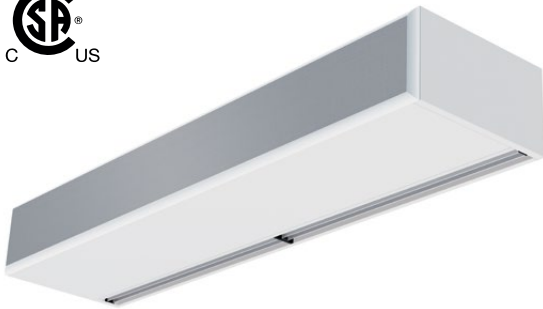




## Technical Features



RAL 9016 standard



Other colors on request



Stainless steel



Range  
Up to 4,2 m



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



Casing  
Galvanised Steel [\*]



Airflow / Length  
1500 - 7600 m3/h  
1 m to 3 m



Heating capacity  
E : 2 - 30,5 kW  
P : 7,54 - 40,35 kW



Grille type  
Micro-perforated  
with prefilter function



Fans  
Centrifugal  
5-speed



Control  
Plug&Play manual regulator  
+ IR remote control



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

[\*] Customizable dimensions on request

WINDBOX air curtains range provide equipment suitable for all types of commercial entrances. A compact and robust air curtain from our standard range with a timeless design, ready for visible installation over the door and prepared for multiple false ceiling installation configurations. Casing painted in RAL 9016. Other colors are available on request.

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

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

CSA certified.

❄ UNHEATED 208V-1ph~60Hz

Model	Airflow	Ventilation power	Ventilation current	Noise level	Weight
	m3/h	208V-1ph~60Hz kW	208V-1ph~60Hz A	(5 m) dB(A)	
M 1000 A	1850	0,221	1,07	54	31
M 1500 A	2775	0,332	1,61	55	46
M 2000 A	3700	0,442	2,14	56	58
M 2500 A	4625	0,553	2,68	57	72
M 3000 A	5550	0,663	3,21	58	86
G 1000 A	2325	0,332	1,61	56	43
G 1500 A	3100	0,442	2,14	57	51
G 2000 A	4650	0,663	3,21	58	80
G 2500 A	5425	0,774	3,75	59	84
G 3000 A	3200	0,884	4,28	60	95
ECG 1000 A	2700	0,319	2,79	60	43
ECG 1500 A	3600	0,425	3,72	61	51
ECG 2000 A	5400	0,638	5,58	62	80
ECG 2500 A	6300	0,744	6,51	63	84
ECG 3000 A	7200	0,851	7,44	64	95



✿ UNHEATED 240V-1ph~60Hz

Model	Airflow	Ventilation power 240V-1ph~60Hz	Ventilation current 240V-1ph~60Hz	Noise level (5 m)	Weight
	m3/h	kW	A	dB(A)	kg
M 1000 A	2000	0,263	1,10	55	31
M 1500 A	3000	0,395	1,65	56	46
M 2000 A	4000	0,526	2,20	57	58
M 2500 A	5000	0,658	2,75	58	72
M 3000 A	6000	0,789	3,30	59	86
G 1000 A	2475	0,395	1,65	57	43
G 1500 A	3300	0,526	2,20	58	51
G 2000 A	4950	0,789	3,30	59	80
G 2500 A	5775	0,921	3,85	60	84
G 3000 A	6600	1,052	4,40	61	95
ECG 1000 A	2850	0,381	2,94	61	43
ECG 1500 A	3800	0,508	3,92	62	51
ECG 2000 A	5700	0,762	5,88	63	80
ECG 2500 A	6650	0,889	6,86	64	84
ECG 3000 A	7600	1,016	7,84	65	95

