MIGLIO

BORA C.255

HEAT PUMP CONVECTOR



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DESCRIPTION

BORA C is a ceiling-mounted heat pump convector, designed specifically for **seamless installation into technical ceilings**.

The **BORA C.200** shares its heat exchanger and fan technology with the BORA CW.200, making it a compact and efficient solution for offices and commercial spaces where ceiling installation is preferred. The **BORA C.255** goes a step further: delivering higher capacity and equipped with stronger fans capable of overcoming up to 50 Pa external static pressure, making large spaces with high ceilings no obstacle.

For truly large volumes, the **BORA C.390 | 450 | 500** provide the answer: designed for ultra-high performance while keeping low-noise operation in mind, this model can handle up to 150 Pa external static pressure — ideal for the largest commercial applications.

Each model is available in a 2-pipe or 4-pipe version, providing flexibility in installation and climate control. Thanks to their intuitive airflow design, the units are able to deliver the required comfort even at low fan speeds, ensuring quiet and efficient operation all year round.



BORA C.255 front view

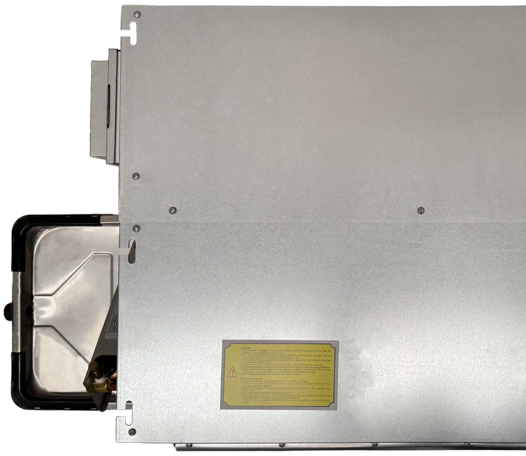
FEATURES

- Perfect match with heat pumps for maximum system efficiency
- Ceiling-mounted design for higher capacity applications
- Available in 2-pipe or 4-pipe version
- Flexible connection options for easy installation: standard with G3/4" hydraulic and electrical connection left, optional alternative configuration
- Low-noise centrifugal fan, suitable for sound-sensitive environments
- Energy-efficient EC motor with 0-10 V stepless speed control and 3-speed control (Low, Medium, High), 230 VAC power supply, with up to 50 Pa external static pressure capability
- Washable polypropylene-nylon air filter
- External condensate tray for reliable drainage in ceiling installations
- High-performance aluminium-copper heat exchanger with hydrophilic coating for optimal cooling efficiency, equipped with air vent

APPLICATIONS

Suitable for larger spaces with higher ceilings requiring greater capacity and stronger fans to overcome up to 50 Pa external static pressure.

- Large commercial spaces (open-plan offices, conference rooms, retail, hospitality)
- Educational buildings (schools, universities)
- Healthcare facilities (clinics, hospitals, care homes)



