854	1163
	7/12	50	691	1081	1472
	16/18	sensitive	329	515	701
	16/18	50	329	515	701
2250	7/12	sensitive	626	980	1334
	7/12	50	792	1240	1689
	16/18	sensitive	377	591	804
	16/18	50	377	591	804
2500	7/12	sensitive	706	1106	1505
	7/12	50	894	1399	1905
	16/18	sensitive	426	666	907
	16/18	50	426	666	907
2750	7/12	sensitive	787	1231	1676
	7/12	50	995	1559	2122
	16/18	sensitive	474	742	1010
	16/18	50	474	742	1010
3000	7/12	sensitive	867	1357	1847
	7/12	50	1097	1718	2338
	16/18	sensitive	522	818	1113
	16/18	50	522	818	1113

HC 260 x 110 / HC Air 276 x 110

HC 260 x 110 / HC Air 276 x 110 heating power Q [W]					
length L [mm]	input/output water temperature [°C]	fan speed			
		off	low	medium	high
		air temperature TA=20°C			
900	85/75	137	1291	1862	2241
	75/65	115	1079	1556	1873
	65/55	92	866	1250	1504
	45/40	52	492	709	854
1000	85/75	160	1506	2173	2614
	75/65	134	1259	1816	2185
	65/55	107	1011	1458	1754
	45/40	61	574	828	996
1250	85/75	217	2044	2948	3548
	75/65	182	1709	2464	2966
	65/55	146	1372	1979	2381
	45/40	83	779	1123	1352
1500	85/75	275	2582	3724	4482
	75/65	230	2158	3113	3746
	65/55	184	1733	2499	3008
	45/40	105	984	1419	1707
1750	85/75	332	3120	4500	5416
	75/65	277	2608	3761	4526
	65/55	223	2094	3020	3634
	45/40	126	1189	1714	2063
2000	85/75	389	3658	5276	6349
	75/65	325	3058	4410	5307
	65/55	261	2455	3540	4261
	45/40	148	1394	2010	2419
2250	85/75	446	4196	6052	7283
	75/65	373	3507	5058	6087
	65/55	299	2816	4061	4887
	45/40	170	1599	2306	2775
2500	85/75	503	4734	6828	8217
	75/65	421	3957	5707	6868
	65/55	338	3177	4582	5514
	45/40	192	1804	2601	3130
2750	85/75	561	5272	7604	9151
	75/65	469	4407	6355	7648
	65/55	376	3538	5102	6140
	45/40	214	2009	2897	3486
3000	85/75	618	5810	8380	10084
	75/65	516	4856	7004	8428
	65/55	415	3899	5623	6767
	45/40	235	2214	3192	3842

HC260 x 110 / HC Air 276 x 110 cooling power Q [W]					
length L [mm]	input/output water temperature [°C]	relative humidity [%]	fan speed		
			low	medium	high
			air temperature TA=27°C		
900	7/12	sensitive	272	405	537
	7/12	50	349	519	689
	16/18	sensitive	164	244	323
	16/18	50	164	244	323
1000	7/12	sensitive	318	472	627
	7/12	50	407	605	803
	16/18	sensitive	191	284	377
	16/18	50	191	284	377
1250	7/12	sensitive	431	641	850
	7/12	50	552	821	1090
	16/18	sensitive	259	386	512
	16/18	50	259	386	512
1500	7/12	sensitive	544	809	1074
	7/12	50	698	1038	1377
	16/18	sensitive	328	487	647
	16/18	50	328	487	647
1750	7/12	sensitive	658	978	1298
	7/12	50	843	1254	1664
	16/18	sensitive	396	589	781
	16/18	50	396	589	781
2000	7/12	sensitive	771	1146	1522
	7/12	50	989	1470	1951
	16/18	sensitive	464	690	916
	16/18	50	464	690	916
2250	7/12	sensitive	885	1315	1746
	7/12	50	1134	1686	2238
	16/18	sensitive	532	792	1051
	16/18	50	532	792	1051
2500	7/12	sensitive	998	1484	1969
	7/12	50	1279	1902	2525
	16/18	sensitive	601	893	1186
	16/18	50	601	893	1186
2750	7/12	sensitive	1111	1652	2193
	7/12	50	1425	2118	2812
	16/18	sensitive	669	995	1320
	16/18	50	669	995	1320
3000	7/12	sensitive	1225	1821	2417
	7/12	50	1570	2335	3099
	16/18	sensitive	737	1096	1455
	16/18	50	737	1096	1455

HEATING AND COOLING POWER

HC4P 260 x 110 / HC4P Air 276 x110

HC4P 260 x 110 / HC Air 276 x 110 heating power Q [W]					
length L [mm]	input/output water temperature [°C]	fan speed			
		off	low	medium	high
		air temperature TA=20°C			
900	85/75	113	803	1070	1294
	75/65	93	664	884	1070
	65/55	74	526	700	847
	45/40	40	288	384	464
1000	85/75	131	937	1248	1510
	75/65	109	774	1032	1248
	65/55	86	613	817	989
	45/40	47	336	448	542
1250	85/75	178	1272	1694	2050
	75/65	147	1051	1400	1694
	65/55	117	832	1109	1342
	45/40	64	456	608	735
1500	85/75	225	1606	2140	2589
	75/65	186	1327	1769	2140
	65/55	147	1051	1401	1695
	45/40	81	576	768	929
1750	85/75	272	1941	2586	3128
	75/65	225	1604	2137	2586
	65/55	178	1270	1693	2048
	45/40	98	696	928	1122
2000	85/75	319	2275	3032	3668
	75/65	264	1881	2506	3031
	65/55	209	1489	1984	2401
	45/40	114	816	1088	1316
2250	85/75	366	2610	3477	4207
	75/65	303	2157	2874	3477
	65/55	240	1708	2276	2754
	45/40	131	936	1247	1509
2500	85/75	413	2945	3923	4746
	75/65	341	2434	3243	3923
	65/55	270	1927	2568	3107
	45/40	148	1056	1407	1703
2750	85/75	460	3279	4369	5286
	75/65	380	2710	3611	4369
	65/55	301	2146	2860	3460
	45/40	165	1176	1567	1896
3000	85/75	507	3614	4815	5825
	75/65	419	2987	3980	4815
	65/55	332	2365	3152	3813
	45/40	182	1296	1727	2090