⚡ ELECTRIC HEATED 208V-1ph~60Hz

Model	Airflow m3/h	Electrical heating capacity (*) 208V-3ph~60Hz	Electrical heating capacity (*) 460V-3ph~60Hz	Electrical heating capacity (*) 480V-3ph~60Hz	Electrical heating capacity (*) 575V-3ph~60Hz	Ventilation power 208V-1ph ~60Hz	Ventilation current 208V-1ph ~60Hz	Noise level (5 m)	Weight
		kW	kW	kW	kW	kW	A	dB(A)	kg
M 1000 E	1800	2/4/6	2/4,5/6,5	2,5/5/7,5	3,5/3,5/7	0,221	1,07	54	37
M 1500 E	2700	3/6/9	3/6,5/9,5	3,5/7/10,5	5/5/10	0,332	1,61	55	57
M 2000 E	3600	4/8/12	4/8,5/12,5	4,5/9/13,5	6,5/6,5/13	0,442	2,14	56	75
M 2500 E	4500	5/8/13	5/10/15	5,5/11/16,5	8/8/16	0,553	2,68	57	94
M 3000 E	5400	6,5/8/14,5	6/12/18	6,5/13/19,5	9,5/9,5/19	0,663	3,21	58	112
G 1000 E	2250	2,5/5/7,5	2,5/5/7,5	3/5,5/8,5	3,5/4/7,5	0,332	1,61	56	52
G 1500 E	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	63
G 2000 E	4500	5/9/14	5/10,5/15,5	5,5/11/16,5	6,5/8/14,5	0,663	3,21	58	100
G 2500 E	5250	5,5/9/14,5	6/12/18	6,5/13/19,5	8/9,5/17,5	0,774	3,75	59	106
G 3000 E	6000	6,5/8/14,5	6/12/18	6,5/13/19,5	9,5/9,5/19	0,884	4,28	60	120
ECG 1000 E	2700	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,319	2,79	60	52
ECG 1500 E	3600	6/9,5/15,5	5,5/10,5/16	5,8/11,7/17,5	5,5/11/16,5	0,425	3,72	61	63
ECG 2000 E	5400	5/9/14	8/16,5/24,5	8,8/17,7/26,5	8/16/24	0,638	5,58	62	100
ECG 2500 E	6300	5,5/9/14,5	9,5/18,5/28	10,2/20,3/30,5	9,5/19/28,5	0,744	6,51	63	106
ECG 3000 E	7200	6,5/8/14,5	9,5/18,5/28	10,2/20,3/30,5	9,5/19/28,5	0,851	7,44	64	120

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

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 (*) 208V-3ph~60Hz	Electrical heating capacity (*) 460V-3ph~60Hz	Electrical heating capacity (*) 480V-3ph~60Hz	Electrical heating capacity (*) 575V-3ph~60Hz	Ventilation power 240V-1ph ~60Hz	Ventilation current 240V-1ph ~60Hz	Noise level (5 m)	Weight kg
		kW	kW	kW	kW	kW	A	dB(A)	
M 1000 E	1950	2,5/5/7,5	3,3/6,7/10	3,7/7,3/11	3,5/7/10,5	0,263	1,10	55	37
M 1500 E	2925	3/6,5/9,5	4,8/9,7/14,5	5,2/10,3/15,5	5/10/15	0,395	1,65	56	57
M 2000 E	3900	4/8/12	6,5/13/19,5	7/14/21	6,5/13/19,5	0,526	2,20	57	75
M 2500 E	4875	5/8/13	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,658	2,75	58	94
M 3000 E	5850	6,5/8/14,5	9,3/18,7/28	10,3/20,3/30,5	9,5/19/28,5	0,789	3,30	59	112
G 1000 E	2400	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,395	1,65	57	52
G 1500 E	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	63
G 2000 E	4800	5/9/14	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,789	3,30	59	100
G 2500 E	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	106
G 3000 E	6000	6,5/8/14,5	9,3/18,7/28	10,2/20,3/30,5	9,5/19/28,5	1,052	4,40	61	120
ECG 1000 E	2775	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,381	2,94	61	52
ECG 1500 E	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	63
ECG 2000 E	5550	5/9/14	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,762	5,88	63	100
ECG 2500 E	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	106
ECG 3000 E	7400	6,5/8/14,5	9,3/18,7/28	10,2/20,3/30,5	9,5/19/28,5	1,016	7,84	65	120

