



Air Curtains

2011





description

The new and attractive generation of Airtècnics air curtains is the ideal solution to maintain a comfortable interior climate in commercial outlets and public buildings that need to keep their doors open.

Airtècnics air curtains create an air stream layer over the doorway and act as an invisible barrier which efficiently divides the inside environment from the outside one. Therefore, it substantially reduces heating and cooling costs up to 80%, while increasing employees and clients comfort.

For shops, Airtècnics air curtains allow a clear view of the inside of the shop, welcoming the client to enter easily and freely. The end result is

more customers and an increase in sales. Airtècnics air curtains are a protection from the cold and heat, repel gusts of wind and minimize dust, fumes, pollution and insects entering the building.

In order to obtain these advantages it's very important to choose the appropriate air curtain. Factors such as interior drop, strong winds, the door's location, stairs between floors, opposite doors, and the installation height have to be taken into consideration.

Our expert consultants with their extensive experience are at your disposal to help you choose.

advantages

MAINTAINS

- Heating levels
- Refrigeration
- Air conditioning
- Comfort
- Clean atmosphere



PROTECTS FROM

- Cold winter temperatures
- Hot summer temperatures
- Car fumes
- Dust in the air
- Pollution
- Bad smells and odours
- Insects

selection of an air curtain

To select an air curtain the following factors have to be kept in mind:

- The height of the installation measured from the discharge diffuser to the floor.
- The width of the door.
- The location of the building to determine the level of protection needed against weather conditions.
- If the building has several doors in the same, different or opposite façade.
- If the building has several storeys connected by escalators.
- Pressure differences between the inside and outside of the building.
- Door characteristics: if always open, it opens automatically, it opens manually, revolving door, etc...
- Characteristics of the ventilation and air conditioning installation.
- Voltage and electrical power availability.
- Type of business, style and decoration of the premises.



applications

Model	Kind	Recommended Installation Height (*)	Heating			Common Applications
			A	E	P	
Minibel		Up to 1.8 m	•	•		Kiosks, Fast Food and small sized shops. Restaurants and places with usually closed door or automatic door when low pedestrian flow.
Eco (E only) Optima Recessed Optima		Up to 2.2 m	•	•	•	Small and medium sized premises. Restaurants, shops and places with a medium and high pedestrian flow. Creation of different environment zones. Protection against dust, fumes, pollutants and insects. False ceiling installations. Isolation and sealing of smoking areas.
Windbox Dam Recessed Windbox WEC (G only) REC (G only) Deco Zen (M,G only) Rund (M,G only) Duojet (M,G only) RotoWind (M,G only) VariWind Kool (A only) Compact (M/A only)	S M G	Up to 2.5 m Up to 2.8 m Up to 3.2 m	• • •	• • •	• • •	Medium and large sized premises with a high pedestrian flow. Protection against dust, fumes, pollutants and insects. Cold rooms. False ceiling installations. Isolation and sealing of smoking areas.
Windbox	B L XL	Up to 4 m Up to 4.5 m Up to 7 m	• • •	• • •	• • •	Medium and large sized premises with a high pedestrian flow. Industrial doors. Protection against dust, fumes, pollutants and insects. Cold rooms. False ceiling installations.
Max		Up to 5 m	•	•	•	Industrial doors. Loading dock. Vertical Installation to one side of the door or at each side of the door. Horizontal Installation.

(*) The maximum height of installation depends on the conditions of the premises. Contact us to clear up your queries or doubts.

(A) Air Only, (E) Electrical Heating, (P) Water Coil Heating LPHW.



Characteristics



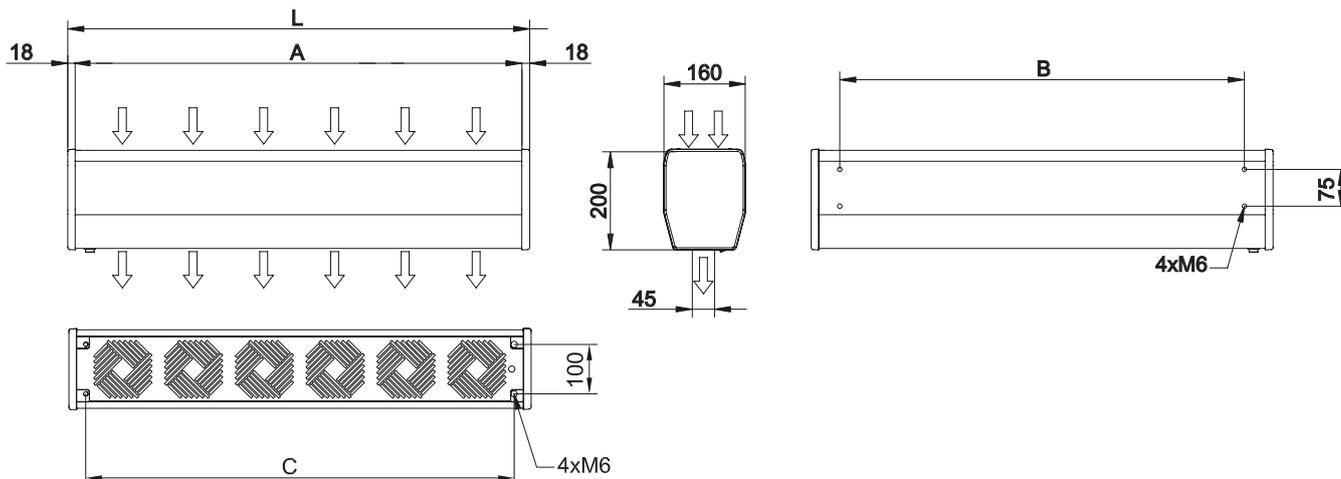
- Self-supporting casing construction made of galvanized plated steel, painted epoxy-polyester structural grey colour RAL 7047.
- Low noise compact axial fans.
- “E” type with heating includes electrical shielded element. “A” type is without heating, air only.
- Linear blow-out jets with airfoil profiled anodized aluminium lamellas.
- Integrated switch for ventilation and heating control.
- Cable connection of 1,5m length, integrated.
- Wall support included.

Specifications

		MIN 600 A	MIN 600 E 230	MIN 900 A	MIN 900 E 230
Power (Fans)	W	112	112	168	168
Voltage	V	230~1	230~1	230~1	230~1
Current	A	0,52	0,52	0,78	0,78
Speed	rpm	2800	2800	2800	2800
Airflow	m³/h	400	400	600	600
Power (Heating)	kW	-	2,5	-	3,2
Voltage	V	-	230~1	-	230~1
Current	A	-	10,4	-	16,7
Temperature Rise	°C	-	18	-	19
Weight	kg	9	10	12,5	13,5
Noise Level	dB(A)	47	47	48	48
Maximum Height (*)	m	1,8	1,8	1,8	1,8

(*) Depending on installation conditions

Dimensions



	L	A	B	C
MIN 600	636	600	520	566
MIN 900	936	900	820	866



Characteristics



- Self-supporting steel casing finished structural white colour RAL 9010.
- Cross-flow fans with conventional 2 speed motor.
- Electrical elements PTC type, resistances manufactured with a ceramic semi-conductor. Power contactors included.
- Control of the unit through remote control with infrared (included) or with the control panel integrated on the equipment.
- Wall mounting support included.