PERFORMANCE OVERVIEW

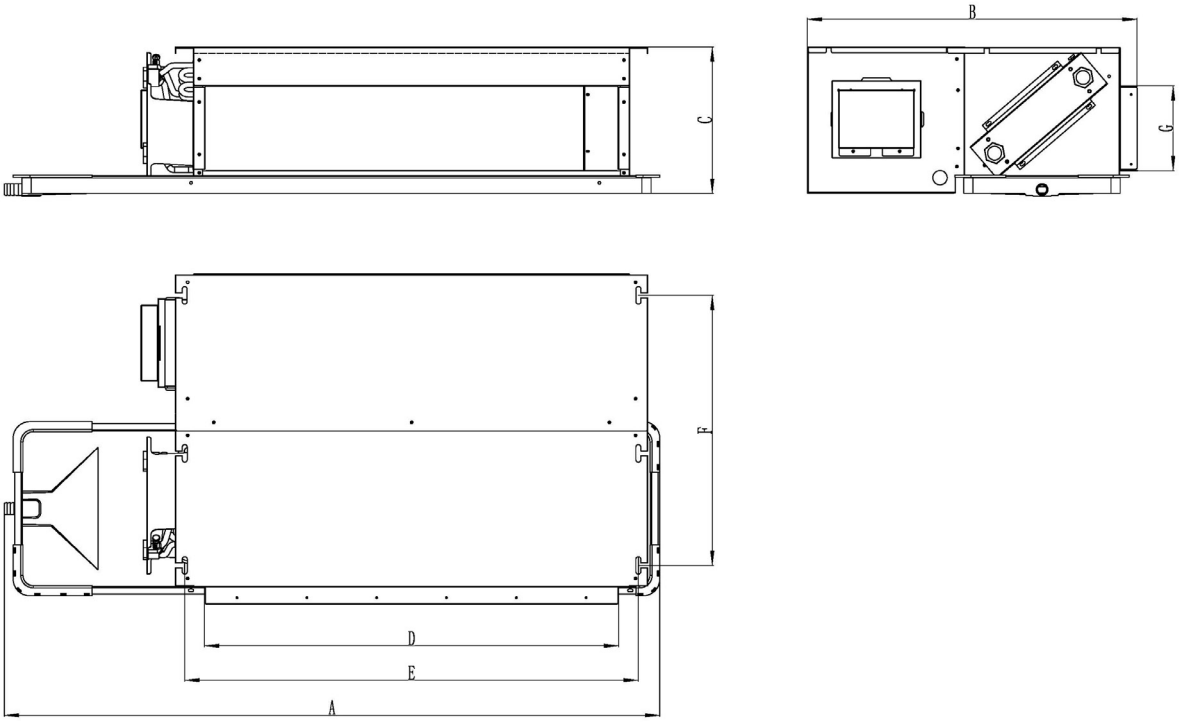
2-PIPE

- Heating capacity (35/30/20 °C): 624 - 7223 W
- Non-condensing cooling capacity (16/18/27 °C, RH 50 %): 495 - 5505 W
- Condensing cooling capacity (7/12/27 °C, RH 50 %): 1131 - 12321 W
- Sound pressure level: 21.0 - 51.0 dB(A)

4-PIPE

- Heating capacity (35/30/20 °C): 232 - 2511 W
- Non-condensing cooling capacity (16/18/27 °C, RH 50 %): 503 - 5770 W
- Condensing cooling capacity (7/12/27 °C, RH 50 %): 1158 - 13026 W
- Sound pressure level: 21.0 - 51.0 dB(A)

DIMENSIONS *(in mm)*



MODEL*	A	B	C	D	E	F	G
BORA C.255.020	925	566	255	442	510	465	146
BORA C.255.030	1025	566	255	642	710	465	146
BORA C.255.040	1025	566	255	692	760	465	146
BORA C.255.050	1125	566	255	712	780	465	146
BORA C.255.060	1125	566	255	782	850	465	146
BORA C.255.080	1525	566	255	1092	1160	465	146
BORA C.255.100	1725	566	255	1282	1350	465	146
BORA C.255.120	1825	566	255	1422	1490	465	146
BORA C.255.140	1825	566	255	1452	1520	465	146

** The dimensions of the 4-pipe version are identical to those of the 2-pipe.*

TECHNICAL DATA

2-PIPE

MODEL	CONTROL VOLTAGE	HEATING CAPACITY* 35/30/20 °C	45/40/20 °C	55/45/20 °C	75/65/20 °C	NON-CONDENSING COOLING CAPACITY* 16/18/27 °C, RH 50 %	TOTAL COOLING CAPACITY* 7/12/27 °C, RH 50 %	SENSIBLE COOLING CAPACITY* 7/12/27 °C, RH 50 %	POWER CONSUMPTION	AIRFLOW RATE	SOUND PRESSURE LEVEL**	WEIGHT
-	V	W	W	W	W	W	W	W	W	m³/h	dB(A)	kg
BORA C.255.020	3	624	1163	1520	2593	495	1131	783	4.1	170	21.0	20.0
	7	853	1614	2088	3606	691	1516	1079	6.9	255	26.0	
	10	1055	2018	2594	4516	870	1852	1347	12.6	340	33.0	
BORA C.255.030	3	940	1718	2271	3822	728	1716	1163	6.0	255	27.0	22.4
	7	1283	2375	3114	5292	1013	2310	1598	13.0	383	29.0	
	10	1583	2955	3856	6594	1268	2829	1986	21.0	510	33.0	
BORA C.255.040	3	1252	2288	3026	5089	978	2315	1564	6.9	340	27.0	25.0
	7	1708	3157	4144	7036	1360	3118	2149	14.0	510	30.0	
	10	2110	3933	5135	8773	1706	3825	2676	24.0	680	36.0	
BORA C.255.050	3	1540	2820	3725	6275	1203	2826	1917	8.0	425	26.0	27.8
	7	2096	3884	5091	8656	1668	3798	2630	17.0	638	33.0	
	10	2583	4825	6292	10767	2087	4649	3267	38.0	850	42.0	
BORA C.255.060	3	1733	3180	4193	7078	1402	3287	2233	9.0	510	28.0	28.1
	7	2332	4326	5666	9645	1935	4402	3047	26.0	765	39.0	
	10	2857	5336	6958	11909	2413	5381	3776	51.0	1020	44.0	
BORA C.255.080	3	2422	4453	5867	9915	1898	4417	3016	13.0	680	26.0	38.1
	7	3286	6116	7994	13639	2626	5916	4127	29.0	1020	37.0	
	10	4045	7591	9871	16948	3282	7232	5122	60.0	1360	44.0	
BORA C.255.100	3	2998	5484	7247	12203	2364	5563	3769	16.0	850	30.0	43.6
	7	4058	7506	9849	16729	3267	7461	5153	42.0	1275	40.0	
	10	4988	9296	12139	20738	4081	9131	6393	86.0	1700	48.0	
BORA C.255.120	3	3598	6561	8686	14594	2794	6588	4456	19.7	1020	31.0	45.8
	7	4868	8973	11799	19989	3852	8827	6079	58.0	1530	41.0	
	10	5983	11106	14538	24765	4803	10795	7528	108.0	2040	49.0	
BORA C.255.140	3	4312	7849	10405	17455	3215	7542	5117	29.0	1190	33.0	46.8
	7	5860	10786	14196	24022	4422	10087	6966	74.0	1785	44.0	
	10	7223	13393	17544	29859	5505	12321	8616	158.0	2380	51.0	

