MIGLIO

BORA CW.119

HEAT PUMP CONVECTOR





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DESCRIPTION

BORA CW is a heat pump convector with an integrated L-shaped condensate tray, making the unit suitable for both **ceiling and wall installation** — without the need for a separate condensate tray.

The **BORA CW.119** is a slim, discreet yet powerful solution for a quiet and fast ideal indoor climate, perfectly suited for residential and smaller commercial applications. The **BORA CW.200** goes a step further: with higher heating and cooling capacity, this model offers tailored comfort for larger offices and commercial applications, all year round.

Each model is available with casing for surface mounting or without casing for recessed installation. In addition, there is a choice between a 2-pipe version and a 4-pipe version with an extra heat exchanger, for even more flexibility in installation and climate control.



BORA CW.119 without casing



BORA CW.119 with casing

FEATURES

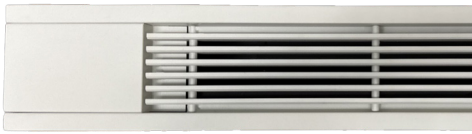
- Perfect match with heat pumps for maximum system efficiency
- Compact, lightweight design for easy installation
- Available with or without casing, in 2-pipe or 4-pipe version
- Flexible connection options: standard with G1/2" hydraulic connection left and electrical connection right, optional reversed configuration (hydraulic right, electrical left)
- Low-noise tangential fan, suitable for sound-sensitive environments
- Energy-efficient EC motor with 0-10 V stepless speed control, 24 VDC power supply
- Steel air filter
- L-shaped condensate tray for both wall and ceiling mounting
- High-performance aluminium-copper heat exchanger with hydrophilic coating for optimal cooling efficiency
- Durable electro-galvanised steel casing with premium finish: standard in Traffic White RAL 9016, soft-touch, lightly textured satin powder coating, other colours available on request

APPLICATIONS

Suitable for all types of buildings requiring whisper-quiet cooling and heating in a visually discreet design.

- Residential buildings (apartments, houses, lofts)
- Smaller commercial spaces (offices, meeting rooms, retail, hospitality)





PERFORMANCE OVERVIEW

2-PIPE WITHOUT CASING

- Heating capacity (35/30/20 °C): 333 - 2148 W
- Non-condensing cooling capacity (16/18/27 °C, RH 50 %): 235 - 1176 W
- Condensing cooling capacity (7/12/27 °C, RH 50 %): 454 - 2637 W
- Sound pressure level: 24.0 - 48.5 dB(A)

4-PIPE WITHOUT CASING

- Heating capacity (35/30/20 °C): 89 - 817 W
- Non-condensing cooling capacity (16/18/27 °C, RH 50 %): 116 - 860 W
- Condensing cooling capacity (7/12/27 °C, RH 50 %): 240 - 1956 W
- Sound pressure level: 24.0 - 48.5 dB(A)

2-PIPE WITH CASING

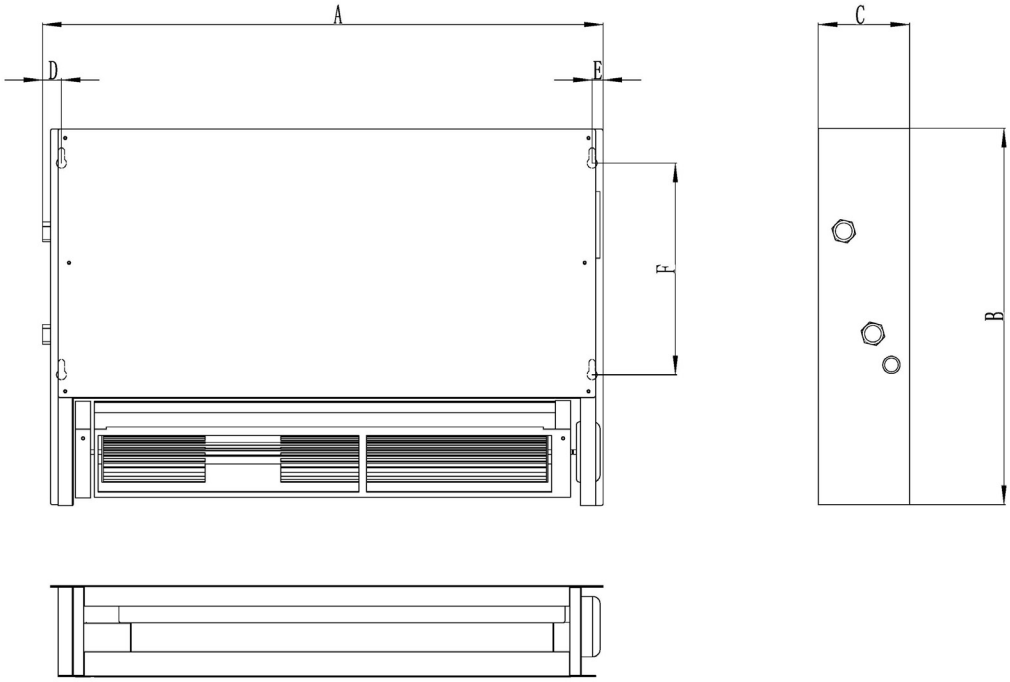
- Heating capacity (35/30/20 °C): 314 - 2086 W
- Non-condensing cooling capacity (16/18/27 °C, RH 50 %): 220 - 1107 W
- Condensing cooling capacity (7/12/27 °C, RH 50 %): 430 - 2500 W
- Sound pressure level: 22.2 - 46.5 dB(A)