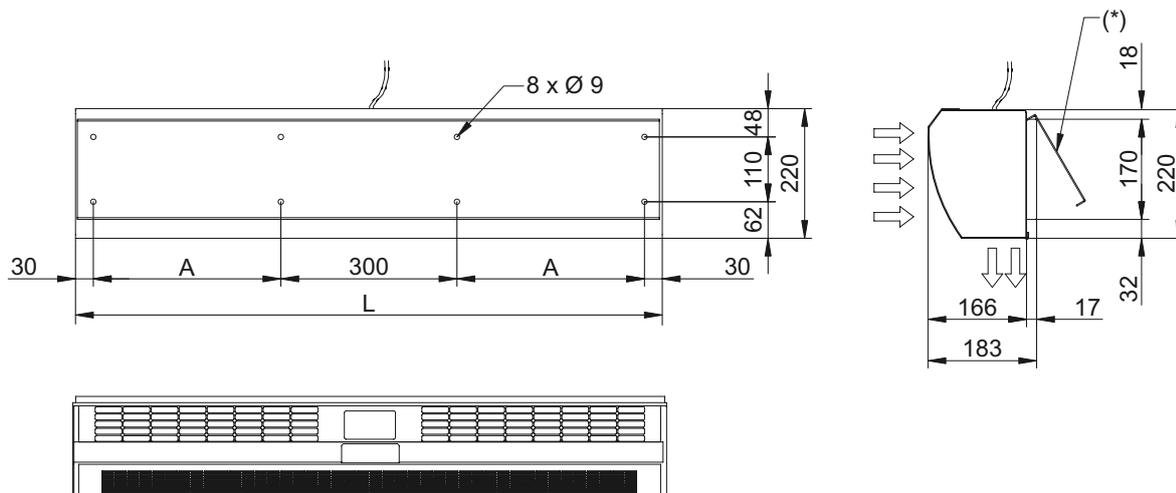
Specifications

		ECO 1000 E	ECO 1200 E(*)		ECO 1500 E(*)	
Power (Fan)	W	140/200	150/230		200/300	
Voltage	V	230V~1	230V~1		230V~1	
Current	A	0,38/0,63	0,46/0,72		0,57/0,88	
Speed	rpm	1.350	1.350		1.350	
Airflow Min./Max.	m ³ /h	950/1025	1225/1300		1500/1625	
Power (Heating)	kW	6,2	7,4	7,4	9,3	9,3
Voltage (*)	V	400V~3	400V~3	230V~1	400V~3	230V~1
Current	A	8,7	10,4	18,5	13	23,3
Temperature Rise	°C	18/17	17/16	17/16	17/16	17/16
Weight	kg	16	18,2		22,9	
Noise Level	dB(A)	65	67		69	
Maximum Height (**)	m	2,2	2,2		2,2	

(*) "E" Standard models are with electrical heating at 400V three phase. "E230" Optional models at 230V single phase.

(**) Depending on installation conditions

Dimensions



(*) Wall mounting support included

	L	A
ECO 1000	1000	320
ECO 1200	1200	420
ECO 1500	1500	570



Characteristics



- Self-supporting casing construction made of galvanized plated steel, painted epoxy-polyester structural white colour RAL 9016 as standard. Other colours are available on request.
- Low noise twisted cross-flow fans driven with a two speed external rotor motor.
- Micro-perforated inlet grille with filter functions makes unnecessary an intensive filter servicing, only has to be periodically wiped or vacuumed
- “P” type includes water heated coil. “E” type includes electrical shielded element, two power stages with power switches included. “A” type is without heating, air only.
- Linear blow-out jets with airfoil profiled anodized aluminium lamellas.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

