



Characteristics

The INVISAIR BB air curtain is designed to be installed completely invisibly in false ceilings, columns, or casings around the door, making it entirely discreet. It is the ideal solution for entrances that, for architectural reasons, require an air curtain fully integrated into the building's interior design.

The BB model has been designed with the latest generation of EC motors, featuring high-efficiency fans, very low electrical consumption, and low noise levels.

The fan power is similar to that of an industrial air curtain, but the electrical consumption is lower, making it ideal for taller doors or more complex environmental conditions.



- Specially designed for applications where the body of the air curtain is to be installed inside a column or bulkhead for architectural reasons. It can be vertically or horizontally mounted.
- Self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours or stainless steel are available on request.
- The air flow of Invisair follows a straight line from the air inlet grille to the to the discharge. Inlet area inside a bulkhead or column should be designed with suitable grille provided by others.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficiency fans.
- “P” type with water heated coil. “E” type with electrical shielded elements, three stages with integrated regulation. “A” type without heating, air only. Optional expansion DX coil.
- Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 7m RJ11 cable and remote control. Optional: intelligent Clever Pro Control (automatic, programmable, ModBus for PKC, timer, etc.)

Specifications

50Hz

Unheated				
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Nominal Airflow 208V (m³/h)	
IBB 1000 A	4020	5-7	-	
IBB 1500 A	5360	5-7	-	
IBB 2000 A	8040	5-7	-	
IBB 2500 A	9380	5-7	-	
IBB 3000 A	10720	5-7	-	
ISB 1000 A	3060	3,5-5	0	
ISB 1500 A	4080	3,5-5	0	
ISB 2000 A	6120	3,5-5	0	
ISB 2500 A	7140	3,5-5	0	
ISB 3000 A	8160	3,5-5	0	

Electrical Heating				
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)	Nominal Airflow 208V (m³/h)
IBB 1000 E	4020	6/15/21	5-7	-
IBB 1500 E	5360	8/19/27	5-7	-
IBB 2000 E	8040	12/30/42	5-7	-
IBB 2500 E	9380	16/30/46	5-7	-
IBB 3000 E	10720	20/30/50	5-7	-



Electrical Heating				
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)	Nominal Airflow 208V (m³/h)
ISB 1000 E	3060	5/10/15	3,5-5	0
ISB 1500 E	4080	7,5/15/22,5	3,5-5	0
ISB 2000 E	6120	10/20/30	3,5-5	0
ISB 2500 E	7140	12/22/34	3,5-5	0
ISB 3000 E	8160	16/26/42	3,5-5	0

Water Heating						
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW) (kW)	Heating Capacity 60/40°C (kW) (kW)	Heating Capacity 50/40°C (kW)	Nominal Airflow 208V (m³/h)
IBB 1000 P86	3750	5-7	18.21	-	-	-
IBB 1500 P86	5000	5-7	23.52	-	-	-
IBB 2000 P86	7500	5-7	36.57	-	-	-
IBB 2500 P86	8750	5-7	45.78	-	-	-
IBB 3000 P86	10000	5-7	55.04	-	-	-
ISB 1000 P86	2910	3,5-5	15.58	-	-	0
ISB 1500 P86	3880	3,5-5	19.71	-	-	0
ISB 2000 P86	5820	3,5-5	31	-	-	0
ISB 2500 P86	6790	3,5-5	38.97	-	-	0
ISB 3000 P86	7760	3,5-5	46.96	-	-	0
IBB 1000 P64	3750	5-7	-	15.16	-	-
IBB 1500 P64	5000	5-7	-	21.87	-	-
IBB 2000 P64	7500	5-7	-	31.13	-	-
IBB 2500 P64	8750	5-7	-	38.96	-	-
IBB 3000 P64	10000	5-7	-	45.49	-	-
ISB 1000 P64	2910	3,5-5	-	12.44	-	0
ISB 1500 P64	3880	3,5-5	-	18.55	-	0
ISB 2000 P64	5820	3,5-5	-	22.84	-	0
ISB 2500 P64	6790	3,5-5	-	31.79	-	0
ISB 3000 P64	7760	3,5-5	-	38.31	-	0
IBB 1000 P54	3750	5-7	-	-	16.48	-
IBB 1500 P54	5000	5-7	-	-	24.15	-
IBB 2000 P54	7500	5-7	-	-	35.04	-
IBB 2500 P54	8750	5-7	-	-	42.12	-
IBB 3000 P54	10000	5-7	-	-	49.27	-
ISB 1000 P54	2910	3,5-5	-	-	14.47	0
ISB 1500 P54	3880	3,5-5	-	-	21.19	0
ISB 2000 P54	5820	3,5-5	-	-	30.77	0
ISB 2500 P54	6790	3,5-5	-	-	36.94	0
ISB 3000 P54	7760	3,5-5	-	-	42.6	0