4-PIPE WITH CASING

- Heating capacity (35/30/20 °C): 84 - 775 W
- Non-condensing cooling capacity (16/18/27 °C, RH 50 %): 108 - 805 W
- Condensing cooling capacity (7/12/27 °C, RH 50 %): 226 - 1835 W
- Sound pressure level: 22.2 - 46.5 dB(A)

DIMENSIONS *(in mm)*

WITHOUT CASING

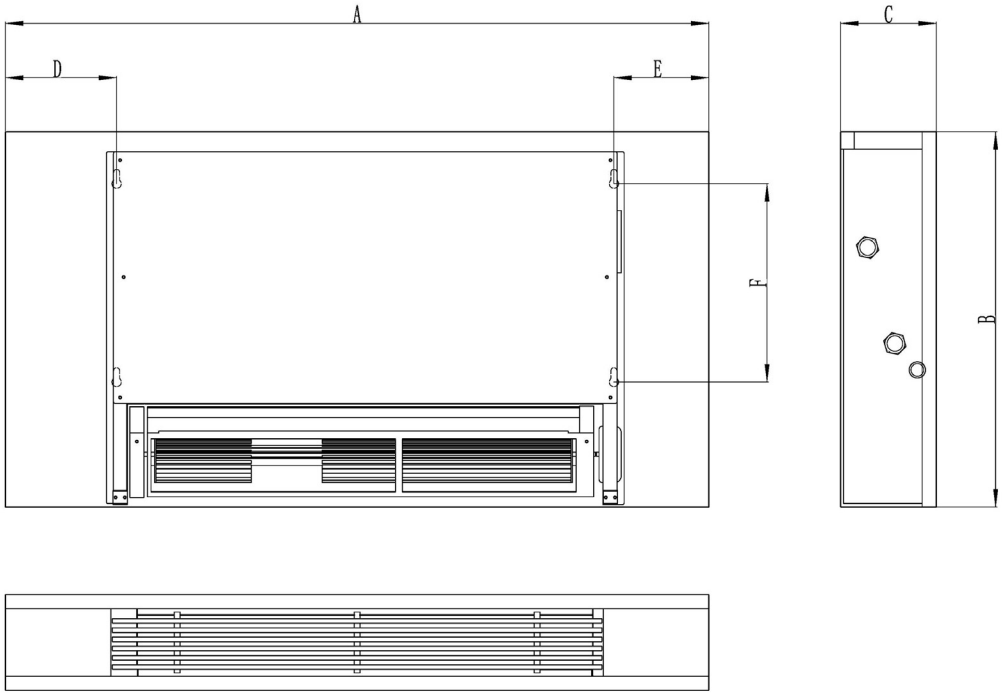


MODEL*	A	B	C	D	E	F
BORA CW.119.010	601	500	119	76	23	280
BORA CW.119.020	801	500	119	76	23	280
BORA CW.119.030	1023	500	119	76	23	280
BORA CW.119.040	1223	500	119	76	23	280

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

DIMENSIONS *(in mm)*

WITH CASING



MODEL*	A	B	C	D	E	F
BORA CW.119.010.CA	793	530	135	157	134	280
BORA CW.119.020.CA	993	530	135	157	134	280
BORA CW.119.030.CA	1295	530	135	157	134	280
BORA CW.119.040.CA	1495	530	135	157	134	280