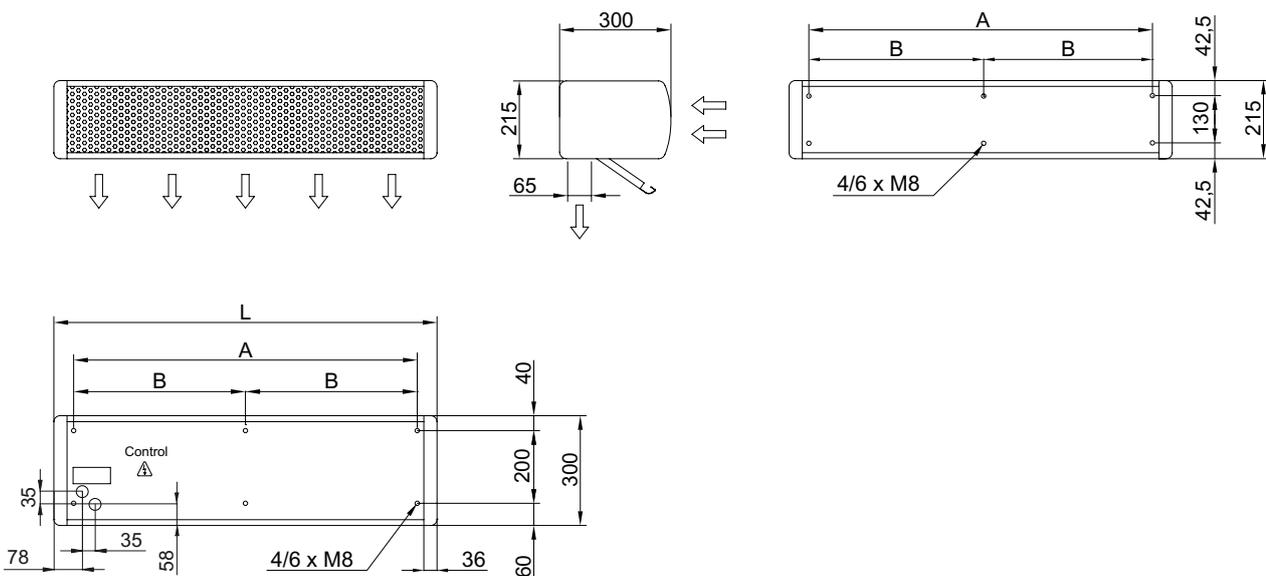
Specifications

Model	Airflow m3/h	Heating capacity 80/60°C kW	Water Drop Pressure Pa	Electrical Heating Capacity (*) kW	Electrical Heating Voltage V	Electrical Heating Current A	Power Fans 230V-50Hz W	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
OPT 1000 A	850/1350	-	-	-	-	-	40/87	0,19/0,40	41/50	17,5
OPT 1000 P	725/1150	8	5050	-	-	-	40/87	0,19/0,40	41/50	20
OPT 1000 E	850/1350	-	-	4/6	400Vx3	5,8/8,7	40/87	0,19/0,40	41/50	19,5
OPT 1000 E230	850/1350	-	-	3,8/5,6	230Vx1	16,5/24,5	40/87	0,19/0,40	41/50	19,5
OPT 1500 A	1250/2050	-	-	-	-	-	64/117	0,32/0,53	43/52	25
OPT 1500 P	1100/1750	12,6	5360	-	-	-	64/117	0,32/0,53	43/52	28,5
OPT 1500 E	1250/2050	-	-	6/9	400Vx3	8,7/13	64/117	0,32/0,53	43/52	28,5
OPT 1500 E230-6	1250/2050	-	-	3,8/5,6	230Vx1	16,5/24,5	64/117	0,32/0,53	43/52	28,5
OPT 1500 E230-9	1250/2050	-	-	6/9	230Vx1	26/39,1	64/117	0,32/0,53	43/52	28,5
OPT 2000 A	1700/2700	-	-	-	-	-	80/174	0,38/0,80	46/55	33
OPT 2000 P	1450/2300	16,7	5230	-	-	-	80/174	0,38/0,80	46/55	37,5
OPT 2000 E	1700/2700	-	-	5,6/11,3	400Vx3	8,1/16,3	80/174	0,38/0,80	46/55	42
OPT 2000 E230	1700/2700	-	-	5,6/11,3	230Vx1	24,5/49,1	80/174	0,38/0,80	46/55	42

Water heated pipes connection 1/2"

(*) Under request other electrical heating capacities may be supplied

Dimensions



	L	A	B
OPT 1000	1050	940	-
OPT 1500	1550	1440	-
OPT 2000	2050	1940	970



Characteristics



- Self-supporting casing construction made of galvanized plated steel, ready to be installed recessed in a false ceiling.
- The inlet grille and the blow-out jet are integrated in a single aluminium frame, painted epoxy-polyester white colour RAL 9016.
- Low noise twisted cross-flow fans driven with a two speed external rotor motor.
- “P” type includes water heated coil. “E” type includes electrical shielded element, two power stages with power switches included. “A” type is without heating, air only.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

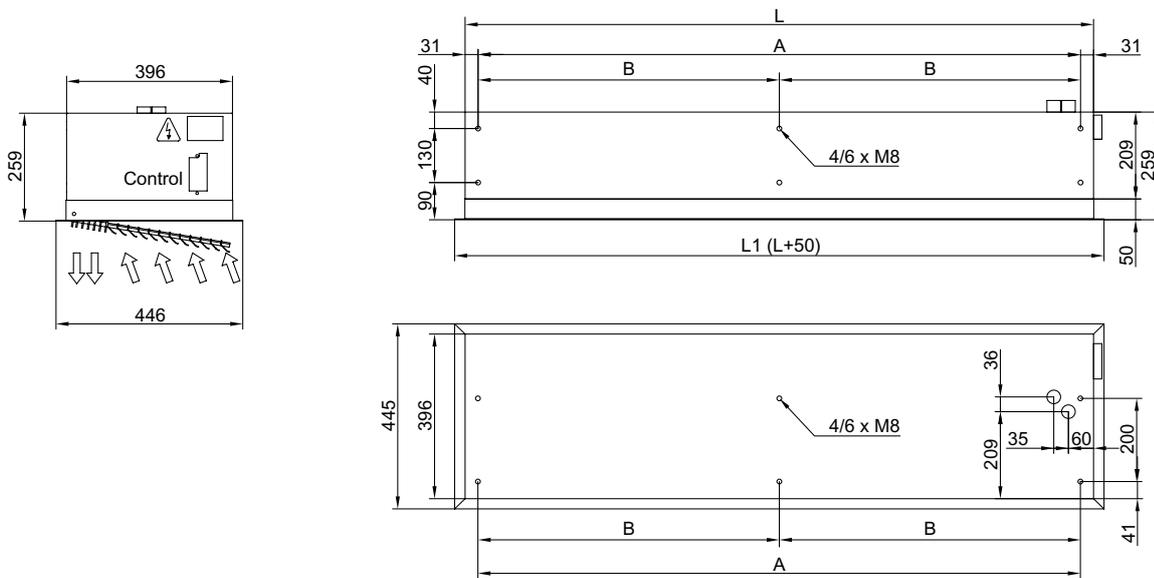
Specifications

Model	Airflow m ³ /h	Heating capacity 80/60°C kW	Water Drop Pressure Pa	Electrical Heating Capacity (*) kW	Electrical Heating Voltage V	Electrical Heating Current A	Power Fans 230V-50Hz W	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
RO 1000 A	850/1350	-	-	-	-	-	40/87	0,19/0,40	41/50	24
RO 1000 P	725/1150	8	5050	-	-	-	40/87	0,19/0,40	41/50	26,5
RO 1000 E	850/1350	-	-	4/6	400Vx3	5,8/8,7	40/87	0,19/0,40	41/50	26
RO 1000 E230	850/1350	-	-	3,8/5,6	230Vx1	16,5/24,5	40/87	0,19/0,40	41/50	26
RO 1500 A	1250/2050	-	-	-	-	-	64/117	0,32/0,53	43/52	34
RO 1500 P	1100/1750	12,6	5360	-	-	-	64/117	0,32/0,53	43/52	37,5
RO 1500 E	1250/2050	-	-	6/9	400Vx3	8,7/13	64/117	0,32/0,53	43/52	37,5
RO 1500 E230-6	1250/2050	-	-	3,8/5,6	230Vx1	16,5/24,5	64/117	0,32/0,53	43/52	37,5
RO 1500 E230-9	1250/2050	-	-	6/9	230Vx1	26/39,1	64/117	0,32/0,53	43/52	37,5
RO 2000 A	1700/2700	-	-	-	-	-	80/174	0,38/0,80	46/55	44,5
RO 2000 P	1450/2300	16,7	5230	-	-	-	80/174	0,38/0,80	46/55	49
RO 2000 E	1700/2700	-	-	5,6/11,3	400Vx3	8,1/16,3	80/174	0,38/0,80	46/55	53,5
RO 2000 E230	1700/2700	-	-	5,6/11,3	230Vx1	24,5/49,1	80/174	0,38/0,80	46/55	53,5

Water heated pipes connection 1/2"

(*) Under request other electrical heating capacities may be supplied

Dimensions



	L	L1	A	B
RO 1000	1000	1050	938	-
RO 1500	1500	1550	1438	-
RO 2000	2000	2050	1938	969



Characteristics



- Self-supporting casing construction made of galvanized plated steel, finished in structural epoxy-polyester RAL 9016 as standard. Other colours or stainless steel construction are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided by five speed selection.
- Micro-perforated inlet grille with filter functions makes unnecessary an intensive filter servicing, only has to be periodically wiped or vacuumed.
- "P" type includes water heated coil. "E" type includes electrical shielded element, three power stages with power switches included. "A" type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