HC4P 260 x 110 / HC Air 276 x 110 cooling power Q [W]					
length L [mm]	input/output water temperature [°C]	relative humidity [%]	fan speed		
			low	medium	high
			air temperature TA=27°C		
900	7/12	sensitive	194	306	419
	7/12	50	249	394	539
	16/18	sensitive	111	175	239
	16/18	50	111	175	239
1000	7/12	sensitive	226	357	489
	7/12	50	291	460	629
	16/18	sensitive	129	204	279
	16/18	50	129	204	279
1250	7/12	sensitive	307	485	663
	7/12	50	395	624	854
	16/18	sensitive	175	277	379
	16/18	50	175	277	379
1500	7/12	sensitive	388	613	838
	7/12	50	499	789	1078
	16/18	sensitive	221	350	479
	16/18	50	221	350	479
1750	7/12	sensitive	468	740	1012
	7/12	50	603	953	1303
	16/18	sensitive	268	423	578
	16/18	50	268	423	578
2000	7/12	sensitive	549	868	1187
	7/12	50	707	1117	1528
	16/18	sensitive	314	496	678
	16/18	50	314	496	678
2250	7/12	sensitive	630	996	1361
	7/12	50	811	1282	1753
	16/18	sensitive	360	569	778
	16/18	50	360	569	778
2500	7/12	sensitive	710	1123	1536
	7/12	50	915	1446	1977
	16/18	sensitive	406	642	878
	16/18	50	406	642	878
2750	7/12	sensitive	791	1251	1710
	7/12	50	1019	1610	2202
	16/18	sensitive	452	715	977
	16/18	50	452	715	977
3000	7/12	sensitive	872	1378	1885
	7/12	50	1122	1775	2427
	16/18	sensitive	498	788	1077
	16/18	50	498	788	1077

HC 340 x 110 / HC Air 356 x 110

HC 340 x 110 / HC Air 356 x 110 heating power Q [W]						
length L [mm]	input/output water temperature [°C]	fan speed			air temperature TA=20°C	
		off	low	medium		high
900	85/75	190	1935	2447	3041	
	75/65	160	1627	2058	2558	
	65/55	129	1316	1665	2069	
	45/40	75	762	964	1198	
1000	85/75	221	2257	2855	3548	
	75/65	186	1898	2401	2984	
	65/55	151	1535	1942	2414	
	45/40	87	889	1124	1397	
1250	85/75	300	3063	3875	4816	
	75/65	253	2576	3259	4050	
	65/55	204	2084	2636	3276	
	45/40	118	1206	1526	1896	
1500	85/75	379	3869	4894	6083	
	75/65	319	3254	4116	5115	
	65/55	258	2632	3330	4138	
	45/40	149	1524	1927	2396	
1750	85/75	458	4675	5914	7350	
	75/65	385	3932	4974	6181	
	65/55	312	3180	4023	5000	
	45/40	181	1841	2329	2895	
2000	85/75	537	5481	6934	8617	
	75/65	452	4609	5831	7247	
	65/55	366	3729	4717	5862	
	45/40	212	2159	2731	3394	
2250	85/75	616	6287	7954	9885	
	75/65	518	5287	6689	8313	
	65/55	419	4277	5411	6725	
	45/40	243	2476	3132	3893	
2500	85/75	696	7093	8973	11152	
	75/65	585	5965	7546	9378	
	65/55	473	4826	6104	7587	
	45/40	274	2793	3534	4392	
2750	85/75	775	7899	9993	12419	
	75/65	651	6643	8404	10444	
	65/55	527	5374	6798	8449	
	45/40	305	3111	3935	4891	
3000	85/75	854	8705	11013	13687	
	75/65	718	7321	9261	11510	
	65/55	581	5922	7492	9311	
	45/40	336	3428	4337	5390	

HC 340 x 110 / HC Air 356 x 110 cooling power Q [W]						
length L [mm]	input/output water temperature [°C]	relative humidity [%]	fan speed			air temperature TA=27°C
			low	medium	high	
900	7/12	sensitive	532	679	898	
	7/12	50	686	875	1158	
	16/18	sensitive	316	403	534	
	16/18	50	316	403	534	
1000	7/12	sensitive	621	792	1048	
	7/12	50	800	1021	1351	
	16/18	sensitive	369	471	623	
	16/18	50	369	471	623	
1250	7/12	sensitive	843	1075	1422	
	7/12	50	1086	1385	1834	
	16/18	sensitive	501	639	845	
	16/18	50	501	639	845	
1500	7/12	sensitive	1064	1357	1797	
	7/12	50	1372	1750	2316	
	16/18	sensitive	633	807	1068	
	16/18	50	633	807	1068	
1750	7/12	sensitive	1286	1640	2171	
	7/12	50	1658	2114	2799	
	16/18	sensitive	764	975	1290	
	16/18	50	764	975	1290	
2000	7/12	sensitive	1508	1923	2545	
	7/12	50	1944	2479	3281	
	16/18	sensitive	896	1143	1512	
	16/18	50	896	1143	1512	
2250	7/12	sensitive	1730	2206	2919	
	7/12	50	2230	2843	3764	
	16/18	sensitive	1028	1311	1735	
	16/18	50	1028	1311	1735	
2500	7/12	sensitive	1951	2488	3294	
	7/12	50	2516	3208	4246	
	16/18	sensitive	1160	1479	1957	
	16/18	50	1160	1479	1957	
2750	7/12	sensitive	2173	2771	3668	
	7/12	50	2802	3573	4729	
	16/18	sensitive	1291	1647	2180	
	16/18	50	1291	1647	2180	
3000	7/12	sensitive	2395	3054	4042	
	7/12	50	3088	3937	5211	
	16/18	sensitive	1423	1815	2402	
	16/18	50	1423	1815	2402	