** The dimensions of the 4-pipe version are identical to those of the 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 CW.119.010	3	333	636	819	1422	235	454	357	2.6	99	24.0	9.7
	7	490	959	1215	2151	370	671	556	7.5	174	36.8	
	10	583	1152	1451	2588	457	805	686	16.8	228	44.0	
BORA CW.119.020	3	558	1020	1350	2268	338	721	523	2.8	145	24.5	12.8
	7	873	1631	2127	3638	550	1127	843	7.6	265	37.7	
	10	1021	1922	2495	4292	658	1327	1006	15.6	332	45.0	
BORA CW.119.030	3	844	1492	2016	3304	472	1074	742	4.1	194	27.1	15.8
	7	1392	2511	3348	5578	784	1725	1220	13.9	360	40.7	
	10	1691	3078	4081	6844	965	2095	1495	28.8	467	48.0	
BORA CW.119.040	3	1046	1816	2481	4013	580	1358	921	4.2	226	29.1	18.8
	7	1733	3067	4139	6796	947	2151	1487	14.0	407	41.7	
	10	2148	3836	5146	8508	1176	2637	1838	28.8	531	48.5	

** According to EN 16430.*

*** 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.*

Need help selecting the right model?
Use our dedicated selection software for PC to easily calculate heating capacities and other technical data with just a few clicks!
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MIGLIO SELECTION SOFTWARE

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 CW.119.010.4P	3	89	203	234	464	116	240	179	1.9	47	24.0	10.9
	7	157	383	423	883	253	479	386	4.9	122	36.8	
	10	189	473	515	1093	332	606	503	10.3	171	44.0	
BORA CW.119.020.4P	3	201	419	510	947	217	477	341	2.7	98	24.5	14.6
	7	304	652	781	1480	370	783	575	8.0	189	37.7	
	10	367	795	945	1808	473	981	731	15.6	257	45.0	
BORA CW.119.030.4P	3	340	668	845	1501	325	752	517	3.2	147	27.1	18.8
	7	538	1078	1345	2426	572	1287	902	10.2	295	40.7	
	10	636	1284	1595	2894	708	1575	1113	22.3	385	48.0	
BORA CW.119.040.4P	3	435	837	1072	1876	396	934	634	3.9	178	29.1	23.5
	7	682	1336	1691	2999	686	1578	1089	12.4	349	41.7	
	10	817	1610	2030	3618	860	1956	1359	27.3	462	48.5	

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-	V	W	W	W	W	W	W	W	W	m³/h	dB(A)	kg
BORA CW.119.010.CA	3	314	596	770	1332	220	430	334	2.6	90	22.2	15.7
	7	466	907	1153	2033	347	637	522	7.5	158	35.1	
	10	557	1096	1384	2461	430	767	646	16.8	207	42.5	
BORA CW.119.020.CA	3	525	954	1267	2120	317	683	492	2.8	132	25.4	19.8
	7	830	1543	2019	3440	518	1071	796	7.6	241	37.2	
	10	974	1826	2377	4075	621	1262	950	15.6	302	43.5	
BORA CW.119.030.CA	3	791	1389	1885	3074	446	1024	704	4.1	176	26.1	25.1
	7	1323	2373	3176	5267	744	1653	1162	13.9	328	39.5	
	10	1619	2929	3898	6508	918	2011	1427	28.8	425	46.5	
BORA CW.119.040.CA	3	983	1691	2324	3732	543	1280	865	4.2	205	27.9	29.9
	7	1664	2915	3959	6448	889	2035	1400	14.0	370	40.2	
	10	2086	3688	4981	8168	1107	2500	1735	28.8	483	46.5	

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-	V	W	W	W	W	W	W	W	W	m³/h	dB(A)	kg
BORA CW.119.010.4P.CA	3	84	192	221	438	108	226	167	1.9	43	22.2	16.9
	7	149	363	403	836	237	452	361	4.9	112	35.1	
	10	180	449	491	1037	311	572	471	10.3	157	42.5	
BORA CW.119.020.4P.CA	3	190	395	483	893	203	448	318	2.7	90	25.4	21.0
	7	289	617	741	1400	346	736	538	8.0	174	37.2	
	10	349	754	898	1713	442	923	685	15.6	236	43.5	
BORA CW.119.030.4P.CA	3	322	630	798	1414	303	704	483	3.2	135	26.1	26.3
	7	510	1019	1274	2294	535	1207	845	10.2	271	39.5	
	10	604	1216	1513	2740	663	1479	1043	22.3	354	46.5	
BORA CW.119.040.4P.CA	3	411	789	1011	1766	370	874	592	3.9	164	27.9	31.2
	7	646	1263	1600	2834	642	1479	1019	12.4	321	40.2	
	10	775	1524	1923	3424	805	1835	1273	27.3	425	46.5	

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