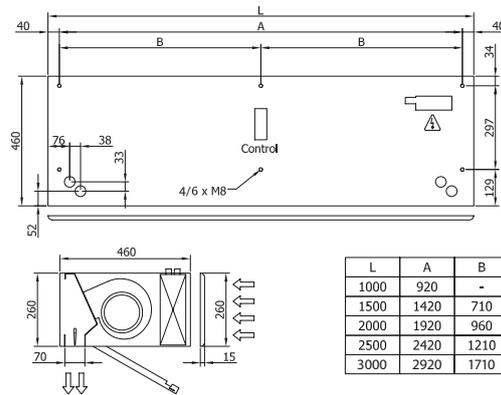
Specifications

Model	Airflow m3/h	Heating capacity 80/60°C	Water Drop Pressure 80/60°C	Water Connection 80/60°C	Heating Capacity 60/40°C	Water Drop Pressure 60/40°C	Water Connection 60/40°C	Electrical Heating Capacity 3x400V-50Hz	Power Fans 230V-50Hz	Current Fans 230V-50Hz	Noise Level (5 m)	Weight kg
		kW	Pa		kW	Pa		kW	kW	A	dB(A)	
S 1000 P	1250	8,53	560	2x3/4"	6,85	2780	2x3/4"	-	0,372	1,68	53	39
S 1000 E	1300	-	-	-	-	-	-	3/6/9	0,372	1,68	53	41
S 1000 A	1300	-	-	-	-	-	-	-	0,372	1,68	53	34
S 1500 P	1875	12,92	500	2x3/4"	10,80	4250	2x3/4"	-	0,558	2,52	54	58
S 1500 E	1950	-	-	-	-	-	-	4/8/12	0,558	2,52	54	62
S 1500 A	1950	-	-	-	-	-	-	-	0,558	2,52	54	50
S 2000 P	2500	18,11	1270	2x3/4"	14,46	3110	2x3/4"	-	0,744	3,36	55	73
S 2000 E	2600	-	-	-	-	-	-	6/12/18	0,744	3,36	55	80
S 2000 A	2600	-	-	-	-	-	-	-	0,744	3,36	55	62
S 2500 P	3125	23,13	2530	2x3/4"	18,10	2600	2x3/4"	-	0,930	4,20	56	79
S 2500 E	3250	-	-	-	-	-	-	6/12/18	0,930	4,20	56	86
S 2500 A	3250	-	-	-	-	-	-	-	0,930	4,20	56	66
S 3000 P	3750	28,39	4440	2x3/4"	21,47	3910	2x3/4"	-	1,116	5,04	57	91
S 3000 E	3900	-	-	-	-	-	-	8/16/24	1,116	5,04	57	99
S 3000 A	3900	-	-	-	-	-	-	-	1,116	5,04	57	76
M 1000 P	1800	10,27	850	2x3/4"	8,72	4250	2x3/4"	-	0,510	2,22	54	39
M 1000 E	1850	-	-	-	-	-	-	3/6/9	0,510	2,22	54	41
M 1000 A	1850	-	-	-	-	-	-	-	0,510	2,22	54	34
M 1500 P	2700	16,98	750	2x3/4"	13,86	6690	2x3/4"	-	0,765	3,33	55	58
M 1500 E	2775	-	-	-	-	-	-	4/8/12	0,765	3,33	55	62
M 1500 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	50
M 2000 P	3600	23,60	1950	2x3/4"	18,58	4870	2x3/4"	-	1,020	4,44	56	73
M 2000 E	3700	-	-	-	-	-	-	6/12/18	1,020	4,44	56	80
M 2000 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	62
M 2500 P	4500	29,16	3860	2x3/4"	23,18	4030	2x3/4"	-	1,275	5,55	57	79
M 2500 E	4625	-	-	-	-	-	-	6/12/18	1,275	5,55	57	86
M 2500 A	4625	-	-	-	-	-	-	-	1,275	5,55	57	66
M 3000 P	5400	35,78	6790	2x3/4"	28,65	7150	2x3/4"	-	1,530	6,66	58	91
M 3000 E	5550	-	-	-	-	-	-	8/16/24	1,530	6,66	58	99
M 3000 A	5550	-	-	-	-	-	-	-	1,530	6,66	58	76
G 1000 P	2700	13,10	1300	2x3/4"	11,31	6830	2x3/4"	-	0,765	3,33	55	44
G 1000 E	2775	-	-	-	-	-	-	5/10/15	0,765	3,33	55	46
G 1000 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	38
G 1500 P	3600	20,30	1050	2x3/4"	16,72	9410	2x3/4"	-	1,020	4,44	56	64
G 1500 E	3700	-	-	-	-	-	-	7,5/15/22,5	1,020	4,44	56	68
G 1500 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	55

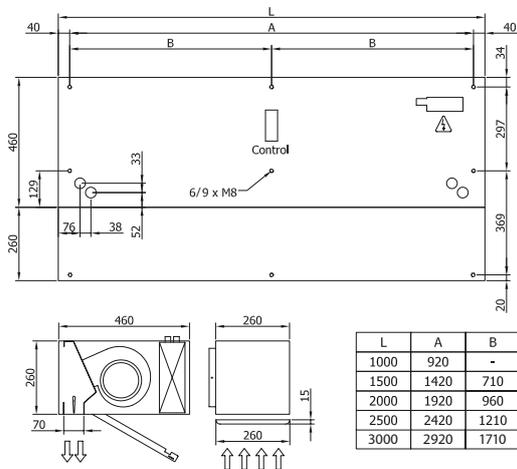


Model	Airflow m ³ /h	Heating capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Water Connection 80/60°C	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Water Connection 60/40°C	Electrical Heating Capacity 3x400V-50Hz kW	Power Fans 230V-50Hz kW	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
G 2000 P	5400	30,40	3320	2x3/4"	24,18	7860	2x3/4"	-	1,530	6,66	57	83
G 2000 E	5550	-	-	-	-	-	-	10/20/30	1,530	6,66	57	90
G 2000 A	5550	-	-	-	-	-	-	-	1,530	6,66	57	72
G 2500 P	6300	36,00	5680	2x3/4"	28,90	6000	2x3/4"	-	1,785	7,77	58	87
G 2500 E	6475	-	-	-	-	-	-	10,7/21,3/32	1,785	7,77	58	96
G 2500 A	6475	-	-	-	-	-	-	-	1,785	7,77	58	76
G 3000 P	7200	42,91	9530	2x3/4"	34,62	10070	2x3/4"	-	2,040	8,88	59	99
G 3000 E	7400	-	-	-	-	-	-	10,7/21,3/32	2,040	8,88	59	109
G 3000 A	7400	-	-	-	-	-	-	-	2,040	8,88	59	86