HEATING AND COOLING POWER

HC4P 340 x 110 / HC4P Air 356 x 110

HC4P 340 x 110 / HC4P Air 356 x 110 heating power Q [W]					
length L [mm]	input/ output water temperature [°C]	fan speed			
		off	low	medium	high
		air temperature TA=20°C			
900	85/75	152	1430	1646	1937
	75/65	126	1183	1362	1602
	65/55	100	938	1080	1271
	45/40	55	516	594	699
1000	85/75	177	1668	1920	2259
	75/65	147	1380	1589	1869
	65/55	116	1094	1260	1482
	45/40	64	602	693	815
1250	85/75	241	2264	2606	3066
	75/65	199	1873	2156	2537
	65/55	158	1485	1710	2012
	45/40	87	817	940	1106
1500	85/75	304	2860	3292	3873
	75/65	252	2366	2723	3205
	65/55	200	1876	2160	2541
	45/40	110	1032	1187	1397
1750	85/75	367	3455	3977	4680
	75/65	304	2859	3291	3872
	65/55	241	2267	2609	3071
	45/40	133	1246	1435	1688
2000	85/75	431	4051	4663	5487
	75/65	356	3352	3858	4540
	65/55	283	2658	3059	3600
	45/40	155	1461	1682	1979
2250	85/75	494	4647	5349	6294
	75/65	409	3845	4425	5208
	65/55	324	3049	3509	4129
	45/40	178	1676	1929	2270
2500	85/75	558	5243	6035	7101
	75/65	461	4337	4993	5875
	65/55	366	3439	3959	4659
	45/40	201	1891	2177	2562
2750	85/75	621	5838	6721	7908
	75/65	514	4830	5560	6543
	65/55	407	3830	4409	5188
	45/40	224	2106	2424	2853
3000	85/75	684	6434	7406	8715
	75/65	566	5323	6128	7210
	65/55	449	4221	4859	5718
	45/40	247	2321	2672	3144

HC4P 340 x 110 / HC4P Air 356 x 110 cooling power Q [W]					
length L [mm]	input/ output water temperature [°C]	relative humidity [%]	fan speed		
			low	medium	high
			air temperature TA=27°C		
900	7/12	sensitive	507	646	856
	7/12	50	632	806	1067
	16/18	sensitive	301	384	508
	16/18	50	301	384	508
1000	7/12	sensitive	591	754	998
	7/12	50	737	940	1245
	16/18	sensitive	351	448	593
	16/18	50	351	448	593
1250	7/12	sensitive	803	1023	1355
	7/12	50	1001	1276	1689
	16/18	sensitive	477	608	805
	16/18	50	477	608	805
1500	7/12	sensitive	1014	1293	1711
	7/12	50	1264	1612	2134
	16/18	sensitive	602	768	1017
	16/18	50	602	768	1017
1750	7/12	sensitive	1225	1562	2067
	7/12	50	1527	1948	2578
	16/18	sensitive	728	928	1229
	16/18	50	728	928	1229
2000	7/12	sensitive	1436	1831	2424
	7/12	50	1791	2283	3022
	16/18	sensitive	853	1088	1440
	16/18	50	853	1088	1440
2250	7/12	sensitive	1647	2101	2780
	7/12	50	2054	2619	3467
	16/18	sensitive	979	1248	1652
	16/18	50	979	1248	1652
2500	7/12	sensitive	1859	2370	3137
	7/12	50	2317	2955	3911
	16/18	sensitive	1104	1408	1864
	16/18	50	1104	1408	1864
2750	7/12	sensitive	2070	2639	3493
	7/12	50	2581	3291	4356
	16/18	sensitive	1230	1568	2076
	16/18	50	1230	1568	2076
3000	7/12	sensitive	2281	2908	3850
	7/12	50	2844	3627	4800
	16/18	sensitive	1355	1728	2288
	16/18	50	1355	1728	2288

HC 340 x 150 / HC Air 356 x 150

HC 340 x 150 / HC Air 356 x 150 heating power Q [W]					
length L [mm]	input/ output water temperature [°C]	fan speed			
		off	low	medium	high
		air temperature TA=20°C			
900	85/75	280	2859	3505	4442
	75/65	232	2365	2900	3674
	65/55	184	1876	2299	2913
	45/40	101	1031	1264	1602
1000	85/75	327	3336	4090	5182
	75/65	271	2760	3383	4287
	65/55	215	2188	2683	3399
	45/40	118	1203	1475	1868
1250	85/75	444	4527	5550	7033
	75/65	367	3745	4592	5818
	65/55	291	2970	3641	4613
	45/40	160	1632	2001	2536
1500	85/75	561	5719	7011	8883
	75/65	464	4731	5800	7349
	65/55	368	3751	4599	5827
	45/40	202	2062	2528	3203
1750	85/75	678	6910	8472	10734
	75/65	561	5716	7008	8880
	65/55	445	4532	5557	7041
	45/40	244	2492	3055	3870
2000	85/75	795	8101	9932	12585
	75/65	657	6702	8217	10411
	65/55	521	5314	6515	8255
	45/40	287	2921	3581	4538
2250	85/75	911	9293	11393	14435
	75/65	754	7688	9425	11942
	65/55	598	6095	7473	9469
	45/40	329	3351	4108	5205
2500	85/75	1028	10484	12853	16286
	75/65	851	8673	10633	13473
	65/55	674	6877	8431	10683
	45/40	371	3780	4635	5872
2750	85/75	1145	11675	14314	18137
	75/65	947	9659	11842	15004
	65/55	751	7658	9389	11897
	45/40	413	4210	5161	6540
3000	85/75	1262	12867	15775	19987
	75/65	1044	10644	13050	16535
	65/55	828	8440	10347	13110
	45/40	455	4639	5688	7207