60Hz

Unheated			
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Nominal Airflow 208V (m³/h)
IBB 1000 A	4020	5-7	-
IBB 1500 A	5360	5-7	-



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IBB 2000 A	8040	5-7	-
IBB 2500 A	9380	5-7	-
IBB 3000 A	10720	5-7	-
ISB 1000 A	3060	3,5-5	0
ISB 1500 A	4080	3,5-5	0
ISB 2000 A	6120	3,5-5	0
ISB 2500 A	7140	3,5-5	0
ISB 3000 A	8160	3,5-5	0

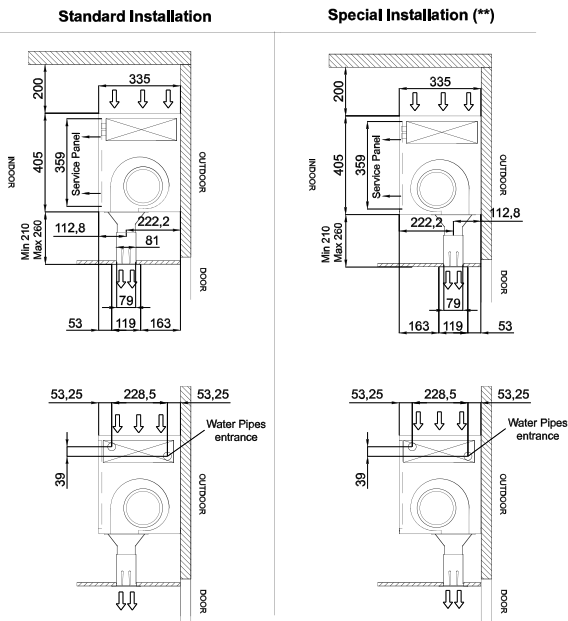
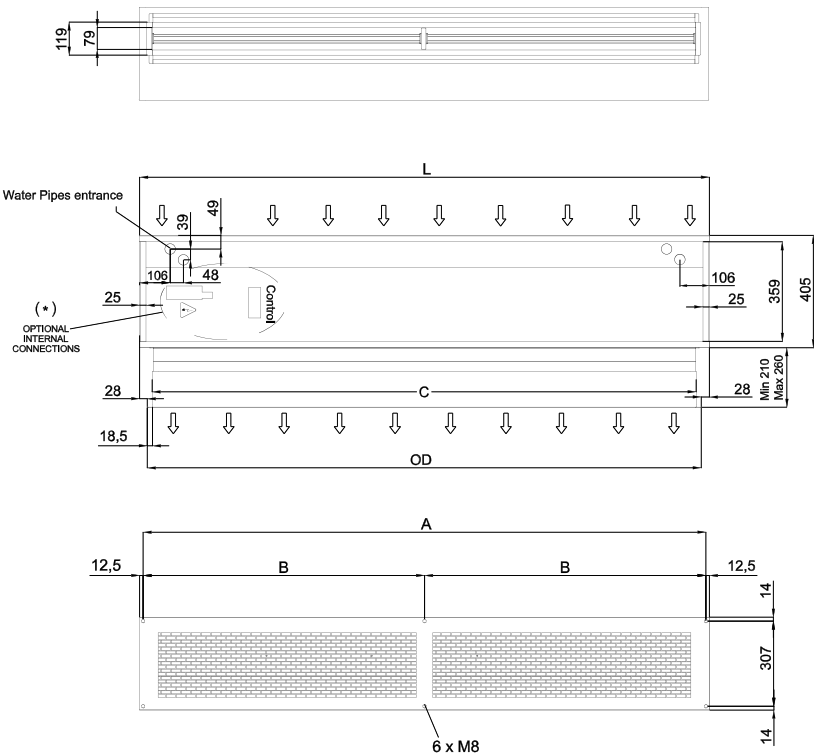
Electrical Heating				
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IBB 1000 E	4020	6/15/21	5-7	-
IBB 1500 E	5360	8/19/27	5-7	-
IBB 2000 E	8040	12/30/42	5-7	-
IBB 2500 E	9380	16/30/46	5-7	-
IBB 3000 E	10720	20/30/50	5-7	-
ISB 1000 E	3060	5/10/15	3,5-5	0
ISB 1500 E	4080	7,5/15/22,5	3,5-5	0
ISB 2000 E	6120	10/20/30	3,5-5	0
ISB 2500 E	7140	12/22/34	3,5-5	0
ISB 3000 E	8160	16/26/42	3,5-5	0

