



### Technical Features



RAL 9016  
standard



Other colors  
on request



Maximum range  
**SB : 5 m BB : 7 m**



Heating types  
**E : electrical 3 stages**  
**P : water**  
**A : unheated**  
**DX : heat pump [\*]**



Casing [\*\*]  
**Galvanised Steel**



Airflow / Length  
**2910 - 10720 m³/h**  
**1 m to 3 m**



Heating capacity  
**E : 5 - 50 kW**  
**P : 12,4 - 55,0 kW**



Grille type  
**Rectangular perforated**



Fans  
**Centrifugal**  
**5-speed**



Control  
**Plug&Play Advanced PRO**  
**+ IR remote control**  
**(Optional Clever Control)**



Outlet lamellas  
**Aluminium, airfoil type**  
**Adjustable 0-15° each side**

[\*] Consult separate DX catalogs

[\*\*] Customizable dimensions on request

INVISAIR SB-BB air curtain is designed to be installed invisibly in false ceilings and columns or drawers around the door. It is an ideal solution for those entrances that for architectural reasons require an air curtain installation that is fully integrated into the interior design of the building. BB model has been designed with the latest generation of EC efficiency fans and provides a power and performance equivalent to an industrial air curtain, with very low consumption and low noise level.

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 PLC, timer, etc).

#### ❄ UNHEATED

| Model      | Airflow<br>m³/h | Ventilation<br>power<br>230V~50Hz<br>kW | Ventilation<br>current<br>230V~50Hz<br>A | Noise<br>level<br>(5 m)<br>dB(A) | Weight<br>kg |
|------------|-----------------|-----------------------------------------|------------------------------------------|----------------------------------|--------------|
| ISB 1000 A | 3060            | 0,523                                   | 3,8                                      | 62                               | 44           |
| ISB 1500 A | 4080            | 0,697                                   | 5,07                                     | 63                               | 64           |
| ISB 2000 A | 6120            | 1,046                                   | 7,61                                     | 64                               | 85           |
| ISB 2500 A | 7140            | 1,22                                    | 8,87                                     | 65                               | 93           |
| ISB 3000 A | 8160            | 1,395                                   | 10,14                                    | 66                               | 112          |
| IBB 1000 A | 4020            | 0,873                                   | 3,87                                     | 66                               | 46           |
| IBB 1500 A | 5360            | 1,164                                   | 5,16                                     | 67                               | 66           |
| IBB 2000 A | 8040            | 1,746                                   | 7,74                                     | 68                               | 88           |
| IBB 2500 A | 9380            | 2,037                                   | 9,03                                     | 69                               | 97           |
| IBB 3000 A | 10720           | 2,328                                   | 10,32                                    | 70                               | 116          |



### ELECTRIC HEATED

| Model      | Airflow<br>m³/h | Electrical heating capacity<br>400Vx3~50Hz (*)<br>kW | Ventilation power<br>230V~50Hz<br>kW | Ventilation current<br>230V~50Hz<br>A | Noise level<br>(5 m)<br>dB(A) | Weight<br>kg |
|------------|-----------------|------------------------------------------------------|--------------------------------------|---------------------------------------|-------------------------------|--------------|
| ISB 1000 E | 3060            | 5/10/15                                              | 0,523                                | 3,8                                   | 62                            | 56           |
| ISB 1500 E | 4080            | 7,5/15/22,5                                          | 0,697                                | 5,07                                  | 63                            | 81           |
| ISB 2000 E | 6120            | 10/20/30                                             | 1,046                                | 7,61                                  | 64                            | 109          |
| ISB 2500 E | 7140            | 12/22/34 (**)                                        | 1,22                                 | 8,87                                  | 65                            | 121          |
| ISB 3000 E | 8160            | 16/26/42 (**)                                        | 1,395                                | 10,14                                 | 66                            | 144          |
| IBB 1000 E | 4020            | 6/15/21                                              | 0,873                                | 3,87                                  | 66                            | 58           |
| IBB 1500 E | 5360            | 8/19/27                                              | 1,164                                | 5,16                                  | 67                            | 83           |
| IBB 2000 E | 8040            | 12/30/42 (**)                                        | 1,746                                | 7,74                                  | 68                            | 112          |
| IBB 2500 E | 9380            | 16/30/46 (**)                                        | 2,037                                | 9,03                                  | 69                            | 125          |
| IBB 3000 E | 10720           | 20/30/50 (**)                                        | 2,328                                | 10,32                                 | 70                            | 148          |

(\*) Under request other electrical heating power can be limited.

(\*\*) 2 separated power supplies.