HC 340 x 150 / HC Air 356 x 150 cooling power Q [W]					
length L [mm]	input/ output water temperature [°C]	relative humidity [%]	fan speed		
			low	medium	high
			air temperature TA=27°C		
900	7/12	sensitive	611	799	1081
	7/12	50	765	1001	1355
	16/18	sensitive	349	457	618
	16/18	50	349	457	618
1000	7/12	sensitive	712	932	1261
	7/12	50	893	1168	1581
	16/18	sensitive	407	533	721
	16/18	50	407	533	721
1250	7/12	sensitive	967	1265	1712
	7/12	50	1212	1585	2146
	16/18	sensitive	552	723	978
	16/18	50	552	723	978
1500	7/12	sensitive	1221	1598	2163
	7/12	50	1531	2003	2710
	16/18	sensitive	698	913	1236
	16/18	50	698	913	1236
1750	7/12	sensitive	1476	1931	2613
	7/12	50	1850	2420	3275
	16/18	sensitive	843	1103	1493
	16/18	50	843	1103	1493
2000	7/12	sensitive	1730	2264	3064
	7/12	50	2168	2837	3840
	16/18	sensitive	989	1293	1751
	16/18	50	989	1293	1751
2250	7/12	sensitive	1985	2596	3514
	7/12	50	2487	3254	4404
	16/18	sensitive	1134	1484	2008
	16/18	50	1134	1484	2008
2500	7/12	sensitive	2239	2929	3965
	7/12	50	2806	3671	4969
	16/18	sensitive	1279	1674	2266
	16/18	50	1279	1674	2266
2750	7/12	sensitive	2493	3262	4415
	7/12	50	3125	4089	5534
	16/18	sensitive	1425	1864	2523
	16/18	50	1425	1864	2523
3000	7/12	sensitive	2748	3595	4866
	7/12	50	3444	4506	6098
	16/18	sensitive	1570	2054	2780
	16/18	50	1570	2054	2780

HC 340 x 150 / HC Air 356 x 150 cooling power Q [W]						
length L [mm]	input/ output water temperature [°C]	relative humidity [%]	fan speed			air temperature TA=27°C
			low	medium	high	
900	7/12	sensitive	611	799	1081	
	7/12	50	765	1001	1355	
	16/18	sensitive	349	457	618	
	16/18	50	349	457	618	
1000	7/12	sensitive	712	932	1261	
	7/12	50	893	1168	1581	
	16/18	sensitive	407	533	721	
	16/18	50	407	533	721	
1250	7/12	sensitive	967	1265	1712	
	7/12	50	1212	1585	2146	
	16/18	sensitive	552	723	978	
	16/18	50	552	723	978	
1500	7/12	sensitive	1221	1598	2163	
	7/12	50	1531	2003	2710	
	16/18	sensitive	698	913	1236	
	16/18	50	698	913	1236	
1750	7/12	sensitive	1476	1931	2613	
	7/12	50	1850	2420	3275	
	16/18	sensitive	843	1103	1493	
	16/18	50	843	1103	1493	
2000	7/12	sensitive	1730	2264	3064	
	7/12	50	2168	2837	3840	
	16/18	sensitive	989	1293	1751	
	16/18	50	989	1293	1751	
2250	7/12	sensitive	1985	2596	3514	
	7/12	50	2487	3254	4404	
	16/18	sensitive	1134	1484	2008	
	16/18	50	1134	1484	2008	
2500	7/12	sensitive	2239	2929	3965	
	7/12	50	2806	3671	4969	
	16/18	sensitive	1279	1674	2266	
	16/18	50	1279	1674	2266	
2750	7/12	sensitive	2493	3262	4415	
	7/12	50	3125	4089	5534	
	16/18	sensitive	1425	1864	2523	
	16/18	50	1425	1864	2523	
3000	7/12	sensitive	2748	3595	4866	
	7/12	50	3444	4506	6098	
	16/18	sensitive	1570	2054	2780	
	16/18	50	1570	2054	2780	

HEATING AND COOLING POWER

HC4P 340 x 150 / HC4P Air 356 x 150

HC4P 340 x 150 / HC4P Air 356 x 150 heating power Q [W]					
length L [mm]	input/ output water temperature [°C]	fan speed			
		off	low	medium	high
		air temperature TA=20°C			
900	85/75	128	1292	1458	1682
	75/65	105	1062	1198	1382
	65/55	83	835	943	1088
	45/40	44	450	508	586
1000	85/75	149	1507	1701	1962
	75/65	123	1239	1398	1613
	65/55	96	975	1100	1269
	45/40	52	525	593	683
1250	85/75	202	2045	2309	2663
	75/65	166	1681	1898	2189
	65/55	131	1323	1493	1722
	45/40	70	713	804	928
1500	85/75	255	2584	2916	3364
	75/65	210	2124	2397	2765
	65/55	165	1671	1886	2175
	45/40	89	900	1016	1172
1750	85/75	309	3122	3524	4064
	75/65	254	2566	2896	3341
	65/55	200	2019	2278	2628
	45/40	108	1088	1227	1416
2000	85/75	362	3660	4131	4765
	75/65	298	3009	3396	3917
	65/55	234	2367	2671	3081
	45/40	126	1275	1439	1660
2250	85/75	415	4199	4739	5466
	75/65	341	3451	3895	4493
	65/55	268	2715	3064	3535
	45/40	145	1463	1651	1904
2500	85/75	468	4737	5346	6167
	75/65	385	3894	4394	5069
	65/55	303	3063	3457	3988
	45/40	163	1650	1862	2148
2750	85/75	522	5275	5954	6867
	75/65	429	4336	4894	5645
	65/55	337	3411	3850	4441
	45/40	182	1838	2074	2392
3000	85/75	575	5813	6561	7568
	75/65	473	4779	5393	6221
	65/55	372	3759	4243	4894
	45/40	200	2025	2285	2636