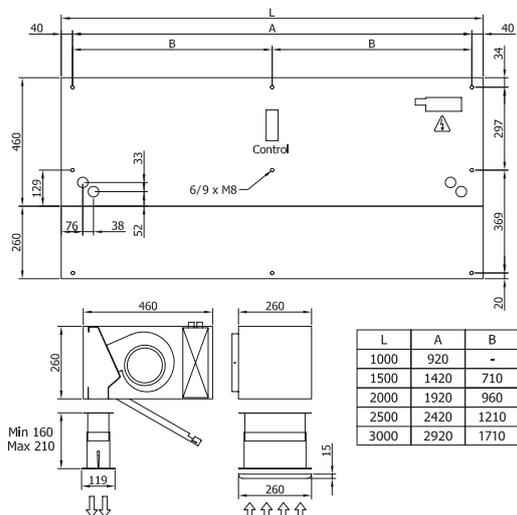
Layouts and dimensions



Free hanging mounting



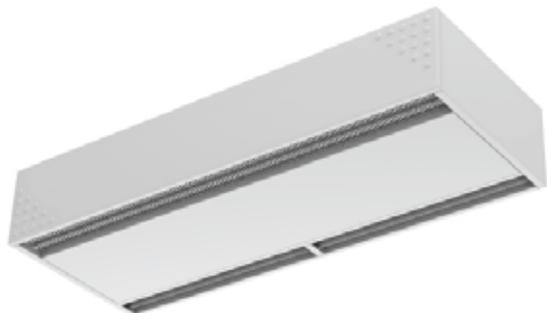
Inside ceiling surface mounting



False ceiling invisible mounting



Characteristics



- Self-supporting casing construction made of galvanized plated steel, finished in structural white RAL 9016 as standard. Other colours or stainless steel construction are available on request.
- The air inlet is located behind the front panel, replacing the traditional front air inlet and filter grille, so eliminating the need for maintenance
- Front panel with option to customise and the possibility of including personalised logos, signs, graphic designs, images, etc...
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided by five speed selection.
- “P” type includes water heated coil. “E” type includes electrical shielded element, three power stages with power switches included. “A” type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Control panel and 20m of telephone cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

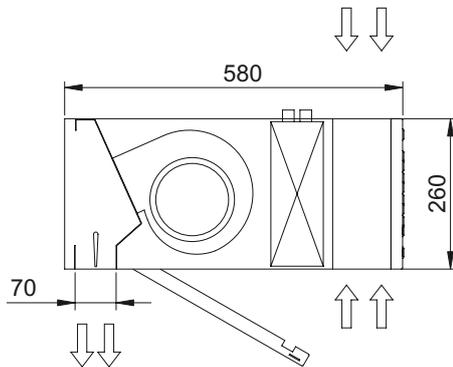
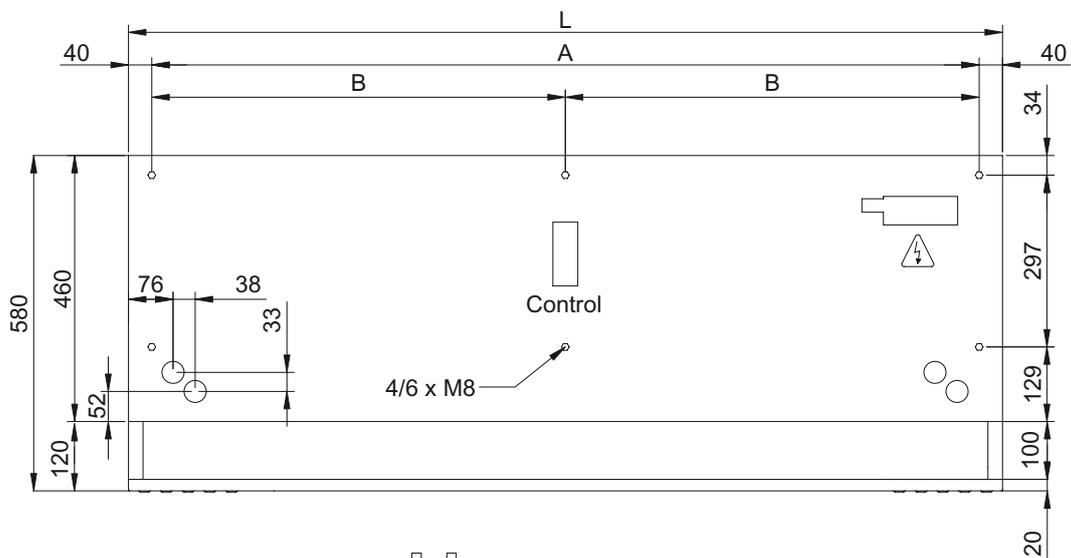
Specifications

Model	Airflow m3/h	Heating capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Water Connection 80/60°C	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Water Connection 60/40°C	Electrical Heating Capacity 3x400V-50Hz kW	Power Fans 230V-50Hz kW	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
DAM S 1000 P	1250	8,53	560	2x3/4"	6,85	2780	2x3/4"	-	0,372	1,68	53	43
DAM S 1000 E	1300	-	-	-	-	-	-	3/6/9	0,372	1,68	53	45
DAM S 1000 A	1300	-	-	-	-	-	-	-	0,372	1,68	53	38
DAM S 1500 P	1875	12,92	500	2x3/4"	10,80	4250	2x3/4"	-	0,558	2,52	54	64
DAM S 1500 E	1950	-	-	-	-	-	-	4/8/12	0,558	2,52	54	68
DAM S 1500 A	1950	-	-	-	-	-	-	-	0,558	2,52	54	56
DAM S 2000 P	2500	18,11	1270	2x3/4"	14,46	3110	2x3/4"	-	0,744	3,36	55	81
DAM S 2000 E	2600	-	-	-	-	-	-	6/12/18	0,744	3,36	55	88
DAM S 2000 A	2600	-	-	-	-	-	-	-	0,744	3,36	55	70
DAM S 2500 P	3125	23,13	2530	2x3/4"	18,10	2600	2x3/4"	-	0,930	4,20	56	89
DAM S 2500 E	3250	-	-	-	-	-	-	6/12/18	0,930	4,20	56	96
DAM S 2500 A	3250	-	-	-	-	-	-	-	0,930	4,20	56	76
DAM S 3000 P	3750	28,39	4440	2x3/4"	21,47	3910	2x3/4"	-	1,116	5,04	57	103
DAM S 3000 E	3900	-	-	-	-	-	-	8/16/24	1,116	5,04	57	111
DAM S 3000 A	3900	-	-	-	-	-	-	-	1,116	5,04	57	88
DAM M 1000 P	1800	10,27	850	2x3/4"	8,72	4250	2x3/4"	-	0,510	2,22	54	43
DAM M 1000 E	1850	-	-	-	-	-	-	3/6/9	0,510	2,22	54	45
DAM M 1000 A	1850	-	-	-	-	-	-	-	0,510	2,22	54	38
DAM M 1500 P	2700	16,98	750	2x3/4"	13,86	6690	2x3/4"	-	0,765	3,33	55	64
DAM M 1500 E	2775	-	-	-	-	-	-	4/8/12	0,765	3,33	55	68
DAM M 1500 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	56
DAM M 2000 P	3600	23,60	1950	2x3/4"	18,58	4870	2x3/4"	-	1,020	4,44	56	81
DAM M 2000 E	3700	-	-	-	-	-	-	6/12/18	1,020	4,44	56	88
DAM M 2000 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	70
DAM M 2500 P	4500	29,16	3860	2x3/4"	23,18	4030	2x3/4"	-	1,275	5,55	57	89
DAM M 2500 E	4625	-	-	-	-	-	-	6/12/18	1,275	5,55	57	96
DAM M 2500 A	4625	-	-	-	-	-	-	-	1,275	5,55	57	76
DAM M 3000 P	5400	35,78	6790	2x3/4"	28,65	7150	2x3/4"	-	1,530	6,66	58	103
DAM M 3000 E	5550	-	-	-	-	-	-	8/16/24	1,530	6,66	58	111
DAM M 3000 A	5550	-	-	-	-	-	-	-	1,530	6,66	58	88
DAM G 1000 P	2700	13,10	1300	2x3/4"	11,31	6830	2x3/4"	-	0,765	3,33	55	48
DAM G 1000 E	2775	-	-	-	-	-	-	5/10/15	0,765	3,33	55	50
DAM G 1000 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	42
DAM G 1500 P	3600	20,30	1050	2x3/4"	16,72	9410	2x3/4"	-	1,020	4,44	56	70
DAM G 1500 E	3700	-	-	-	-	-	-	7,5/15/22,5	1,020	4,44	56	74
DAM G 1500 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	61