### WATER HEATED

| Model      | Airflow<br>m³/h | P86 (80/60°C)                |                           | P64 (60/40°C)                |                           | P54 (50/40°C)                |                           | Ventilation power<br>230V~50Hz<br>kW | Ventilation current<br>230V~50Hz<br>A | Noise level<br>(5 m)<br>dB(A) | Weight<br>kg |
|------------|-----------------|------------------------------|---------------------------|------------------------------|---------------------------|------------------------------|---------------------------|--------------------------------------|---------------------------------------|-------------------------------|--------------|
|            |                 | Water heating capacity<br>kW | Water pressure drop<br>Pa | Water heating capacity<br>kW | Water pressure drop<br>Pa | Water heating capacity<br>kW | Water pressure drop<br>Pa |                                      |                                       |                               |              |
| ISB 1000 P | 2910            | 15,58                        | 8280                      | 12,44                        | 8640                      | 14,47                        | 9820                      | 0,523                                | 3,8                                   | 62                            | 54           |
| ISB 1500 P | 3880            | 19,71                        | 630                       | 18,55                        | 5840                      | 21,19                        | 12380                     | 0,697                                | 5,07                                  | 63                            | 78           |
| ISB 2000 P | 5820            | 31                           | 1860                      | 22,84                        | 3860                      | 30,77                        | 10270                     | 1,046                                | 7,61                                  | 64                            | 99           |
| ISB 2500 P | 6790            | 38,97                        | 3440                      | 31,79                        | 7160                      | 36,94                        | 9570                      | 1,22                                 | 8,87                                  | 65                            | 115          |
| ISB 3000 P | 7760            | 46,94                        | 5710                      | 38,31                        | 5970                      | 42,6                         | 6520                      | 1,395                                | 10,14                                 | 66                            | 139          |
| IBB 1000 P | 3750            | 18,21                        | 15190                     | 15,16                        | 16190                     | 16,48                        | 12180                     | 0,873                                | 3,87                                  | 65                            | 56           |
| IBB 1500 P | 5000            | 23,52                        | 1200                      | 21,87                        | 10990                     | 24,15                        | 15260                     | 1,164                                | 5,16                                  | 66                            | 80           |
| IBB 2000 P | 7500            | 36,57                        | 3470                      | 31,13                        | 7350                      | 35,04                        | 12680                     | 1,746                                | 7,74                                  | 67                            | 102          |
| IBB 2500 P | 8750            | 45,78                        | 6370                      | 38,96                        | 13420                     | 42,12                        | 11880                     | 2,037                                | 9,03                                  | 68                            | 119          |
| IBB 3000 P | 10000           | 55,04                        | 10570                     | 45,49                        | 11230                     | 49,27                        | 10920                     | 2,328                                | 10,32                                 | 69                            | 143          |

Water heated:

P86, P64 2x1", P54 1000-2000 2x1" and 2500-3000 2x1 ¼".

Connection pipes P86, P64 and P54 are male.