HC4P 340 x 150 / HC4P Air 356 x 150 cooling power Q [W]					
length L [mm]	input/ output water temperature [°C]	relative humidity [%]	fan speed		
			low	medium	high
			air temperature TA=27°C		
900	7/12	sensitive	548	699	925
	7/12	50	694	886	1172
	16/18	sensitive	326	415	550
	16/18	50	326	415	550
1000	7/12	sensitive	640	816	1079
	7/12	50	810	1033	1367
	16/18	sensitive	380	485	641
	16/18	50	380	485	641
1250	7/12	sensitive	868	1107	1465
	7/12	50	1100	1402	1856
	16/18	sensitive	516	658	871
	16/18	50	516	658	871
1500	7/12	sensitive	1096	1398	1851
	7/12	50	1389	1771	2344
	16/18	sensitive	652	831	1100
	16/18	50	652	831	1100
1750	7/12	sensitive	1325	1689	2236
	7/12	50	1678	2140	2833
	16/18	sensitive	787	1004	1329
	16/18	50	787	1004	1329
2000	7/12	sensitive	1553	1981	2622
	7/12	50	1968	2509	3321
	16/18	sensitive	923	1177	1558
	16/18	50	923	1177	1558
2250	7/12	sensitive	1782	2272	3007
	7/12	50	2257	2878	3809
	16/18	sensitive	1059	1350	1787
	16/18	50	1059	1350	1787
2500	7/12	sensitive	2010	2563	3393
	7/12	50	2546	3247	4298
	16/18	sensitive	1195	1523	2016
	16/18	50	1195	1523	2016
2750	7/12	sensitive	2239	2854	3778
	7/12	50	2836	3616	4786
	16/18	sensitive	1330	1696	2245
	16/18	50	1330	1696	2245
3000	7/12	sensitive	2467	3146	4164
	7/12	50	3125	3985	5274
	16/18	sensitive	1466	1869	2474
	16/18	50	1466	1869	2474

HC 340 x 185 / HC Air 356 x 185

HC 340 x 185 / HC Air 356 x 185 heating power Q [W]					
length L [mm]	input/ output water temperature [°C]	fan speed			
		off	low	medium	high
		air temperature TA=20°C			
900	85/75	265	2429	3945	5841
	75/65	222	2037	3309	4899
	65/55	179	1643	2668	3950
	45/40	103	943	1531	2267
1000	85/75	309	2834	4603	6814
	75/65	259	2377	3860	5715
	65/55	209	1916	3113	4608
	45/40	120	1100	1787	2645
1250	85/75	419	3846	6247	9248
	75/65	352	3226	5239	7756
	65/55	283	2601	4224	6254
	45/40	163	1493	2425	3589
1500	85/75	529	4858	7891	11681
	75/65	444	4075	6618	9797
	65/55	358	3285	5336	7899
	45/40	205	1886	3063	4534
1750	85/75	640	5870	9535	14115
	75/65	537	4923	7997	11838
	65/55	433	3970	6448	9545
	45/40	248	2279	3701	5479
2000	85/75	750	6883	11179	16549
	75/65	629	5772	9375	13879
	65/55	507	4654	7559	11191
	45/40	291	2671	4339	6423
2250	85/75	860	7895	12823	18982
	75/65	722	6621	10754	15920
	65/55	582	5339	8671	12836
	45/40	334	3064	4977	7368
2500	85/75	971	8907	14466	21416
	75/65	814	7470	12133	17961
	65/55	656	6023	9783	14482
	45/40	377	3457	5615	8312
2750	85/75	1081	9919	16110	23850
	75/65	907	8319	13512	20002
	65/55	731	6707	10894	16128
	45/40	420	3850	6253	9257
3000	85/75	1191	10931	17754	26283
	75/65	999	9168	14890	22043
	65/55	805	7392	12006	17773
	45/40	462	4243	6891	10201

HC 340 x 185 / HC Air 356 x 185 cooling power Q [W]					
length L [mm]	input/ output water temperature [°C]	relative humidity [%]	fan speed		
			low	medium	high
			air temperature TA=27°C		
900	7/12	sensitive	402	1052	1645
	7/12	50	517	1354	2117
	16/18	sensitive	243	636	994
	16/18	50	243	636	994
1000	7/12	sensitive	468	1228	1920
	7/12	50	603	1580	2470
	16/18	sensitive	283	742	1160
	16/18	50	283	742	1160
1250	7/12	sensitive	636	1666	2605
	7/12	50	818	2144	3352
	16/18	sensitive	343	1007	1574
	16/18	50	343	1007	1574
1500	7/12	sensitive	803	2105	3291
	7/12	50	1033	2708	4234
	16/18	sensitive	485	1272	1989
	16/18	50	485	1272	1989
1750	7/12	sensitive	970	2543	3976
	7/12	50	1248	3272	5116
	16/18	sensitive	586	1537	2403
	16/18	50	586	1537	2403
2000	7/12	sensitive	1138	2982	4662
	7/12	50	1464	3836	5998
	16/18	sensitive	687	1802	2817
	16/18	50	687	1802	2817
2250	7/12	sensitive	1305	3420	5347
	7/12	50	1679	4400	6881
	16/18	sensitive	789	2067	3232
	16/18	50	789	2067	3232
2500	7/12	sensitive	1472	3858	6033
	7/12	50	1894	4965	7763
	16/18	sensitive	890	2332	3646
	16/18	50	890	2332	3646
2750	7/12	sensitive	1639	4297	6719
	7/12	50	2109	5529	8645
	16/18	sensitive	991	2597	4060
	16/18	50	991	2597	4060
3000	7/12	sensitive	1807	4735	7404
	7/12	50	2325	6093	9527
	16/18	sensitive	1092	2862	4475
	16/18	50	1092	2862	4475

