



Characteristics



- 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.
- Double-inlet centrifugal fans driven by an external rotor motor and low noise level. 5-speed selector. "EC" models with very low consumption efficient fans.
- "P" type with water heated coil. "E" type with electrical shielded elements, three stages with integrated regulation. "A" type without heating, air only.
- Includes Plug&Play control with 7m RJ45 cable and infrared remote control. Optional: Clever control (programmable, automatic, intelligent, energy saving, Modbus RTU for BMS...).
- Air curtain with UL components, but without being certified

Specifications

AIR ONLY 208 V

Model	Airflow m³/h	Power Fans 208V-60Hz kW	Current Fans 208V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
INVISAIR G 1500 A 60Hz	3100	0,442	2,14	57	60
INVISAIR G 2000 A 60Hz	4650	0,664	3,21	58	78
INVISAIR G 2500 A 60Hz	5425	0,774	3,75	59	83
INVISAIR ECG 1500 A 60Hz	3600	0,426	3,72	61	60
INVISAIR ECG 2000 A 60Hz	5400	0,638	5,58	62	78
INVISAIR ECG 2500 A 60Hz	6300	0,745	6,51	63	83

AIR ONLY 240 V

Model	Airflow m³/h	Power Fans 240V-60Hz kW	Current Fans 240V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
INVISAIR G 1500 A 60Hz	3300	0,526	2,20	58	60
INVISAIR G 2000 A 60Hz	4950	0,790	3,30	59	78
INVISAIR G 2500 A 60Hz	5775	0,921	3,85	60	83
INVISAIR ECG 1500 A 60Hz	3800	0,508	3,92	62	60
INVISAIR ECG 2000 A 60Hz	5700	0,762	5,88	63	78
INVISAIR ECG 2500 A 60Hz	6650	0,889	6,86	64	83

WATER HEATED 208 V

Model	Airflow m³/h	P86		P64		P54		Power Fans 208V-60Hz kW	Current Fans 208V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
		Heating Capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Heating Capacity 50/40°C kW	Water Drop Pressure 50/40°C Pa				
INVISAIR G 1500 P 60Hz	2500	14,30	770	13,08	6490	13,70	4510	0,442	2,14	57	69
INVISAIR G 2000 P 60Hz	3750	22,29	2210	18,86	5530	19,40	2410	0,664	3,21	58	89
INVISAIR G 2500 P 60Hz	4375	27,84	4040	22,48	4100	24,07	4330	0,774	3,75	59	94
INVISAIR ECG 1500 P 60Hz	3400	17,29	1070	15,97	9240	17,02	6630	0,426	3,72	61	69
INVISAIR ECG 2000 P 60Hz	5100	26,87	3080	22,99	7850	24,05	3530	0,638	5,58	62	89
INVISAIR ECG 2500 P 60Hz	5950	33,64	5650	27,48	5840	29,90	6370	0,745	6,51	63	94

Water heated: connection pipes P86 and P64 are 2x3/4" female (male if lateral pipes), P54 2x1" male. P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

INVISAIR G, ECG 60Hz | Recessed Air Curtains For Commercial And Industrial Doors



WATER HEATED 240V											
Model	Airflow m³/h	P86		P64		P54		Power Fans 240V-60Hz kW	Current Fans 240V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
		Heating Capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Heating Capacity 50/40°C kW	Water Drop Pressure 50/40°C Pa				
INVISAIR G 1500 P 60Hz	3000	16,02	940	14,74	8020	15,60	5680	0,526	2,20	58	69
INVISAIR G 2000 P 60Hz	4500	24,92	2700	21,23	6820	22,06	3030	0,790	3,30	59	89
INVISAIR G 2500 P 60Hz	5250	31,17	4940	25,35	5070	27,41	5450	0,921	3,85	60	94
INVISAIR ECG 1500 P 60Hz	3500	17,59	1110	16,27	9550	17,36	3500	0,508	3,92	62	69
INVISAIR ECG 2000 P 60Hz	5250	27,34	3180	23,42	8110	24,53	3660	0,762	5,88	63	89
INVISAIR ECG 2500 P 60Hz	6125	34,23	5830	27,99	6040	30,51	6600	0,889	6,86	64	94

