

Invisair

The Invisair is the architects choice. Designed for concealment inside casements, bulkheads or ceilings, it is the ideal choice for a fully integrated interior design. Unlike the conventional air curtain arrangement where the air is discharged at right angles to the air inlet assembly, the Invisair air intake and discharge grille are in the same plane so that the air flows through the unit in a straight line, with minimum pressure drop and maximum efficiency.

This air curtain is suitable for commercial and industrial premises. Using air curtains in these types of situations makes internal temperature control more practical, as heat loss through these often open doors is significantly reduced.

An Advanced Pro controller, with built in sensors that intelligently monitor and control temperatures, is included. The wall mounted LCD display offers 5 fan speed selections and 3 heater stages for electrically heated units, or 5 speed fan selection for LPHW and air only units. 7 metres of control cable and an IR hand-held remote are supplied, as standard. An optional Clever PRO intelligent programmable control compatible with Modbus RTU for BMS is also available.



Option available

Colours Available

White RAL9016 (standard)
Any classic RAL colour
Brushed stainless steel

Fan Options

AC fan (standard)
EC fan (option)

Mounting Options

Horizontal
Vertical

Heating Options

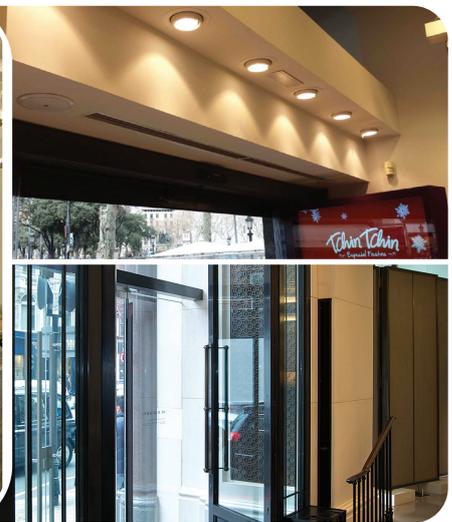
Electric, LPHW
Air only

Max Door Height

4.2 m

Lengths Available

1.0m 1.5m
2.0m 2.5m
3.0m



Air Only

Model	Max mounting height (m)	*Airflow (m³/h)	Power/current fans 230V-50Hz (kW/A)	Noise level (@5m) dB(A)	Weight (kg)
IM 1000 A	3.5	1980	0.318 / 1.41	55	48
IM 1500 A	3.5	2640	0.424 / 1.88	56	55
IM 2000 A	3.5	3960	0.636 / 2.82	57	68
IM 2500 A	3.5	4620	0.742 / 3.29	58	73
IM 3000 A	3.5	5280	0.848 / 3.76	59	84
IG 1000 A	3.8	2400	0.642 / 2.85	57	53
IG 1500 A	3.8	3200	0.856 / 3.80	58	60
IG 2000 A	3.8	4800	1.284 / 5.70	59	78
IG 2500 A	3.8	5600	1.498 / 6.65	60	83
IG 3000 A	3.8	6400	1.712 / 7.60	61	94
IECG 1000 A	4.2	2700	0.213 / 1.86	61	53
IECG 1500 A	4.2	3600	0.300 / 2.60	62	60
IECG 2000 A	4.2	5400	0.450 / 3.90	63	78
IECG 2500 A	4.2	6300	0.525 / 4.55	64	83
IECG 3000 A	4.2	7200	0.586 / 5.96	65	94

*Tested to Amca 220-05

Electrically Heated

Model	Max mounting height (m)	*Airflow (m³/h)	Electrical heating capacity 400V x3-50Hz (kW)	Power/current fans 230V-50Hz (kW/A)	Noise level (@5m) dB(A)	Weight (kg)
IM 1000 E	3.5	1980	9	0.318 / 1.41	56	58
IM 1500 E	3.5	2640	12	0.424 / 1.88	56	67
IM 2000 E	3.5	3960	18	0.636 / 2.82	57	86
IM 2500 E	3.5	4620	18	0.742 / 3.29	58	93
IM 3000 E	3.5	5280	24	0.848 / 3.76	59	108
IG 1000 E	3.8	2400	15	0.642 / 2.85	57	64
IG 1500 E	3.8	3200	22.5	0.856 / 3.80	58	73
IG 2000 E	3.8	4800	30	1.284 / 5.70	59	96
IG 2500 E	3.8	5600	30	1.498 / 6.65	60	103
IG 3000 E	3.8	6400	30	1.712 / 7.60	61	118
IECG 1000 E	4.2	2700	15	0.213 / 1.86	61	64
IECG 1500 E	4.2	3600	22.5	0.300 / 2.60	62	73
IECG 2000 E	4.2	5400	30	0.450 / 3.90	63	96
IECG 2500 E	4.2	6300	30	0.525 / 4.55	64	103
IECG 3000 E	4.2	7200	30	0.586 / 5.96	65	118