Water Heating						
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW) (kW)	Heating Capacity 60/40°C (kW) (kW)	Heating Capacity 50/40°C (kW)	Nominal Airflow 208V (m³/h)
IBB 1000 P86	3750	5-7	18.21	-	-	-
IBB 1500 P86	5000	5-7	23.52	-	-	-
IBB 2000 P86	7500	5-7	36.57	-	-	-
IBB 2500 P86	8750	5-7	45.78	-	-	-
IBB 3000 P86	10000	5-7	55.04	-	-	-
ISB 1000 P86	2910	3,5-5	15.58	-	-	0
ISB 1500 P86	3880	3,5-5	19.71	-	-	0
ISB 2000 P86	5820	3,5-5	31	-	-	0
ISB 2500 P86	6790	3,5-5	38.97	-	-	0
ISB 3000 P86	7760	3,5-5	46.96	-	-	0
IBB 1000 P64	3750	5-7	-	15.16	-	-
IBB 1500 P64	5000	5-7	-	21.87	-	-
IBB 2000 P64	7500	5-7	-	31.13	-	-
IBB 2500 P64	8750	5-7	-	38.96	-	-
IBB 3000 P64	10000	5-7	-	45.49	-	-
ISB 1000 P64	2910	3,5-5	-	12.44	-	0
ISB 1500 P64	3880	3,5-5	-	18.55	-	0
ISB 2000 P64	5820	3,5-5	-	22.84	-	0
ISB 2500 P64	6790	3,5-5	-	31.79	-	0
ISB 3000 P64	7760	3,5-5	-	38.31	-	0
IBB 1000 P54	3750	5-7	-	-	16.48	-



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IBB 2000 P54	7500	5-7	-	-	35.04	-
IBB 2500 P54	8750	5-7	-	-	42.12	-
IBB 3000 P54	10000	5-7	-	-	49.27	-
ISB 1000 P54	2910	3,5-5	-	-	14.47	0
ISB 1500 P54	3880	3,5-5	-	-	21.19	0
ISB 2000 P54	5820	3,5-5	-	-	30.77	0
ISB 2500 P54	6790	3,5-5	-	-	36.94	0
ISB 3000 P54	7760	3,5-5	-	-	42.6	0

Dimensions



Invisair	L	A	B	C	OD
1000	1050	1025	-	961	998
1500	1550	1525	762,5	1461	1498
2000	2055	2030	1015	1961	1998
2500	2555	2530	1265	2461	2498
3000	3000	2975	1487,5	2961	2998