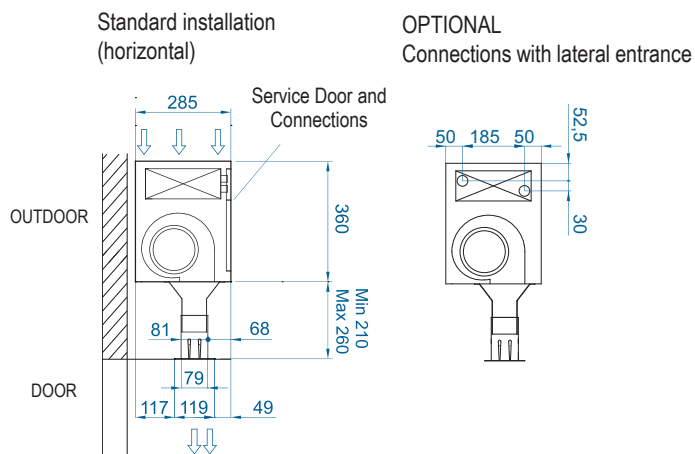
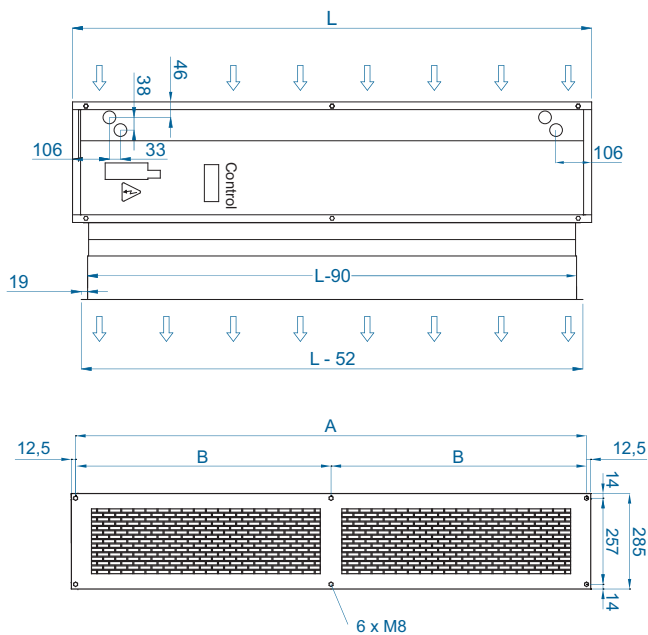
Water heated: connection pipes P86 and P64 are 2x3/4" female (male if lateral pipes), P54 2x1" male. P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

ELECTRICAL HEATED 208 V													
Model	Airflow m³/h	Electrical Heating Capacity 208Vx3-60Hz		Electrical Heating Capacity 460Vx3-60Hz		Electrical Heating Capacity 480Vx3-60Hz		Electrical Heating Capacity 575Vx3-60Hz		Power Fans 208V-60Hz kW	Current Fans 208V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
		kW		kW		kW		kW					
INVISAIR G 1500 E 60Hz	3000	3,5/6,5/10		3,5/7/10,5		4/7,5/11,5		5/5,5/10,5		0,442	2,14	57	73
INVISAIR G 2000 E 60Hz	4500	5/9/14		5/10,5/15,5		5,5/11/16,5		6,5/8/14,5		0,664	3,21	58	96
INVISAIR G 2500 E 60Hz	5250	5,5/9/14,5		06/12/2018		6,5/13/19,5		8/9,5/17,5		0,774	3,75	59	103
INVISAIR ECG 1500 E 60Hz	3600	6/9,5/15,5		5,5/10,5/16		5,8/11,7/17,5		5,5/11/16,5		0,426	3,72	61	73
INVISAIR ECG 2000 E 60Hz	5400	5/9/14		8/16,5/24,5		8,8/17,7/26,5		8/16/24		0,638	5,58	62	96
INVISAIR ECG 2500 E 60Hz	6300	5,5/9/14,5		9,5/18,5/28		10,2/20,3/30,5		9,5/19/28,5		0,745	6,51	63	103

ELECTRICAL HEATED 240 V													
Model	Airflow m³/h	Electrical Heating Capacity 208Vx3-60Hz		Electrical Heating Capacity 460Vx3-60Hz		Electrical Heating Capacity 480Vx3-60Hz		Electrical Heating Capacity 575Vx3-60Hz		Power Fans 240V-60Hz kW	Current Fans 240V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
		kW		kW		kW		kW					
INVISAIR G 1500 E 60Hz	3200	6/9,5/15,5		5,3/10,7/16		5,8/11,7/17,5		5,5/11/16,5		0,526	2,20	58	73
INVISAIR G 2000 E 60Hz	4800	5/9/14		8,2/16,3/24,5		8,8/17,7/26,5		8/16/24		0,790	3,30	59	96
INVISAIR G 2500 E 60Hz	5600	5,5/9/14,5		9,3/18,7/28		10,2/20,3/30,5		9,5/19/28,5		0,921	3,85	60	103
INVISAIR ECG 1500 E 60Hz	3700	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
INVISAIR ECG 2000 E 60Hz	5550	5/9/14		8,2/16,3/24,5		8,8/17,7/26,5		8/16/24		0,762	5,88	63	96
INVISAIR ECG 2500 E 60Hz	6475	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



Layouts and dimensions



	L	A	B	C	OD
INVISAIR 1500	1550	1525	762,5	1461	1498
INVISAIR 2000	2055	2030	1015	1961	1998
INVISAIR 2500	2555	2530	1265	2461	2498
INVISAIR 3000 (*)	3000	2975	1487,5	2938	2975

(*) Special OD kit height of 610mm. See dimension drawing separately.

Installation examples