Model	Airflow m ³ /h	Heating capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Water Connection 80/60°C	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Water Connection 60/40°C	Electrical Heating Capacity 3x400V-50Hz kW	Power Fans 230V-50Hz kW	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
DAM G 2000 P	5400	30,40	3320	2x3/4"	24,18	7860	2x3/4"	-	1,530	6,66	57	91
DAM G 2000 E	5550	-	-	-	-	-	-	10/20/30	1,530	6,66	57	98
DAM G 2000 A	5550	-	-	-	-	-	-	-	1,530	6,66	57	80
DAM G 2500 P	6300	36,00	5680	2x3/4"	28,90	6000	2x3/4"	-	1,785	7,77	58	97
DAM G 2500 E	6475	-	-	-	-	-	-	10,7/21,3/32	1,785	7,77	58	106
DAM G 2500 A	6475	-	-	-	-	-	-	-	1,785	7,77	58	86
DAM G 3000 P	7200	42,91	9530	2x3/4"	34,62	10070	2x3/4"	-	2,040	8,88	59	111
DAM G 3000 E	7400	-	-	-	-	-	-	10,7/21,3/32	2,040	8,88	59	121
DAM G 3000 A	7400	-	-	-	-	-	-	-	2,040	8,88	59	98

Dimensions



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



Characteristics



- Self-supporting casing construction made of galvanized plated steel, ready to be installed recessed in a false ceiling.
- The inlet grille and blow-out nozzle are integrated in a single white frame, colour RAL 9016. Other colours are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided by five speed selection.
- “P” type includes water heated coil. “E” type includes electrical shielded element, three power stages with power switches included. “A” type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, pitch angle adjustable each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

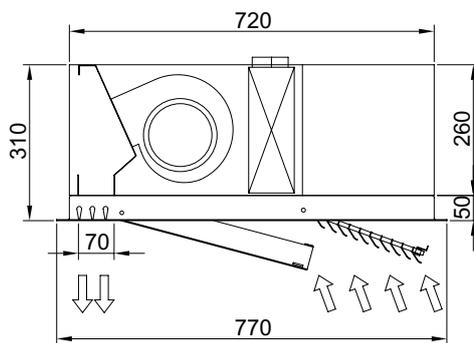
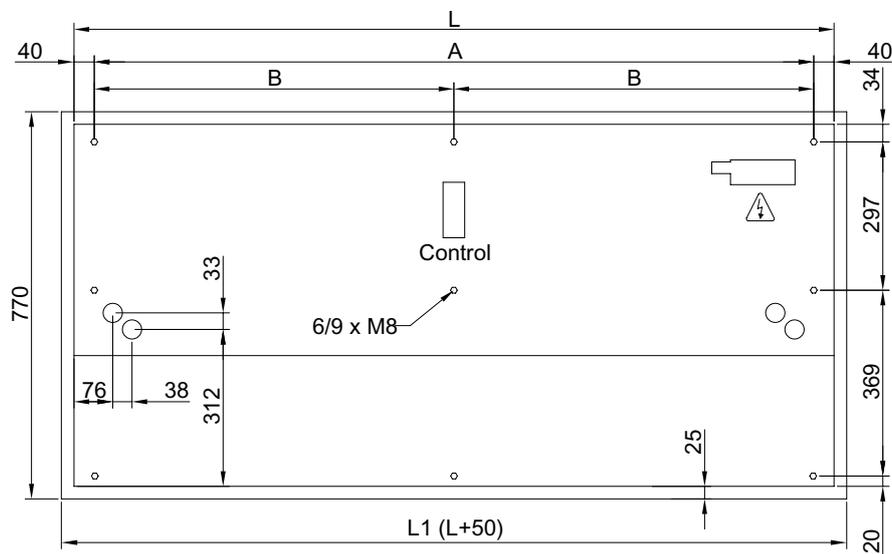
Specifications