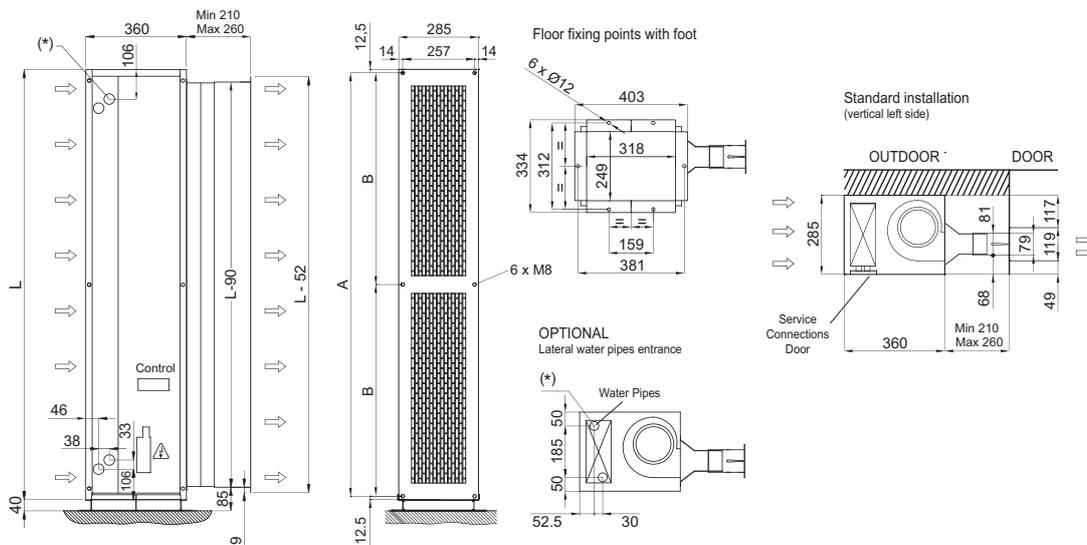
Water Heated

Model	Max. mounting height (m)	Airflow (m ³ /h)	Water heating capacity (kW) @ 80/60°C	Water drop pressure (Pa) @ 80/60°C	Water heating capacity (kW) @ 60/40°C	Water drop pressure (Pa) @ 60/40°C	Water heating capacity (kW) @ 50/40°C	Water drop pressure (Pa) @ 50/40°C	Power/current (fans) 230V-50Hz (kW/A)	Noise level (dB(A))	Weight (kg)
IM 1000 P	3.5	1860	9.84	1000	9.22	4990	-	-	0.318 / 1.41	55	55
IM 1500 P	3.5	2480	14.23	760	13.65	6430	-	-	0.424 / 1.88	56	63
IM 2000 P	3.5	3720	22.17	2190	19.7	5470	-	-	0.636 / 2.82	57	78
IM 2500 P	3.5	4340	27.69	4000	23.48	4060	-	-	0.742 / 3.29	58	86
IM 3000 P	3.5	4960	33.15	6560	28.29	6.73	-	-	0.848 / 3.76	59	100
IG 1000 P	3.8	2250	11.04	1230	10.42	6190	10.56	1790	0.642 / 2.85	57	60
IG 1500 P	3.8	3000	16.02	940	15.47	8020	16.37	5670	0.856 / 3.80	58	69
IG 2000 P	3.8	4500	24.92	2700	22.29	6810	23.15	3030	1.284 / 5.70	59	89
IG 2500 P	3.8	5250	31.16	4930	26.61	5060	28.76	5450	1.498 / 6.65	60	94
IG 3000 P	3.8	6000	37.35	8110	32.10	8410	34.03	7180	1.712 / 7.60	61	108
IECG 1000 P	4.2	2550	11.89	1400	11.27	7110	11.50	2090	0.213 / 1.86	54	61
IECG 1500 P	4.2	3400	17.29	1070	16.77	9240	17.86	6620	0.300 / 2.60	62	69
IECG 2000 P	4.2	5100	26.86	3080	24.14	7850	25.24	3530	0.450 / 3.90	63	89
IECG 2500 P	4.2	5950	33.63	5650	28.84	5840	31.38	6360	0.525 / 4.55	64	94
IECG 3000 P	4.2	6800	40.34	9290	34.81	9710	37.16	8400	0.586 / 5.96	65	108

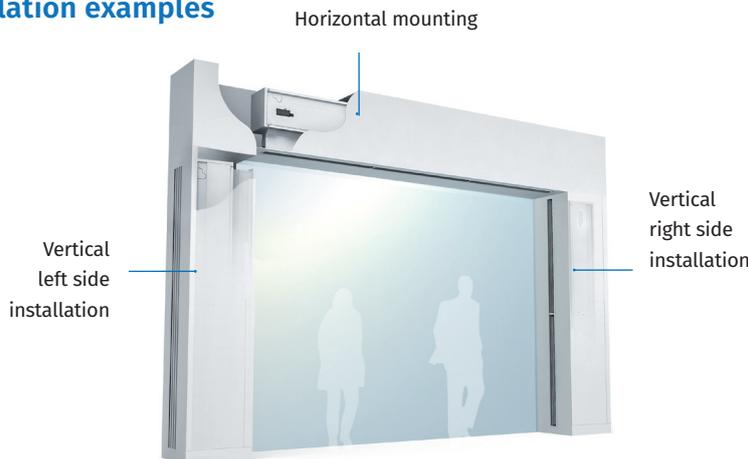
Water heated: connection pipes P86 and P64 are 2x3/4" female (male if lateral pipes), P54 2x1" male.

P86 2 rows coil, P64 3 rows coil, P54 4 rows coil. *Tested to Amca 220-05

Layouts and Dimensions



Installation examples



	L	A	B
1000	1050	1025	-
1500	1550	1525	726.5
2000	2055	2030	1015
2500	2555	2530	1265
3000	3000	2975	1487.5