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

**WATER HEATED 208V-1ph~60Hz**

Model	Airflow m3/h	P86 (80/60°C)		P64 (60/40°C)		P54 (50/40°C)		Ventilation power (*) kW	Ventilation current (*) A	Noise level (5 m) dB(A)	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				
M 1000 P	1500	8,61	790	7,63	3880	7,54	1070	0,282	1,19	55	35
M 1500 P	2250	13,37	680	12,19	5730	12,69	3940	0,422	1,78	56	53
M 2000 P	3000	19,37	1720	16,25	4240	16,5	1800	0,562	2,37	57	69
M 2500 P	3750	25,25	3400	20,27	3410	21,51	3540	0,703	2,98	58	86
M 3000 P	4500	31,16	5880	25,24	5990	26,33	4970	0,844	3,57	59	103
G 1000 P	1875	9,89	1010	8,83	5040	8,86	1430	0,422	1,78	55	35
G 1500 P	2500	14,3	770	13,08	6490	13,7	4510	0,562	2,37	56	53
G 2000 P	3750	22,29	2210	18,86	5530	19,4	2410	0,844	3,57	57	69
G 2500 P	4375	27,84	4040	22,48	4100	24,07	4330	0,985	4,16	58	86
G 3000 P	5000	33,33	6620	27,1	6800	28,44	5690	1,125	4,76	59	103
ECG 1000 P	2550	11,89	1400	10,73	7110	10,95	2090	0,320	2,86	55	35
ECG 1500 P	3400	17,29	1070	15,97	9240	17,02	6630	0,427	3,81	56	53
ECG 2000 P	5100	26,87	3080	22,99	7850	24,05	3530	0,640	5,72	57	69
ECG 2500 P	5950	33,64	5650	27,48	5840	29,9	6370	0,747	6,67	58	86
ECG 3000 P	6800	40,35	9300	33,16	9720	35,4	8400	0,854	7,63	59	103

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.

(\*) Voltage 208-1ph~60Hz



WATER HEATED 240V-1ph~60Hz

Model	Airflow m3/h	P86 (80/60°C)		P64 (60/40°C)		P54 (50/40°C)		Ventilation power (*) kW	Ventilation current (*) A	Noise level (5 m) dB(A)	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				
M 1000 P	1800	9,64	970	8,6	4810	8,6	1360	0,335	1,22	56	35
M 1500 P	2700	15,01	830	13,76	7100	14,48	4970	0,502	1,83	57	53
M 2000 P	3600	21,73	2110	18,36	5270	18,84	2290	0,669	2,44	58	69
M 2500 P	4500	28,33	4170	22,91	4230	24,56	4480	0,837	3,06	59	86
M 3000 P	5400	34,98	7220	28,52	7440	30,07	6280	1,004	3,67	60	103
G 1000 P	2250	11,04	1230	9,92	6190	10,06	1800	0,502	1,83	56	35
G 1500 P	3000	16,02	940	14,74	8020	15,6	5680	0,669	2,44	57	53
G 2000 P	4500	24,92	2700	21,23	6820	22,06	3030	1,004	3,67	58	69
G 2500 P	5250	31,17	4940	25,35	5070	27,4	5450	1,172	4,28	59	86
G 3000 P	6000	37,36	8110	30,57	8420	32,42	7180	1,339	4,89	60	103
ECG 1000 P	2625	11,89	1400	11,27	7110	11,5	2090	0,381	2,94	61	35
ECG 1500 P	3500	17,29	1070	16,77	9240	17,86	6620	0,508	3,92	62	53
ECG 2000 P	5250	26,86	3080	24,14	7850	25,24	3530	0,762	5,88	63	69
ECG 2500 P	6125	33,63	5650	28,84	5840	31,38	6360	0,889	6,86	64	86
ECG 3000 P	7000	40,34	9290	34,81	9710	37,16	8400	1,016	7,84	65	103

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.