Model	Airflow m3/h	Heating Capacity 80/60°C			Water Drop Pressure 80/60°C			Electrical Heating Capacity 3x400V-50Hz			Fans Power 230V-50Hz kW	Fans Current 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
		kW	Pa	Water Connections 80/60°C	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Water Connections 60/40°C	kW						
RS 1000 P	1250	8,53	560	2x3/4"	6,85	2780	2x3/4"	-	0,372	1,68	53	56		
RS 1000 E	1300	-	-	-	-	-	-	3/6/9	0,372	1,68	53	58		
RS 1000 A	1300	-	-	-	-	-	-	-	0,372	1,68	53	51		
RS 1500 P	1875	12,92	500	2x3/4"	10,80	4250	2x3/4"	-	0,558	2,52	54	83		
RS 1500 E	1950	-	-	-	-	-	-	4/8/12	0,558	2,52	54	87		
RS 1500 A	1950	-	-	-	-	-	-	-	0,558	2,52	54	75		
RS 2000 P	2500	18,11	1270	2x3/4"	14,46	3110	2x3/4"	-	0,744	3,36	55	107		
RS 2000 E	2600	-	-	-	-	-	-	6/12/18	0,744	3,36	55	114		
RS 2000 A	2600	-	-	-	-	-	-	-	0,744	3,36	55	96		
RS 2500 P	3125	23,13	2530	2x3/4"	18,10	2600	2x3/4"	-	0,930	4,20	56	121		
RS 2500 E	3250	-	-	-	-	-	-	6/12/18	0,930	4,20	56	128		
RS 2500 A	3250	-	-	-	-	-	-	-	0,930	4,20	56	108		
RS 3000 P	3750	28,39	4440	2x3/4"	21,47	3910	2x3/4"	-	1,116	5,04	57	135		
RS 3000 E	3900	-	-	-	-	-	-	8/16/24	1,116	5,04	57	142		
RS 3000 A	3900	-	-	-	-	-	-	-	1,116	5,04	57	122		
RM 1000 P	1800	10,27	850	2x3/4"	8,72	4250	2x3/4"	-	0,510	2,22	54	56		
RM 1000 E	1850	-	-	-	-	-	-	3/6/9	0,510	2,22	54	58		
RM 1000 A	1850	-	-	-	-	-	-	-	0,510	2,22	54	51		
RM 1500 P	2700	16,98	750	2x3/4"	13,86	6690	2x3/4"	-	0,765	3,33	55	83		
RM 1500 E	2775	-	-	-	-	-	-	4/8/12	0,765	3,33	55	87		
RM 1500 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	75		
RM 2000 P	3600	23,60	1950	2x3/4"	18,58	4870	2x3/4"	-	1,020	4,44	56	107		
RM 2000 E	3700	-	-	-	-	-	-	6/12/18	1,020	4,44	56	114		
RM 2000 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	96		
RM 2500 P	4500	29,16	3860	2x3/4"	23,18	4030	2x3/4"	-	1,275	5,55	57	121		
RM 2500 E	4625	-	-	-	-	-	-	6/12/18	1,275	5,55	57	128		
RM 2500 A	4625	-	-	-	-	-	-	-	1,275	5,55	57	108		
RM 3000 P	5400	35,78	6790	2x3/4"	28,65	7150	2x3/4"	-	1,530	6,66	58	135		
RM 3000 E	5550	-	-	-	-	-	-	8/16/24	1,530	6,66	58	142		
RM 3000 A	5550	-	-	-	-	-	-	-	1,530	6,66	58	122		
RG 1000 P	2700	13,10	1300	2x3/4"	11,31	6830	2x3/4"	-	0,765	3,33	55	61		
RG 1000 E	2775	-	-	-	-	-	-	5/10/15	0,765	3,33	55	63		
RG 1000 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	55		
RG 1500 P	3600	20,30	1050	2x3/4"	16,72	9410	2x3/4"	-	1,020	4,44	56	89		
RG 1500 E	3700	-	-	-	-	-	-	7,5/15/22,5	1,020	4,44	56	93		
RG 1500 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	80		



Model	Airflow m ³ /h	Heating capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Water Connection 80/60°C	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Water Connection 60/40°C	Electrical Heating Capacity 3x400V-50Hz kW	Power Fans 230V-50Hz kW	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
RG 2000 P	5400	30,40	3320	2x3/4"	24,18	7860	2x3/4"	-	1,530	6,66	57	117
RG 2000 E	5550	-	-	-	-	-	-	10,7/20/30	1,530	6,66	57	124
RG 2000 A	5550	-	-	-	-	-	-	-	1,530	6,66	57	106
RG 2500 P	6300	36,00	5680	2x3/4"	28,90	6000	2x3/4"	-	1,785	7,77	58	129
RG 2500 E	6475	-	-	-	-	-	-	10,7/21,3/32	1,785	7,77	58	138
RG 2500 A	6475	-	-	-	-	-	-	-	1,785	7,77	58	118
RG 3000 P	7200	42,91	9530	2x3/4"	34,62	10070	2x3/4"	-	2,040	8,88	59	149
RG 3000 E	7400	-	-	-	-	-	-	10,7/21,3/32	2,040	8,88	59	158
RG 3000 A	7400	-	-	-	-	-	-	-	2,040	8,88	59	138

Dimensions



	L	L1	A	B
Recessed Windbox 1000	1000	1050	920	-
Recessed Windbox 1500	1500	1550	1420	710
Recessed Windbox 2000	2000	2050	1920	960
Recessed Windbox 2500	2500	2550	2420	1210
Recessed Windbox 3000	3000	3050	2920	1460



Characteristics

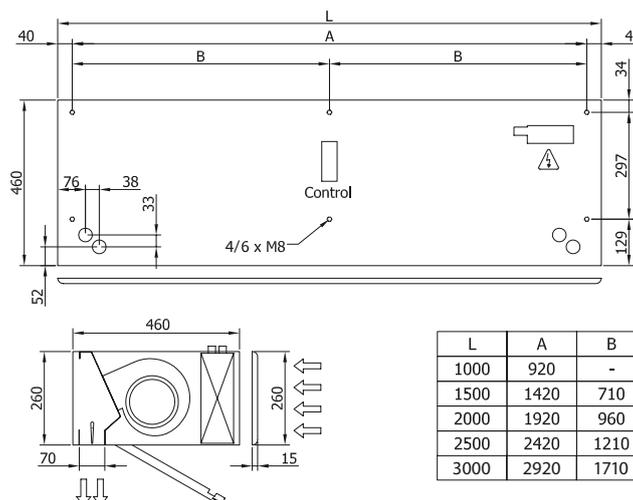


- Equipped with EC-fans of low consume that save up to 60% of the energy without decreasing the airflow.
- Self-supporting casing construction made of galvanized plated steel, finished in structural epoxy-polyester RAL 9016 as standard. Other colours or stainless steel construction are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided by five speed selection.
- Micro-perforated inlet grille with filter functions makes unnecessary an intensive filter servicing, only has to be periodically wiped or vacuumed.
- "P" type includes water heated coil. "E" type includes electrical shielded element, three power stages with power switches included. "A" type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

