



Characteristics

Decorative, minimalist and elegant, ZEN BB air curtain is the favourite of architects and designers to include in their building projects. The BB version of the ZEN air curtain has been designed with the latest generation of EC fans and provides a power and performance equivalent to an industrial air curtain. Its smart design and high performance is perfect to blend with any building’s internal or external aesthetics being also an active part of decoration or premises environment. ZEN BB air curtain offers infinite possibilities of customization, how far does your imagination go?



- Decorative air curtain in contemporary architectural style. Its minimalist and smart design integrates in any environment and offers infinite options to customize.
- The panels can include logos, lighting, signage, safety or information signs, graphics, pictures, clocks, all according to customer specifications.
- Front anodized aluminium panels. Optionally manufactured in brushed or mirror polished stainless steel. Other materials are possible, such as galvanized steel, smooth or textured skinplate, wood, etc.
- Central structure made of galvanized steel finished in black forge as standard. Other colours are available on request.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable in both directions.
- 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)	
ZEN BB 1000 A	4020	4-7	
ZEN BB 1500 A	5360	4-7	
ZEN BB 2000 A	8040	4-7	
ZEN BB 2500 A	9380	4-7	
ZEN SB 1000 A	3060	3,5-5	
ZEN SB 1500 A	4080	3,5-5	
ZEN SB 2000 A	6120	3,5-5	
ZEN SB 2500 A	7140	3,5-5	

Electrical Heating			
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
ZEN BB 1000 E	4020	6/15/21	4-7
ZEN BB 1500 E	5360	8/19/27	4-7
ZEN BB 2000 E	8040	12/30/42	4-7
ZEN BB 2500 E	9380	16/30/46	4-7
ZEN SB 1000 E	3060	5/10/15	3,5-5
ZEN SB 1500 E	4080	7,5/15/22,5	3,5-5
ZEN SB 2000 E	6120	10/20/30	3,5-5
ZEN SB 2500 E	7140	12/22/34	3,5-5

Water Heating			
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Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW)	Heating Capacity 60/40°C (kW)	Heating Capacity 50/40°C (kW)
ZEN BB 1000 P86	3750	4-7	18,21	-	-
ZEN BB 1500 P86	5000	4-7	26,46	-	-
ZEN BB 2000 P86	7500	4-7	38,44	-	-
ZEN BB 2500 P86	8750	4-7	46,38	-	-
ZEN SB 1000 P86	2910	3,5-5	15.58	-	-
ZEN SB 1500 P86	3880	3,5-5	19.71	-	-
ZEN SB 2000 P86	5820	3,5-5	31	-	-
ZEN SB 2500 P86	6790	3,5-5	38.97	-	-
ZEN BB 1000 P64	3750	4-7	-	15,16	-
ZEN BB 1500 P64	5000	4-7	-	21,87	-
ZEN BB 2000 P64	7500	4-7	-	31,13	-
ZEN BB 2500 P64	8750	4-7	-	38,96	-
ZEN SB 1000 P64	2910	3,5-5	-	12.44	-
ZEN SB 1500 P64	3880	3,5-5	-	18.55	-
ZEN SB 2000 P64	5820	3,5-5	-	22.84	-
ZEN SB 2500 P64	6790	3,5-5	-	31.79	-
ZEN BB 1000 P54	3750	4-7	-	-	16,48
ZEN BB 1500 P54	5000	4-7	-	-	24,15
ZEN BB 2000 P54	7500	4-7	-	-	35,04
ZEN BB 2500 P54	8750	4-7	-	-	42,12
ZEN SB 1000 P54	2910	3,5-5	-	-	14.47
ZEN SB 1500 P54	3880	3,5-5	-	-	21.19
ZEN SB 2000 P54	5820	3,5-5	-	-	30.77
ZEN SB 2500 P54	6790	3,5-5	-	-	36.94

60Hz

Unheated		
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)
ZEN BB 1000 A	4020	4-7
ZEN BB 1500 A	5360	4-7
ZEN BB 2000 A	8040	4-7
ZEN BB 2500 A	9380	4-7
ZEN SB 1000 A	3060	3,5-5
ZEN SB 1500 A	4080	3,5-5
ZEN SB 2000 A	6120	3,5-5
ZEN SB 2500 A	7140	3,5-5