HC 340 x 185 / HC Air 356 x 185 cooling power Q [W]						
length L [mm]	input/ output water temperature [°C]	relative humidity [%]	fan speed			air temperature TA=27°C
			low	medium	high	
900	7/12	sensitive	402	1052	1645	
	7/12	50	517	1354	2117	
	16/18	sensitive	243	636	994	
	16/18	50	243	636	994	
1000	7/12	sensitive	468	1228	1920	
	7/12	50	603	1580	2470	
	16/18	sensitive	283	742	1160	
	16/18	50	283	742	1160	
1250	7/12	sensitive	636	1666	2605	
	7/12	50	818	2144	3352	
	16/18	sensitive	343	1007	1574	
	16/18	50	343	1007	1574	
1500	7/12	sensitive	803	2105	3291	
	7/12	50	1033	2708	4234	
	16/18	sensitive	485	1272	1989	
	16/18	50	485	1272	1989	
1750	7/12	sensitive	970	2543	3976	
	7/12	50	1248	3272	5116	
	16/18	sensitive	586	1537	2403	
	16/18	50	586	1537	2403	
2000	7/12	sensitive	1138	2982	4662	
	7/12	50	1464	3836	5998	
	16/18	sensitive	687	1802	2817	
	16/18	50	687	1802	2817	
2250	7/12	sensitive	1305	3420	5347	
	7/12	50	1679	4400	6881	
	16/18	sensitive	789	2067	3232	
	16/18	50	789	2067	3232	
2500	7/12	sensitive	1472	3858	6033	
	7/12	50	1894	4965	7763	
	16/18	sensitive	890	2332	3646	
	16/18	50	890	2332	3646	
2750	7/12	sensitive	1639	4297	6719	
	7/12	50	2109	5529	8645	
	16/18	sensitive	991	2597	4060	
	16/18	50	991	2597	4060	
3000	7/12	sensitive	1807	4735	7404	
	7/12	50	2325	6093	9527	
	16/18	sensitive	1092	2862	4475	
	16/18	50	1092	2862	4475	

HEATING AND COOLING POWER

HC4P 340 x 185 / HC4P Air 356 x 185

HC4P 340 x 185 / HC4P Air 356 x 185 heating power Q [W]					
length L [mm]	input/output water temperature [°C]	fan speed			
		off	low	medium	high
		air temperature TA=20°C			
900	85/75	85	777	1486	2042
	75/65	71	646	1236	1698
	65/55	56	516	986	1355
	45/40	31	288	551	758
1000	85/75	99	907	1734	2383
	75/65	82	754	1442	1982
	65/55	66	602	1151	1581
	45/40	37	336	643	884
1250	85/75	134	1231	2353	3234
	75/65	112	1024	1957	2689
	65/55	89	817	1562	2146
	45/40	50	457	873	1200
1500	85/75	170	1555	2972	4085
	75/65	141	1293	2472	3397
	65/55	113	1032	1973	2711
	45/40	63	577	1103	1515
1750	85/75	205	1879	3592	4936
	75/65	170	1562	2987	4105
	65/55	136	1247	2384	3276
	45/40	76	697	1332	1831
2000	85/75	240	2203	4211	5786
	75/65	200	1832	3502	4812
	65/55	159	1462	2795	3840
	45/40	89	817	1562	2147
2250	85/75	276	2526	4830	6637
	75/65	229	2101	4017	5520
	65/55	183	1677	3206	4405
	45/40	102	937	1792	2462
2500	85/75	311	2850	5449	7488
	75/65	259	2370	4532	6228
	65/55	206	1892	3617	4970
	45/40	115	1057	2022	2778
2750	85/75	346	3174	6069	8339
	75/65	288	2640	5047	6936
	65/55	230	2107	4028	5535
	45/40	128	1178	2251	3094
3000	85/75	381	3498	6688	9190
	75/65	317	2909	5562	7643
	65/55	253	2322	4439	6100
	45/40	142	1298	2481	3409

HC4P 340 x 185 / HC4P Air 356 x 185 cooling power Q [W]					
length L [mm]	input/output water temperature [°C]	relative humidity [%]	fan speed		
			low	medium	high
			air temperature TA=27°C		
900	7/12	sensitive	394	1032	1613
	7/12	50	506	1327	2076
	16/18	sensitive	238	623	975
	16/18	50	238	623	975
1000	7/12	sensitive	459	1204	1882
	7/12	50	591	1549	2422
	16/18	sensitive	278	727	1137
	16/18	50	278	727	1137
1250	7/12	sensitive	623	1633	2554
	7/12	50	802	2102	3286
	16/18	sensitive	337	987	1543
	16/18	50	337	987	1543
1500	7/12	sensitive	787	2063	3226
	7/12	50	1013	2655	4151
	16/18	sensitive	476	1247	1950
	16/18	50	476	1247	1950
1750	7/12	sensitive	951	2493	3898
	7/12	50	1224	3208	5016
	16/18	sensitive	575	1507	2356
	16/18	50	575	1507	2356
2000	7/12	sensitive	1115	2923	4571
	7/12	50	1435	3761	5881
	16/18	sensitive	674	1766	2762
	16/18	50	674	1766	2762
2250	7/12	sensitive	1279	3353	5243
	7/12	50	1646	4314	6746
	16/18	sensitive	773	2026	3168
	16/18	50	773	2026	3168
2500	7/12	sensitive	1443	3783	5915
	7/12	50	1857	4867	7610
	16/18	sensitive	872	2286	3574
	16/18	50	872	2286	3574
2750	7/12	sensitive	1607	4213	6587
	7/12	50	2068	5420	8475
	16/18	sensitive	971	2546	3981
	16/18	50	971	2546	3981
3000	7/12	sensitive	1771	4642	7259
	7/12	50	2279	5973	9340
	16/18	sensitive	1070	2806	4387
	16/18	50	1070	2806	4387

The convector comes completely assembled and ready for immediate installation. Thanks to the output inspection in the production plant, we can guarantee the highest quality and functionality of MINIB products.