(\*) Voltage 240-1ph~60Hz

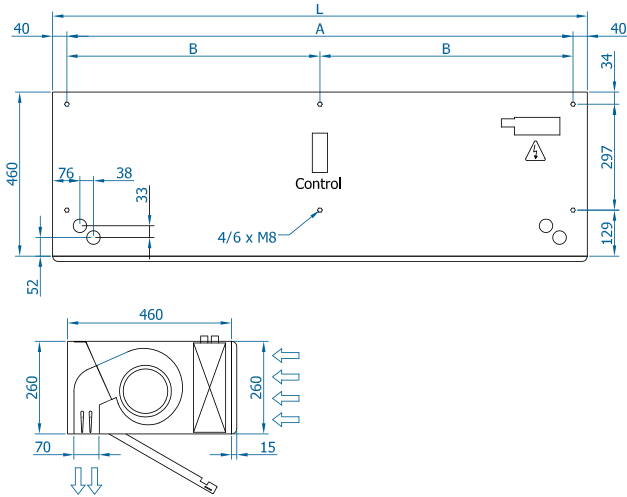


Selection program

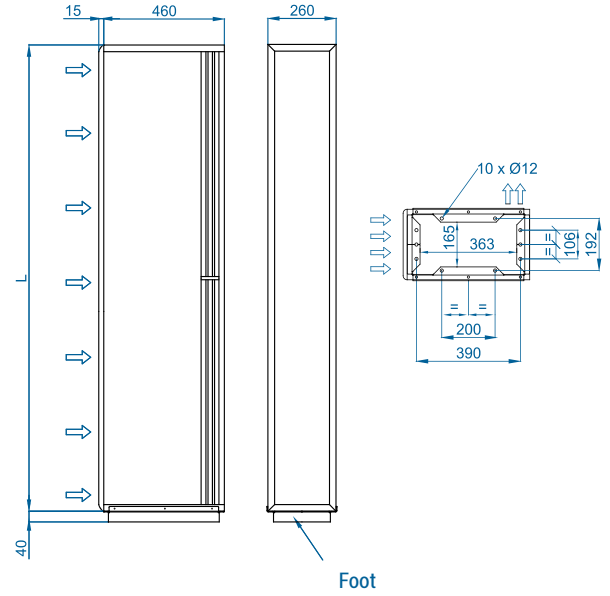


## Dimensions

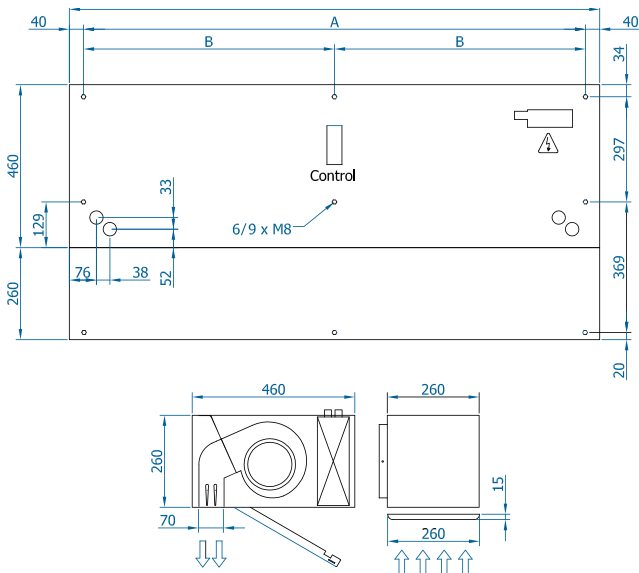
Horizontal installation



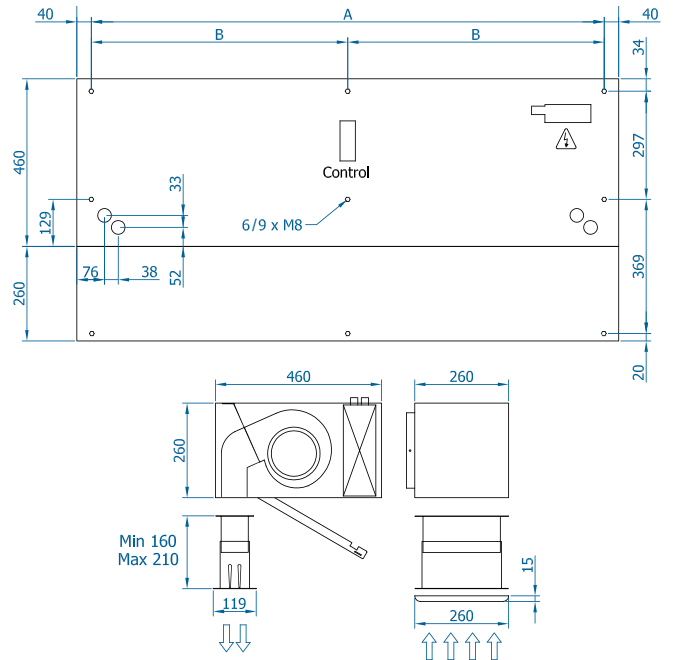
Vertical installation



Inside ceiling surface mounting



False ceiling invisible mounting



L	A	B
1000	920	-