P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

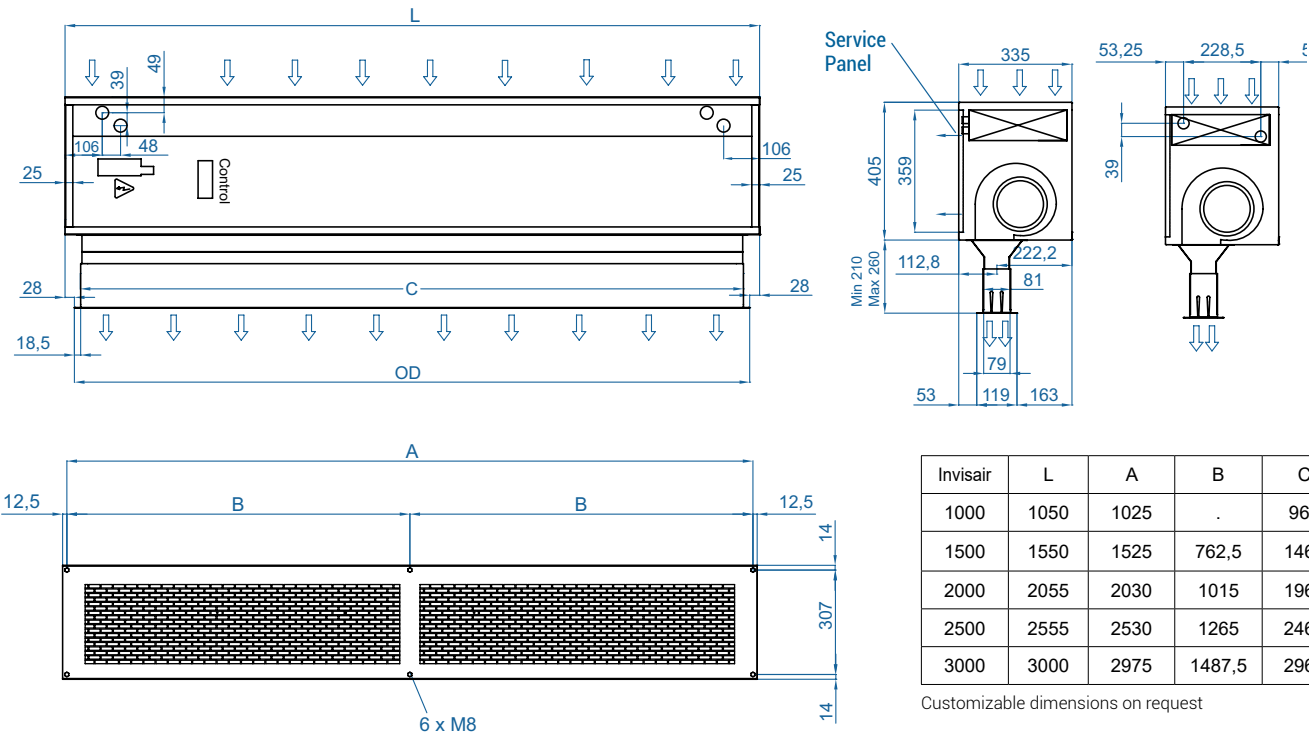


Selection page

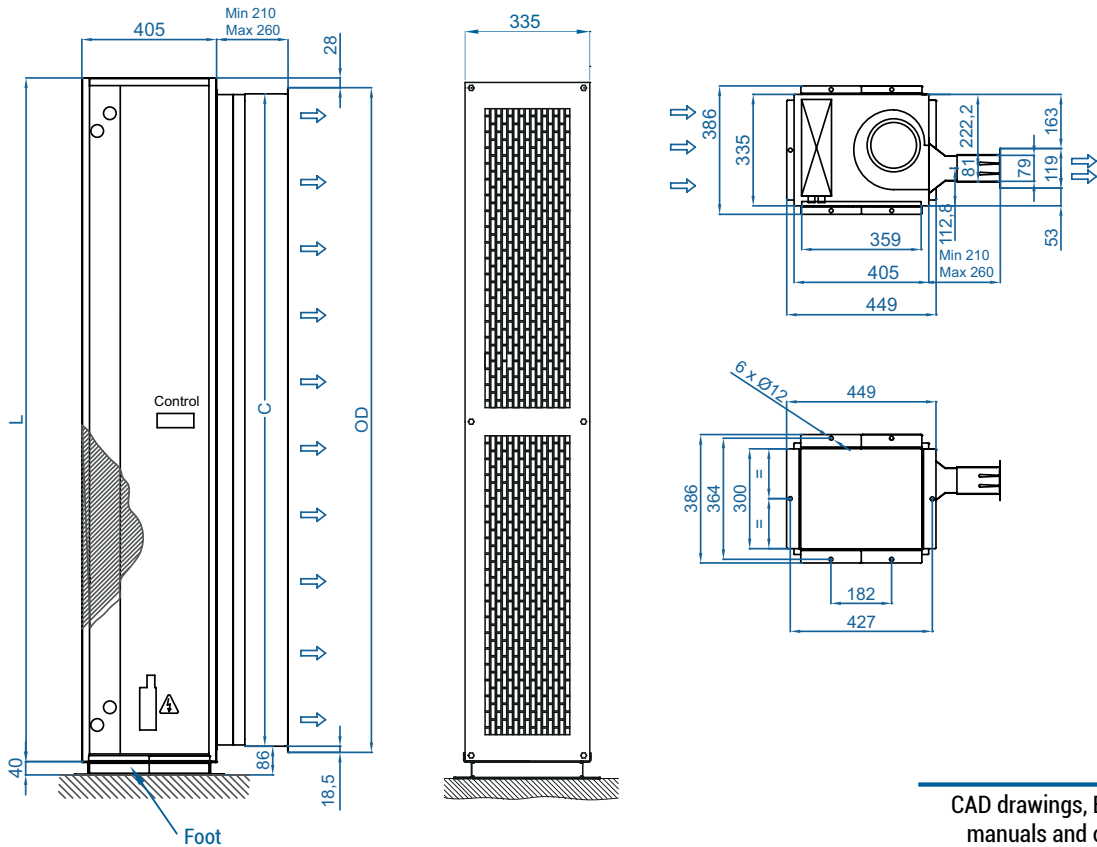


Dimensions

Horizontal installation



Vertical installation



CAD drawings, BIM files, installation  
manuals and other documentation



## Installation configurations



## Optional accessories

### Supports and installation



Wall rail supports  
SPWR



Silentblock supports  
SPANG-SIL / SLB



Suspension cables  
SPCT



Wall angle support  
Invisair BB



Flat inlet grille



Foot support  
SPF-INVISAIR BB  
(Galv.)



Joining kit  
SPJ-INVISAIR BB  
(Galv.)

### Control



ADVANCED PRO  
✓ Included



IR Control  
✓ Included



RJ11 Cable  
✓ Included



CLEVER PRO

### Filters



Removable  
prefilter G2

### Sensors and valves



Magnetic  
door contact MAG-DC  
✓ Included



Mechanical  
door contact MEC-DC



External Temperature  
Sensor



Solenoid valve  
V-S



Valve 3 ways  
V-T



Proportional valve  
V-ACT



Anti-freezing sensor  
AFS-INS