The technical parameters are set according to the relevant standards. In fact, they may vary depending on the location of the convector, the cover grille, the connection type.

As a part of the product development, MINIB, a.s. reserves the right of construction and price adjustments.

ACOUSTIC PRESSURE

HC - 200 x 110, 260 x 110, type Air + 16 mm

length L [mm]	Speed		
	speed 1	speed 2	speed 3
	Equivalent acoustic pressure level LAeq, 2m [dB]		
900	<20	22,4	34,0
1000	<20	22,6	34,2
1250	<20	23,1	34,7
1500	<20	23,6	35,2
1750	20,1	23,8	35,4
2000	20,2	23,9	35,6
2250	20,9	24,7	36,9
2500	21,5	25,5	38,1
2750	22,2	26,3	39,4
3000	22,8	27,1	40,6

measurement at a distance of 2m from the noise source at 1m height

INPUT POWER

HC - 200 x 110, 260 x 110, type Air + 16 mm

length [mm]	POWER [W]	
900	6	
1000	7	
1250	8	
1500	11	
1750	13	
2000	15	
2250	18	
2500	20	
2750	22	
3000	24	

ACOUSTIC PRESSURE

HC - 340 x 110, 340 x 150, type Air + 16 mm

length L [mm]	Speed		
	speed 1	speed 2	speed 3
	Equivalent acoustic pressure level LAeq, 2m [dB]		
900	30,8	32,6	38,8
1000	31,4	33,2	39,4
1250	32,8	34,7	40,9
1500	33,0	34,8	41,0
1750	34,1	35,9	42,0
2000	34,3	36,1	42,2
2250	34,5	36,3	42,4
2500	34,7	36,5	42,6
2750	34,9	36,7	42,8
3000	35,1	36,9	43,0

measurement at a distance of 2m from the noise source at 1m height

INPUT POWER

HC - 340 x 110, 340 x 150, type Air + 16 mm

length [mm]	POWER [W]	
900	16	
1000	23	
1250	25	
1500	40	
1750	46	
2000	48	
2250	72	
2500	73	
2750	75	
3000	87	

ACOUSTIC PRESSURE

340 x 185, type Air + 16 mm

length L [mm]	Speed		
	speed 1	speed 2	speed 3
	Equivalent acoustic pressure level LAeq, 2m [dB]		
900	28,8	34,8	48,8
1000	29,0	35,0	49,0
1250	29,5	35,5	49,5
1500	30,0	36,0	50,0
1750	31,0	37,0	51,0
2000	32,0	38,0	52,0
2250	32,3	38,3	52,3
2500	32,5	38,5	52,5
2750	32,8	38,8	52,8
3000	33,0	39,0	53,0

measurement at a distance of 2m from the noise source at 1m height

INPUT POWER

340 x 185, type Air + 16 mm

length [mm]	POWER [W]	
900	17	
1000	18	
1250	50	
1500	75	
1750	84	
2000	90	
2250	93	
2500	102	
2750	150	
3000	168	

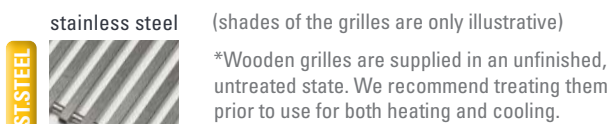
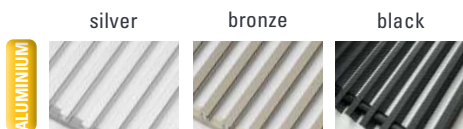
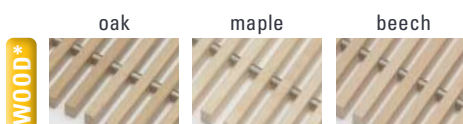
ACCESSORIES

The standard delivery includes convector, standard frame and anchoring accessories. All other accessories (convector grille, connection accessories, control elements, etc.) must be ordered and specified separately.

COMPATIBLE GRILLES

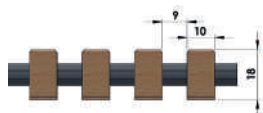
Stainless steel grille must be ordered with the convector due to the modification of the convector construction. Standard grilles are transverse. If you are interested in LONGITUDINAL GRILLES, please contact your sales representative.

GRILLES - materials

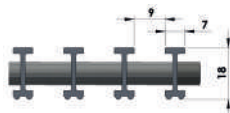


GRILLES - PROFILE

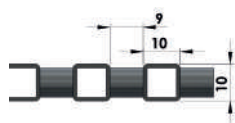
- wood-rolling/stable-dense



- AL-rolling/stable-dense



- st. steel-rolling/stable-dense¹⁾



1) the grille must be ordered with the convector due to the modification of the convector construction

COMPATIBLE FRAMES

- Standard frame (AL-aluminium)
- Covering frame (AL-aluminium)



Convectors are designed to the CONCRETE FLOOR, in case of HOLLOW FLOOR installation, please consult with your sales representative.

