



Technical Features



Range
Up to 4.2 m



Heating types
E : electrical 3 stages
P : water
A : unheated



Casing
Galvanised Steel [*]



Airflow / Length
2700 - 5930 m³/h
1.5 m to 2.5 m



Heating capacity
E : 3.5 - 30.5 kW
P : 13.08 - 33.64 kW



Grille type
Micro-perforated
with prefilter function



Fans
Centrifugal
5-speed



Control
A, E : Plug&Play Advanced PRO
P : Plug&Play manual regulator
+ IR remote control



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

RAL 9016
standard



Other colors
on request



Stainless
steel



[*] Customizable dimensions on request

INVISAIR 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. Casing painted in RAL 9016. Other colors are available on request.

It can be vertically or horizontally mounted. 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.

This air curtain model works with double-inlet centrifugal fans driven by an external rotor motor with low noise level. EC models assembled with very low consumption efficiency fans.

"A", "E" type includes Advanced PRO control with LCD display and integrated thermostat, door contact, 23ft / 7m RJ45 cable and remote control.

"P" type includes Plug&Play control with 7 m RJ45 cable, infrared remote control and magnetic door contact. For electrical heated models also thermostat.

CSA certified:



✱ UNHEATED 208V-1ph~60Hz

Model	Airflow m ³ /h	Ventilation power 208V-1ph~60Hz kW	Ventilation current 208V-1ph~60Hz A	Outlet Uniformity %	Outlet maximum velocity m/s	Outlet average velocity m/s	Noise level (5 m) dB(A)	Weight kg
IG 1500 A	2800	0.476	2.27	-	-	-	57	60
IG 2000 A	4200	0.714	3.41	-	-	-	58	78
IG 2500 A	4900	0.833	3.97	-	-	-	59	83
IECG 1500 A	3195	0.494	3.78	-	-	-	61	60
IECG 2000 A	4760	0.748	5.68	-	-	-	62	78
IECG 2500 A	5575	0.868	6.62	-	-	-	63	83



✿ UNHEATED 240V-1ph~60Hz

Model	Airflow m³/h	Ventilation power 240V-1ph~60Hz kW	Ventilation current 240V-1ph~60Hz A	Outlet Uniformity %	Outlet maximum velocity m/s	Outlet average velocity m/s	Noise level (5 m) dB(A)	Weight kg
IG 1500 A	2980	0.585	2.40	-	-	-	58	73
IG 2000 A	4470	0.878	3.60	-	-	-	59	96
IG 2500 A	5215	1.024	4.20	-	-	-	60	103
IECG 1500 A	3400	0.607	4.00	-	-	-	62	73
IECG 2000 A	5060	0.920	6.00	-	-	-	63	96
IECG 2500 A	5930	1.067	7.00	-	-	-	64	103

⚡ ELECTRIC HEATED 208V-1ph~60Hz

Model	Airflow m³/h	Electrical heating capacity (²) 208V-3ph~60Hz kW	Electrical heating capacity (²) 460V-3ph~60Hz kW	Electrical heating capacity (²) 480V-3ph~60Hz kW	Electrical heating capacity (²) 575V-3ph~60Hz kW	Ventilation power 208V-1ph ~60Hz kW	Ventilation current 208V-1ph ~60Hz A	Noise level (5 m) dB(A)	Weight kg
IG 1500 E	2760	3.5/6.5/10	3.5/7/10.5	4/7.5/11.5	5/5.5/10.5	0.476	2.27	57	73
IG 2000 E	4140	5/9/14	5/10.5/15.5	5.5/11/16.5	6.5/8/14.5	0.714	3.41	58	96
IG 2500 E	4830	5.5/9/14.5	6/12/18	6.5/13/19.5	8/9.5/17.5	0.833	3.97	59	103
IECG 1500 E	3140	6/9.5/15.5	5.5/10.5/16	5.8/11.7/17.5	5.5/11/16.5	0.494	3.784	61	73
IECG 2000 E	4680	5/9/14	8/16.5/24.5	8.8/17.7/26.5	8/16/24	0.748	5.676	62	96
IECG 2500 E	5480	5.5/9/14.5	9.5/18.5/28	10.2/20.3/30.5	9.5/19/28.5	0.868	6.622	63	103

For 208V~3ph~60Hz air Curtains there is only needed to connect three-phase power supply.

For the rest of air curtains, there is needed to connect both three-phase (for electrical heating) and single phase (for fans).

