MIGLIO

BORA F.80

HEAT PUMP CONVECTOR



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DESCRIPTION

BORA F is a floor-mounted heat pump convector, designed for **seamless integration along façades and large glazed surfaces.** With **installation heights of 80, 100, 130 and 190 mm**, the range offers flexible solutions for both new-build and renovation projects.

By positioning the high-performance heat exchanger on the window side, BORA F effectively eliminates cold downdraughts and creates a comfortable air curtain. In heating mode, the cold air layer near the glass is drawn in, warmed and evenly distributed throughout the room. In cooling mode, warm indoor air is recirculated, cooled and returned along the façade, ensuring a balanced and uniform comfort temperature.

Combined with a heat pump, BORA F provides both powerful heating and efficient cooling at very low noise levels. The units can also be equipped with a ventilation connection, enabling an invisible supply of pre-conditioned fresh air.

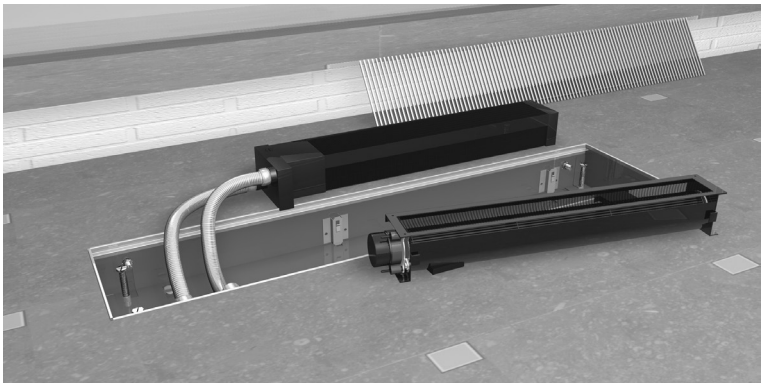
All internal components are coated in dark grey for a discreet appearance, while only the grille remains visible after installation — available in various colours to match any interior.



BORA F.80 front view

FEATURES

- Perfect match with heat pumps for maximum system efficiency
- Ultra-slim floor-mounted design with only 80 mm installation height
- Available in 2-pipe version only
- G1/2" hydraulic connection and electrical connection always 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
- Integrated water temperature sensor and room temperature sensor for optimal comfort
- Steel air filter
- No condensate tray – suitable for heating and non-condensing cooling only
- High-performance aluminium-copper heat exchanger with black coating for invisible integration and dust-repellent surface
- Stainless steel flexible hoses 1/2" 150 mm for complete removal of the internal mechanism, enabling easy cleaning
- Easy height adjustment for perfect alignment with finished floor:
  - *Height-adjustable base with acoustic decoupling: 0 - 45 mm*
  - *Height adjustment screws*
  - *Fine adjustment: 0 - 8 mm*
- Prepared for continuous installation: visually seamless, with each unit having its own connection under the floor
- Durable electro-galvanised steel casing with premium finish: Graphite Grey RAL 7024, soft-touch powder coating
- Aluminium grille: standard in natural anodised aluminium, other powder-coated colours available on request



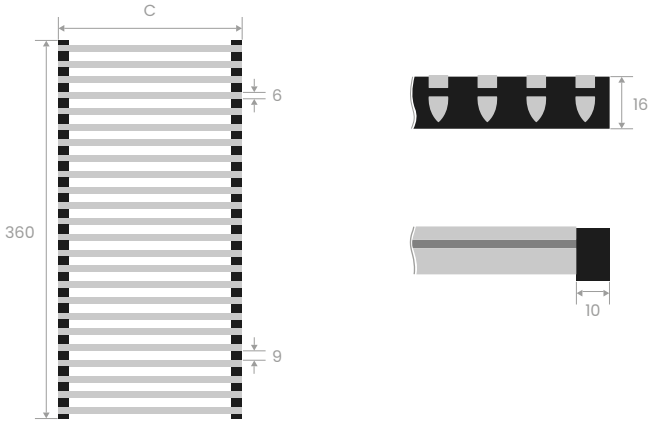
Complete removal of the internal mechanism enabling easy cleaning

ALUMINIUM GRILLES

Aluminium panel grille with aerodynamically shaped transverse profiles and vibration-free EPDM supports (hardness 85).

- Supplied as standard, enabling continuous installation
- Sound-insulating EPDM rubber supports
- Designed for easy maintenance
- Standard in natural anodised aluminium, other powder-coated colours available on request: eco-friendly, scratch-resistant powder coating with high UV resistance

When installed in passageways (e.g. sliding doors), wear and tear on the grille is unavoidable.