WATER CONNECTION ACCESSORIES

- connection **WITHOUT HEAD**
- connection **WITH ELECTROTHERMAL HEAD**
- connection **WITH CUSTOMER HEAD** (after consultation)

The type of connection accessories varies according to the size and direction of the connection. Connection accessories are packed separately and are not included in the standard convector delivery.

The table below shows compatible connection accessory sets. If you require non-standard or custom connection accessories, please contact your sales representative.

Connection set typically include:

- flex hoses
- ball valve or screw fitting
- thermostatic valve (only sets ready for head)

	WITHOUT head			READY for head		
	L1/R1	L2/R2	L3/R3	L1/R1	L2/R2	L3/R3
HC 200 x110	PB ¹⁾	PF ¹⁾	PF ¹⁾	PJ ¹⁾	PO ¹⁾	PO ¹⁾
HC Air 216 x 110	PB ¹⁾	PF ¹⁾	PF ¹⁾	PJ ¹⁾	PO ¹⁾	PO ¹⁾
HC 260 x 110	PC	PG	PG	PK	PR	PS
HC Air 276 x 110	PC	PG	PG	PK	PR	PS
HC4P 260 x 110	2XPB ¹⁾	2XPF ¹⁾	2XPF ¹⁾	2XPJ ¹⁾	2XPO ¹⁾	2XPJ
HC4P Air 276 x 110	2XPB ¹⁾	2XPF ¹⁾	2XPF ¹⁾	2XPJ ¹⁾	2XPO ¹⁾	2XPJ
HC 340 x110	PC	PG	PG	PK	PR	PS
HC Air 356 x 110	PC	PG	PG	PK	PR	PS
HC4P 340 x 110	2XPC	2XPG	2XPG	2XPK	2XPR ¹⁾	2XPS ¹⁾
HC4P Air 356 x 110	2XPC	2XPG	2XPG	2XPK	2XPR ¹⁾	2XPS ¹⁾
HC 340 x 150	PD	PH	PH	PL ⁴⁾	PT ⁴⁾	PT ⁴⁾
HC Air 356 x 150	PD	PH	PH	PL ⁴⁾	PT ⁴⁾	PT ⁴⁾
HC4P 340 x 150	2XPD ¹⁾	2XPH ¹⁾	2XPH ¹⁾	2XPL ^{1) 4)}	2XPT ^{1) 4)}	PU ^{1) 4)}
HC4P Air 356 x 150	2XPD ¹⁾	2XPH ¹⁾	2XPH ¹⁾	2XPL ^{1) 4)}	2XPT ^{1) 4)}	PU ^{1) 4)}
HC 340 x 185	PD	PH	PH	PL ⁴⁾	PT ⁴⁾	PT ⁴⁾
HC Air 356 x 185	PD	PH	PH	PL ⁴⁾	PT ⁴⁾	PT ⁴⁾
HC4P 340 x 185	2XPD ¹⁾	2XPH ¹⁾	2XPH ¹⁾	2XPL ^{1) 4)}	2XPT ^{1) 4)}	PU ^{1) 4)}
HC4P Air 356 x 185	2XPD ¹⁾	2XPH ¹⁾	2XPH ¹⁾	2XPL ^{1) 4)}	2XPT ^{1) 4)}	PU ^{1) 4)}

¹⁾ due to small size of the convector, it is necessary to take into account less space for connection accessories

⁴⁾ type of head must be consulted

CONVECTOR JOINTS

HC series convectors are manufactured up to 3000 mm in lengths as standard. Larger lengths can be achieved by joining multiple convectors behind each other. Optically, the joint appears to be one long convector. In this way, any lengths can be achieved, including the connection of angle, corner and to the arc.

POSSIBLE ANGLES AND ARCS OF TRENCH HEATERS

ANGLE TYPE OF CONNECTION



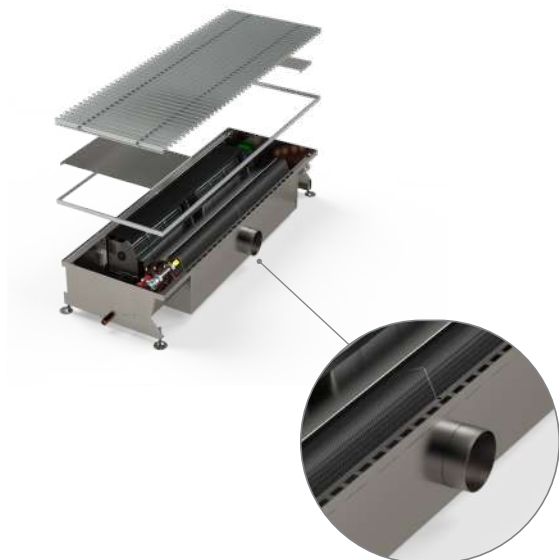
ARC TYPE OF CONNECTION



AIR

Convector with connection to fresh air supply. The air supplied to the convector flows through an air buffer reducing the speed of the air flow to reduce noise. The air outlet is brought out in the edge of the convector under the cover grid.

Illustrative picture of spigot type AIR



REGULATION OPTIONS

Type of regulation	Function of the convector	Control	Switched sources
EB-A ¹⁾ manual	heating	thermostat UT15 customer thermostat for 12V or 230V + ADA converter	for DIN rail: PSD 55W PSD 90W
	heating cooling	BMS superior system thermostat UT15	
EB-B automatic	heating	thermostat UT15 thermostat CH110 thermostat TH343 customer thermostat for 12V or 230V + ADA converter	
	heating cooling	thermostat UT15 customer thermostat for 12V or 230V + ADA converter	

IT IS POSSIBLE TO USE YOUR OWN REGULATION.

1) it is necessary to reset the control unit-EB-block (by default it is set to EB-B / EB-C)

thermoelectric valve head



A floating contact thermostat, such as CH110 or UT15, is suitable for controlling thermoelectric heads.



CH110 thermostat



UT15 thermostat



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