⚡ ELECTRIC HEATED 240V-1ph~60Hz

Model	Airflow m³/h	Electrical heating capacity (²) 208V-3ph~60Hz kW	Electrical heating capacity (²) 460V-3ph~60Hz kW	Electrical heating capacity (²) 480V-3ph~60Hz kW	Electrical heating capacity (²) 575V-3ph~60Hz kW	Ventilation power 240V-1ph ~60Hz kW	Ventilation current 240V-1ph ~60Hz A	Noise level (5 m) dB(A)	Weight kg
IG 1500 E	2940	6/9.5/15.5	5.3/10.7/16	5.8/11.7/17.5	5.5/11/16.5	0.585	2.40	58	73
IG 2000 E	4410	5/9/14	8.2/16.3/24.5	8.8/17.7/26.5	8/16/24	0.878	3.60	59	96
IG 2500 E	5145	5.5/9/14.5	9.3/18.7/28	10.2/20.3/30.5	9.5/19/28.5	1.024	4.20	60	103
IECG 1500 E	3340	6/9.5/15.5	5.3/10.7/16	5.8/11.7/17.5	5.5/11/16.5	0.508	3.92	62	73
IECG 2000 E	4980	5/9/14	8.2/16.3/24.5	8.8/17.7/26.5	8/16/24	0.762	5.88	63	96
IECG 2500 E	5830	5.5/9/14.5	9.3/18.7/28	10..2/20.3/30.5	9.5/19/28.5	0.889	6.86	64	103

(²) Under request other electrical heating power can be limited.



WATER HEATED 208V-1ph~60Hz ⁽³⁾

Model	Airflow m3/h	P86 (80/60°C)		P64 (60/40°C)		P54 (50/40°C)		Ventilation power 208V-1ph ~60Hz	Ventilation current 208V-1ph ~60Hz	Noise level (5 m)	Weight kg
		Water heating capacity kW	Water pressure drop Pa	Water heating capacity kW	Water pressure drop Pa	Water heating capacity kW	Water pressure drop Pa	kW	A	dB(A)	
IG 1500 P	2700	15.15	850	13.89	7220	14.63	5060	0.476	2.27	57	69
IG 2000 P	4050	23.57	2440	20.02	6140	20.69	2700	0.714	3.41	58	89
IG 2500 P	4725	29.46	4470	23.88	4560	25.70	4860	0.833	3.97	59	94
IECG 1500 P	3080	16.47	990	15.17	8440	16.10	6000	0.494	3.78	61	69
IECG 2000 P	4580	25.61	2830	21.84	7170	22.76	3200	0.748	5.68	62	89
IECG 2500 P	5370	32.04	5180	26.10	5330	28.29	5770	0.868	6.62	63	94

Water heated: connection pipes P86 and P64 are 2x G(BSPP) 3/4" female (male if lateral pipes), P54 2x G(BSPP) 1" male.
P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

WATER HEATED 240V-1ph~60Hz ⁽³⁾

Model	Airflow m3/h	P86 (80/60°C)		P64 (60/40°C)		P54 (50/40°C)		Ventilation power 240V-1ph ~60Hz	Ventilation current 240V-1ph ~60Hz	Noise level (5 m)	Weight kg
		Water heating capacity kW	Water pressure drop Pa	Water heating capacity kW	Water pressure drop Pa	Water heating capacity kW	Water pressure drop Pa	kW	A	dB(A)	
IG 1500 P	2860	15.76	910	14.48	7770	15.30	5490	0.585	2.40	58	69
IG 2000 P	4290	24.51	2620	20.86	6600	21.64	2930	0.878	3.60	59	89
IG 2500 P	5005	30.64	4790	24.90	4910	26.88	5270	1.024	4.20	60	94
IECG 1500 P	3280	17.09	1050	15.78	9050	16.80	6480	0.607	4.00	62	69
IECG 2000 P	4880	26.54	3020	22.70	7670	23.71	3450	0.920	6.00	63	89
IECG 2500 P	5720	32.25	5530	27.14	5720	29.51	6220	1.067	7.00	64	94

Water heated: connection pipes P86 and P64 are 2x G(BSPP) 3/4" female (male if lateral pipes), P54 2x G(BSPP) 1" male.
P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

⁽³⁾ Air curtain with CSA components, but without being certified.