Dimensions in mm.

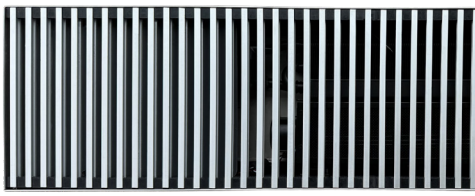


APPLICATIONS

Suitable for projects requiring an ultra-slim floor-mounted unit for heating and non-condensing cooling, with minimal installation depth.

- Residential spaces (living rooms, apartments, penthouses)
- Offices and meeting rooms (small to medium workspaces)
- Renovation projects (where installation height is limited)

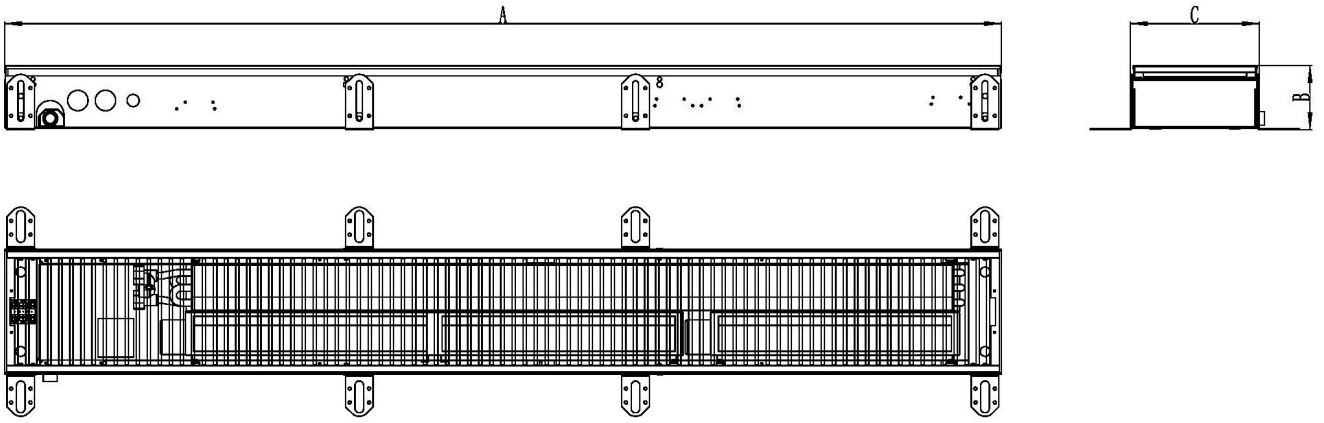




PERFORMANCE OVERVIEW

- Heating capacity (35/30/20 °C): 82 - 1150 W
- Non-condensing cooling capacity (16/18/27 °C, RH 50 %): 79 - 965 W
- Sound pressure level: 14.5 - 41.0 dB(A)

DIMENSIONS *(in mm)*



MODEL	A	B	C
BORA F.80.720.180.AG	720	80	180
BORA F.80.1080.180.AG	1080	80	180
BORA F.80.1440.180.AG	1440	80	180
BORA F.80.1800.180.AG	1800	80	180

TECHNICAL DATA

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 %	POWER CONSUMPTION	AIRFLOW RATE	SOUND PRESSURE LEVEL**	WEIGHT
-	V	W	W	W	W	W	W	m³/h	dB(A)	kg
BORA F.80.720.180.AG	3	82	172	209	390	79	0.6	30	14.5	7.6
	7	159	347	412	789	188	1.7	60	25.5	
	10	205	457	536	1040	243	2.9	79	34.0	
BORA F.80.1080.180.AG	3	179	344	440	769	145	0.9	60	17.0	10.0
	7	338	658	837	1475	346	3.5	111	30.5	
	10	492	965	1222	2165	495	7.0	160	37.0	
BORA F.80.1440.180.AG	3	295	548	718	1223	188	1.5	90	18.0	12.5
	7	581	1084	1415	2419	486	5.1	171	32.5	
	10	823	1543	2009	3444	719	9.9	239	39.0	
BORA F.80.1800.180.AG	3	407	745	984	1657	247	1.8	120	20.0	15.0
	7	779	1429	1884	3180	623	7.0	221	34.5	
	10	1150	2114	2786	4707	965	13.8	320	41.0	

** 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!
Installation and usage are explained by one of our technical advisors.
Contact us to request access and support.

MIGLIO SELECTION SOFTWARE

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V.2.0 | 02.2026
Since product development is a continuous process, specifications are subject to change without prior notice.