1500	1420	710
2000	1920	960
2500	2420	1210
3000	2920	1460

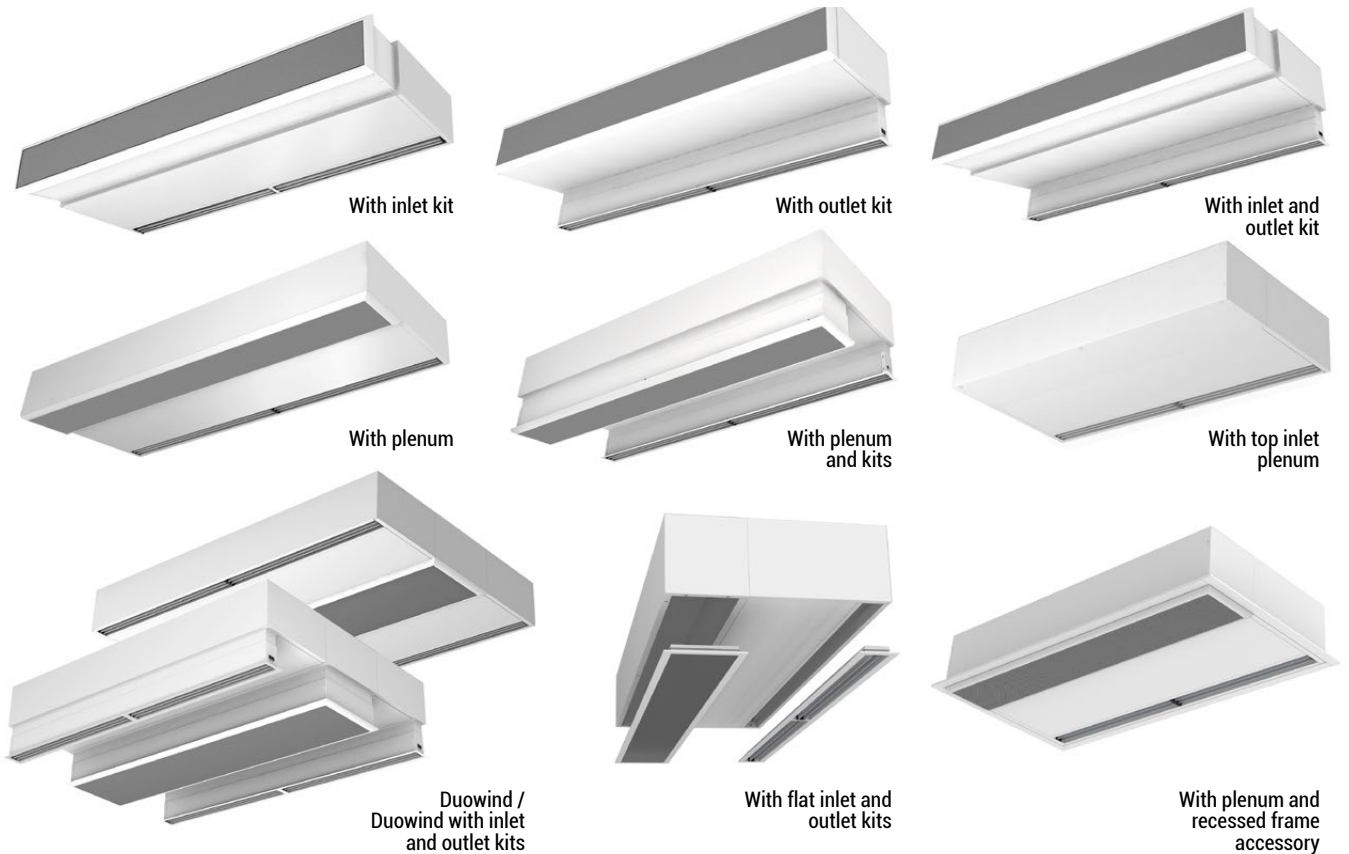
Customizable dimensions on request.

CAD drawings, installation manuals  
and other documentation



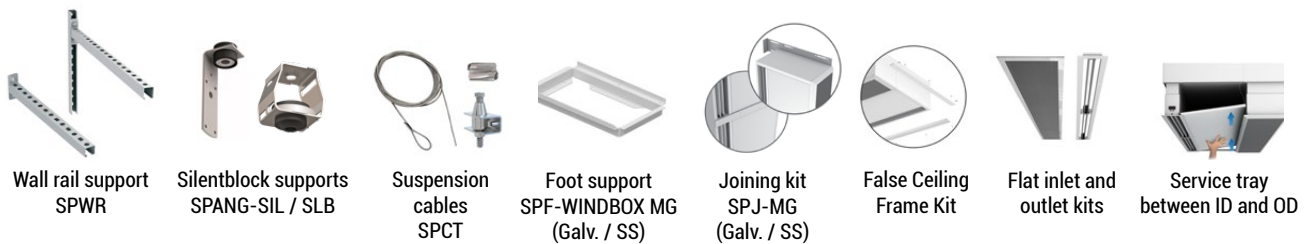


## Installation Configurations



## Optional accessories

### Supports and installation



### Control



### Sensors