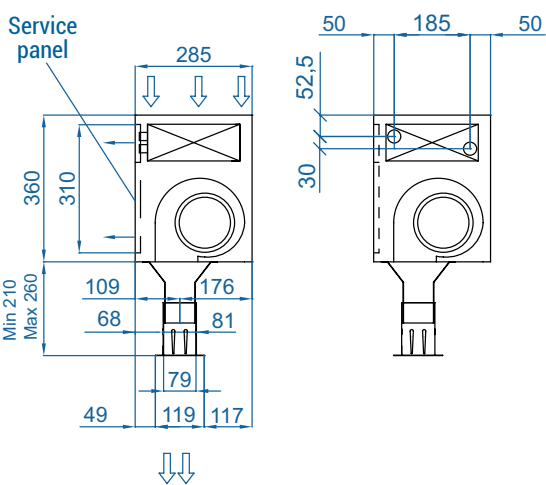
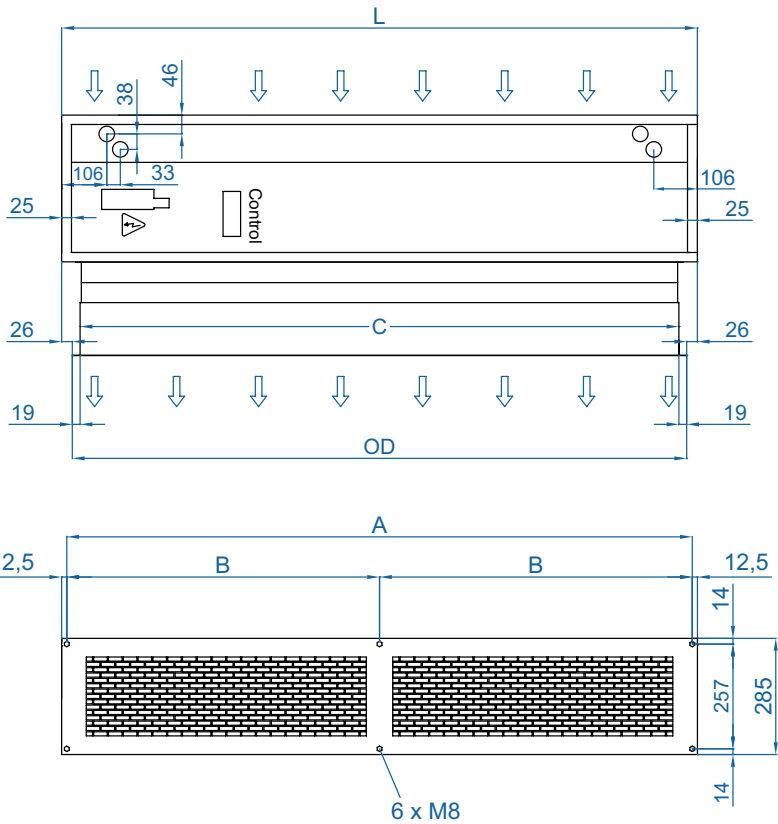


Selection program



Dimensions

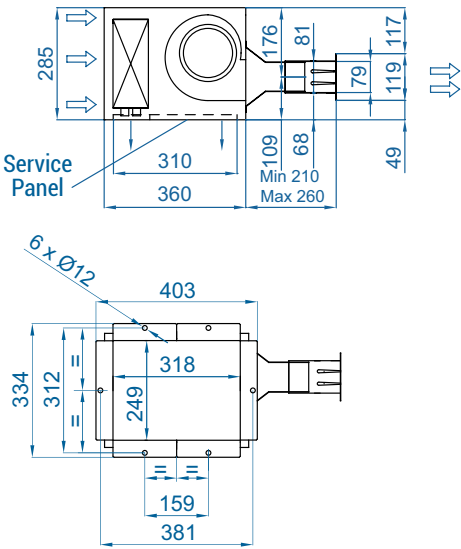
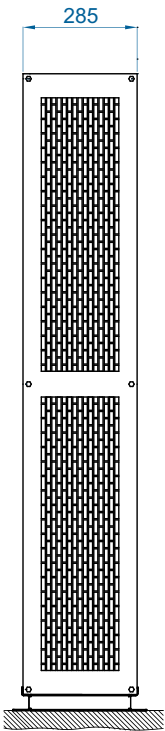
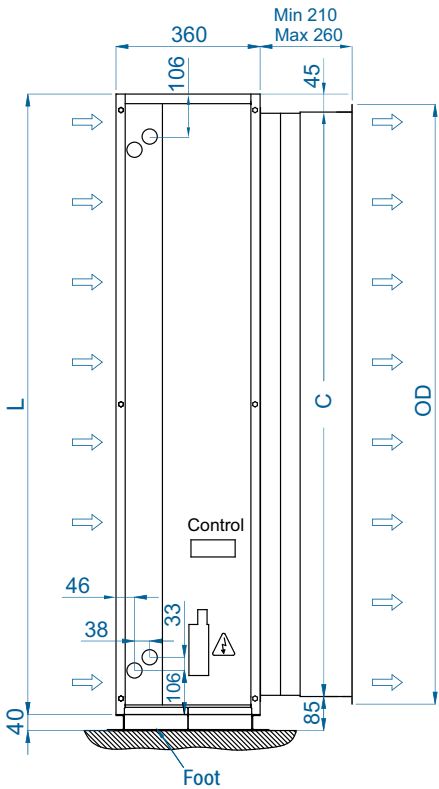
Horizontal installation