** According to EN 1397.*

*** According to EN ISO 3741, with an assumed room attenuation of 8 dB(A). This corresponds to a measurement distance of 2 m, a room volume of 100 m³, and a reverberation time of 0.5 s.*

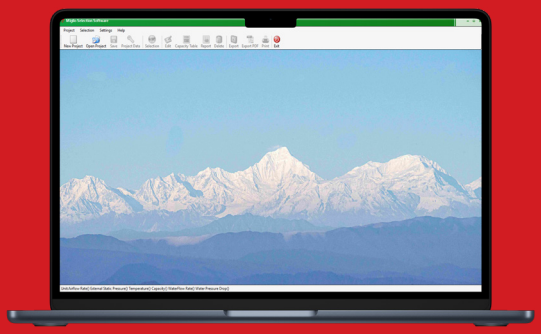
MODEL	CONTROL VOLTAGE	HEATING CAPACITY* 35/30/20 °C	45/40/20 °C	55/45/20 °C	75/65/20 °C	NON-CONDENSING COOLING CAPACITY* 16/18/27 °C, RH 50 %	TOTAL COOLING CAPACITY* 7/12/27 °C, RH 50 %	SENSIBLE COOLING CAPACITY* 7/12/27 °C, RH 50 %	POWER CONSUMPTION	AIRFLOW RATE	SOUND PRESSURE LEVEL**	WEIGHT
-	V	W	W	W	W	W	W	W	W	m³/h	dB(A)	kg
BORA C.255.020.4P	3	232	529	609	1209	503	1158	797	4.1	170	21.0	21.2
	7	292	682	775	1563	705	1555	1102	6.9	255	26.0	
	10	343	812	914	1864	888	1903	1378	12.6	340	33.0	
BORA C.255.030.4P	3	417	877	1063	1986	781	1893	1260	6.0	255	27.0	23.6
	7	534	1140	1369	2586	1101	2577	1753	13.0	383	29.0	
	10	633	1364	1627	3098	1391	3180	2198	21.0	510	33.0	
BORA C.255.040.4P	3	529	1105	1344	2501	1016	2438	1633	6.9	340	27.0	26.2
	7	675	1430	1724	3243	1422	3303	2258	14.0	510	30.0	
	10	799	1710	2048	3881	1792	4068	2824	24.0	680	36.0	
BORA C.255.050.4P	3	619	1297	1575	2936	1233	2924	1973	8.0	425	26.0	29.2
	7	789	1674	2015	3796	1718	3943	2717	17.0	638	33.0	
	10	931	1995	2388	4530	2156	4838	3384	38.0	850	42.0	
BORA C.255.060.4P	3	744	1539	1882	3479	1469	3495	2353	9.0	510	28.0	29.8
	7	947	1985	2409	4493	2043	4711	3234	26.0	765	39.0	
	10	1120	2367	2857	5365	2562	5782	4026	51.0	1020	44.0	
BORA C.255.080.4P	3	961	2034	2454	4610	1957	4603	3122	13.0	680	26.0	40.2
	7	1221	2621	3134	5950	2722	6191	4292	29.0	1020	37.0	
	10	1440	3123	3711	7099	3414	7588	5344	60.0	1360	44.0	
BORA C.255.100.4P	3	1244	2573	3148	5815	2452	5838	3928	16.0	850	30.0	46.1
	7	1585	3318	4030	7512	3410	7870	5400	42.0	1275	40.0	
	10	1875	3958	4781	8970	4277	9662	6724	86.0	1700	48.0	
BORA C.255.120.4P	3	1498	3060	3772	6907	2924	6991	4690	19.7	1020	31.0	48.5
	7	1910	3947	4831	8921	4062	9425	6441	58.0	1530	41.0	
	10	2260	4708	5734	10651	5090	11571	8013	108.0	2040	49.0	
BORA C.255.140.4P	3	1669	3413	4205	7705	3336	7912	5334	29.0	1190	33.0	49.6
	7	2124	4393	5375	9930	4616	10631	7299	74.0	1785	44.0	
	10	2511	5233	6372	11841	5770	13026	9061	158.0	2380	51.0	

** According to EN 1397.*

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MIGLIO
SELECTION SOFTWARE

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Since product development is a continuous process, specifications are subject to change without prior notice.