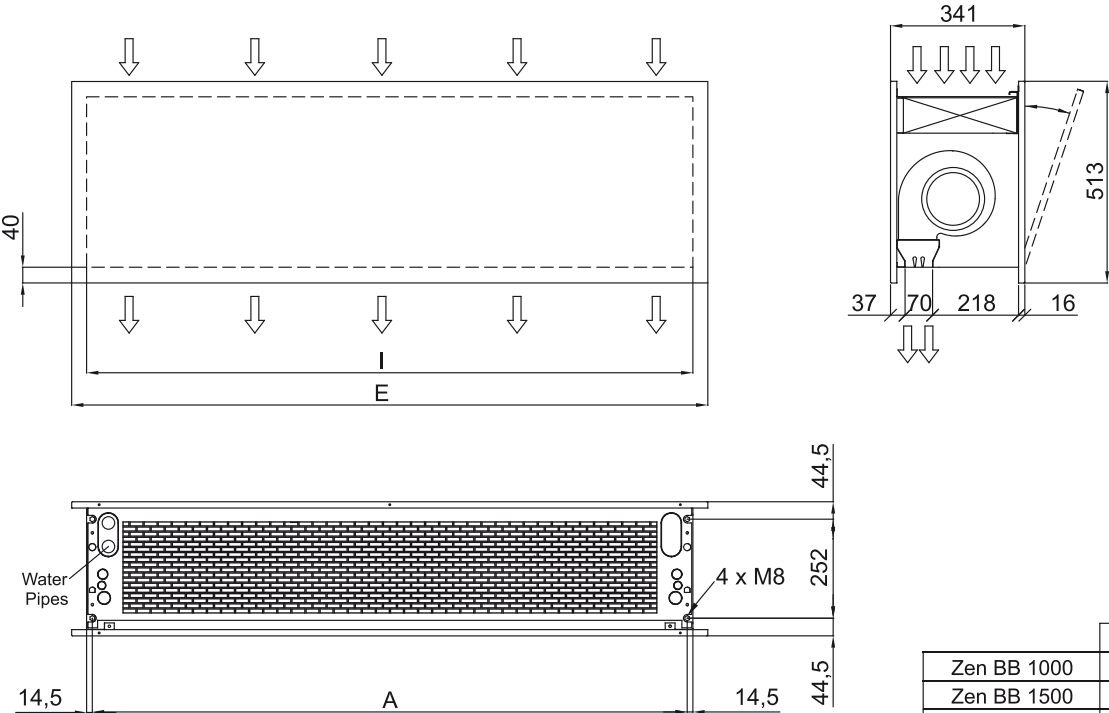
Electrical Heating			
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
ZEN BB 1000 E	4020	6/15/21	4-7
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ZEN BB 2000 E	8040	12/30/42	4-7
ZEN BB 2500 E	9380	16/30/46	4-7
ZEN SB 1000 E	3060	5/10/15	3,5-5
ZEN SB 1500 E	4080	7,5/15/22,5	3,5-5
ZEN SB 2000 E	6120	10/20/30	3,5-5
ZEN SB 2500 E	7140	12/22/34	3,5-5



Model	Water Heating				
	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)
ZEN BB 1000 P86	3750	4-7	18,21	-	-
ZEN BB 1500 P86	5000	4-7	26,46	-	-
ZEN BB 2000 P86	7500	4-7	38,44	-	-
ZEN BB 2500 P86	8750	4-7	46,38	-	-
ZEN SB 1000 P86	2910	3,5-5	15.58	-	-
ZEN SB 1500 P86	3880	3,5-5	19.71	-	-
ZEN SB 2000 P86	5820	3,5-5	31	-	-
ZEN SB 2500 P86	6790	3,5-5	38.97	-	-
ZEN BB 1000 P64	3750	4-7	-	15,16	-
ZEN BB 1500 P64	5000	4-7	-	21,87	-
ZEN BB 2000 P64	7500	4-7	-	31,13	-
ZEN BB 2500 P64	8750	4-7	-	38,96	-
ZEN SB 1000 P64	2910	3,5-5	-	12.44	-
ZEN SB 1500 P64	3880	3,5-5	-	18.55	-
ZEN SB 2000 P64	5820	3,5-5	-	22.84	-
ZEN SB 2500 P64	6790	3,5-5	-	31.79	-
ZEN BB 1000 P54	3750	4-7	-	-	16,48
ZEN BB 1500 P54	5000	4-7	-	-	24,15
ZEN BB 2000 P54	7500	4-7	-	-	35,04
ZEN BB 2500 P54	8750	4-7	-	-	42,12
ZEN SB 1000 P54	2910	3,5-5	-	-	14.47
ZEN SB 1500 P54	3880	3,5-5	-	-	21.19
ZEN SB 2000 P54	5820	3,5-5	-	-	30.77
ZEN SB 2500 P54	6790	3,5-5	-	-	36.94



Dimensions



	L	I	A
Zen BB 1000	1220	1140	1115
Zen BB 1500	1620	1544	1515
Zen BB 2000	2120	2044	2015
Zen BB 2500	2620	2544	2515