Model	L	A	B	C	OD
1500	1550	1525	762.5	1461	1498
2000	2055	2030	1015	1961	1998
2500	2555	2530	1265	2461	2498

Customizable dimensions on request

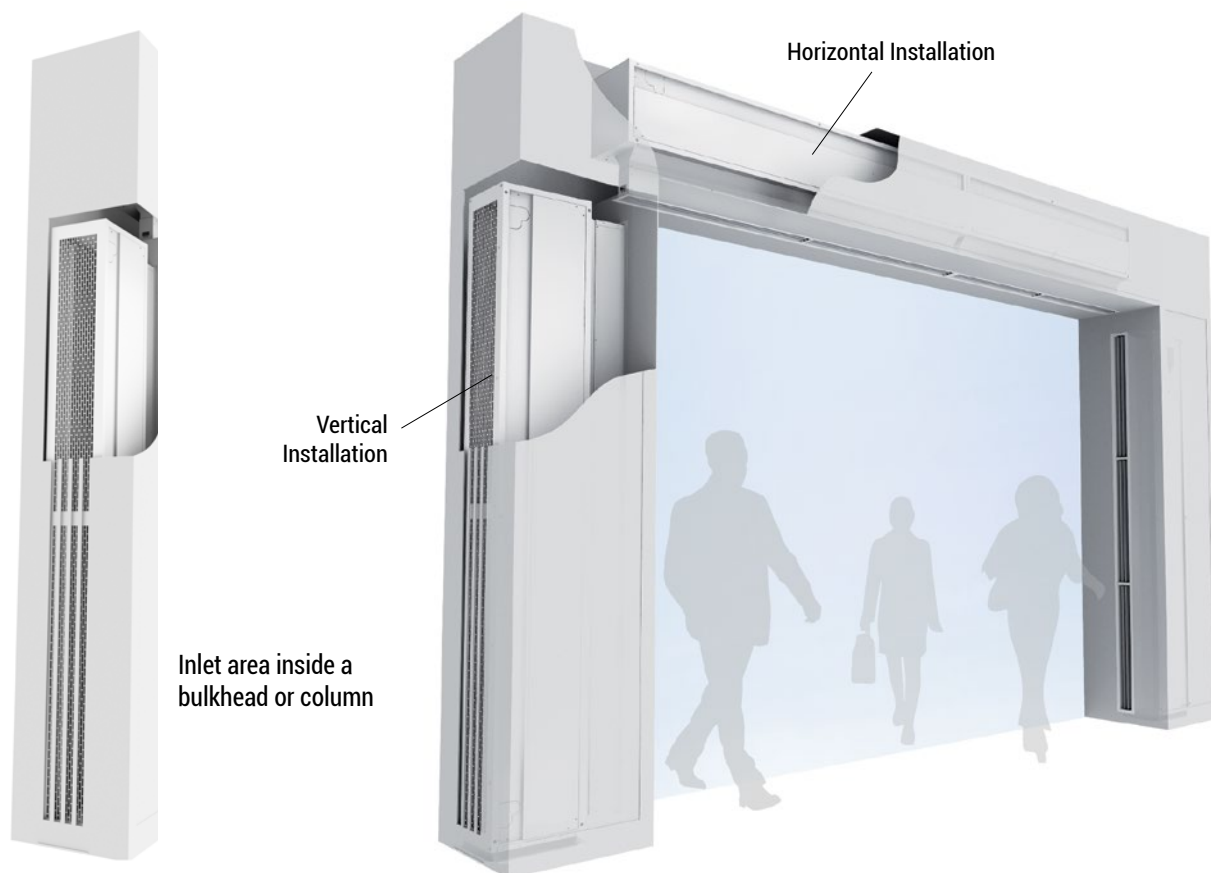
Vertical installation



CAD drawings, installation manuals
and other documentation



Installation configurations



Optional accessories

Supports and installation



Wall rail support
SPWR



Silentblock supports
SPANG-SIL / SLB



Suspension cables
SPCT



Wall angle support
Invisair MG



Flat inlet grille



Foot support
SPF-INVISAIR
(Galv.)



Joining kit
SPJ-INVISAIR
(Galv.)

Control



Advanced Pro
✓ Included "A", "E"



CW-5AW-IR
✓ Included "P"



IR Control
✓ Included



RJ45 Cable
✓ Included

Sensors



Magnetic
door contact MAG-DC
✓ Included



Mechanical
door contact MEC-DC