Specifications

Model	Airflow m3/h	Heating Capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Water Connections 80/60°C	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Water Connections 60/40°C	Electrical Heating Capacity 3x400V-50Hz kW	Fans Power 230V-50Hz kW	Fans Current 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
WEC 1000 A	2700	-	-	-	-	-	-	-	0,279	1,86	55	38
WEC 1000 P86	2610	12,85	1260	2x3/4"	-	-	-	-	0,279	1,86	55	44
WEC 1000 P64	2610	-	-	-	11,06	6530	2x3/4"	-	0,279	1,86	55	44
WEC 1000 E	2700	-	-	-	-	-	-	3/6/9	0,279	1,86	55	46
WEC 1500 A	3600	-	-	-	-	-	-	-	0,372	2,48	56	55
WEC 1500 P86	3480	18,71	1010	2x3/4"	-	-	-	-	0,372	2,48	56	64
WEC 1500 P64	3480	-	-	-	16,35	9010	2x3/4"	-	0,372	2,48	56	64
WEC 1500 E	3600	-	-	-	-	-	-	4/8/12	0,372	2,48	56	68
WEC 2000 A	5400	-	-	-	-	-	-	-	0,558	3,72	57	72
WEC 2000 P86	5220	28,52	2950	2x3/4"	-	-	-	-	0,558	3,72	57	83
WEC 2000 P64	5220	-	-	-	23,64	7520	2x3/4"	-	0,558	3,72	57	83
WEC 2000 E	5400	-	-	-	-	-	-	6/12/18	0,558	3,72	57	90
WEC 2500 A	6300	-	-	-	-	-	-	-	0,651	4,34	58	76
WEC 2500 P86	6090	35,32	5500	2x3/4"	-	-	-	-	0,651	4,34	58	87
WEC 2500 P64	6090	-	-	-	28,35	5810	2x3/4"	-	0,651	4,34	58	87
WEC 2500 E	6300	-	-	-	-	-	-	6/12/18	0,651	4,34	58	96
WEC 3000 A	7200	-	-	-	-	-	-	-	0,744	4,96	59	86
WEC 3000 P86	6960	42,06	9170	2x3/4"	-	-	-	-	0,744	4,96	59	97
WEC 3000 P64	6960	-	-	-	33,95	9740	2x3/4"	-	0,744	4,96	59	97
WEC 3000 E	7200	-	-	-	-	-	-	8/16/24	0,744	4,96	59	106

Dimensions





Characteristics

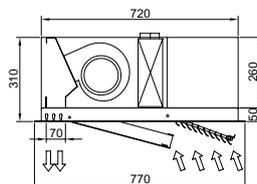
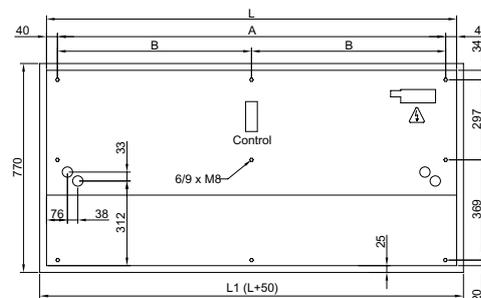


- Equipped with EC-fans of low consume that save up to 60% of the energy without decreasing the airflow.
- Self-supporting casing construction made of galvanized plated steel, ready to be installed recessed in a false ceiling.
- The inlet grille and blow-out nozzle are integrated in a single white frame, colour RAL 9016. Other colours are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided by five speed selection.
- "P" type includes water heated coil. "E" type includes electrical shielded element, three power stages with power switches included. "A" type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, pitch angle adjustable each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

Specifications

Model	Airflow m3/h	Heating Capacity	Water Drop Pressure	Water Connections	Heating Capacity	Water Drop Pressure	Water Connections	Electrical Heating Capacity	Fans Power	Fans Current	Noise Level (5 m)	Weight kg
		80/60°C kW	80/60°C Pa	80/60°C	60/40°C kW	60/40°C Pa	60/40°C	3x400V-50Hz kW	230V-50Hz kW	230V-50Hz A	dB(A)	
REC 1000 A	2700	-	-	-	-	-	-	-	0,279	1,86	55	55
REC 1000 P86	2610	12,85	1260	2x3/4"	-	-	-	-	0,279	1,86	55	61
REC 1000 P64	2610	-	-	-	11,06	6530	2x3/4"	-	0,279	1,86	55	61
REC 1000 E	2700	-	-	-	-	-	-	3/6/9	0,279	1,86	55	63
REC 1500 A	3600	-	-	-	-	-	-	-	0,372	2,48	56	80
REC 1500 P86	3480	18,71	1010	2x3/4"	-	-	-	-	0,372	2,48	56	89
REC 1500 P64	3480	-	-	-	16,35	9010	2x3/4"	-	0,372	2,48	56	89
REC 1500 E	3600	-	-	-	-	-	-	4/8/12	0,372	2,48	56	93
REC 2000 A	5400	-	-	-	-	-	-	-	0,558	3,72	57	106
REC 2000 P86	5220	28,52	2950	2x3/4"	-	-	-	-	0,558	3,72	57	117
REC 2000 P64	5220	-	-	-	23,64	7520	2x3/4"	-	0,558	3,72	57	117
REC 2000 E	5400	-	-	-	-	-	-	6/12/18	0,558	3,72	57	124
REC 2500 A	6300	-	-	-	-	-	-	-	0,651	4,34	58	118
REC 2500 P86	6090	35,32	5500	2x3/4"	-	-	-	-	0,651	4,34	58	129
REC 2500 P64	6090	-	-	-	28,35	5810	2x3/4"	-	0,651	4,34	58	129
REC 2500 E	6300	-	-	-	-	-	-	6/12/18	0,651	4,34	58	138
REC 3000 A	7200	-	-	-	-	-	-	-	0,744	4,96	59	138
REC 3000 P86	6960	42,06	9170	2x3/4"	-	-	-	-	0,744	4,96	59	149
REC 3000 P64	6960	-	-	-	33,95	9740	2x3/4"	-	0,744	4,96	59	149
REC 3000 E	7200	-	-	-	-	-	-	8/16/24	0,744	4,96	59	158

Dimensions



L	L1	A	B
1000	1050	920	-
1500	1550	1420	710
2000	2050	1920	960
2500	2550	2420	1210
3000	3050	2920	1460



Characteristics



- Self-supporting casing construction made of galvanized plated steel, finished in structural epoxy-polyester RAL 9016 as standard. Other colours or stainless steel construction are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided by five speed selection.
- Perforated inlet grille with filter functions makes unnecessary an intensive filter servicing, only has to be periodically wiped or vacuumed
- "P" type includes water heated coil. "E" type includes electrical shielded element, three power stages with power switches included. "A" type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

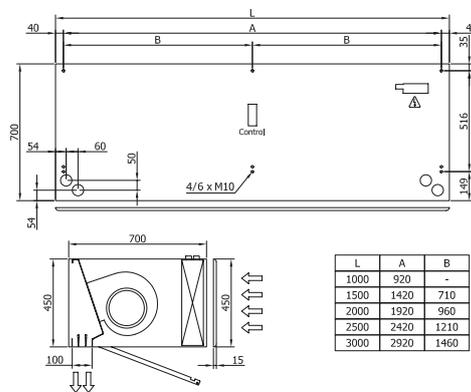
Specifications

Model	Airflow m ³ /h	Heating Capacity	Water Drop Pressure	Water Connection	Heating Capacity	Water Drop Pressure	Water Connection	Electrical Heating Capacity	Fans Power	Fans Current	Noise Level	Weight kg
		80/60°C kW	80/60°C Pa	80/60°C	60/40°C kW	60/40°C Pa	60/40°C	3x400V-50Hz kW	230V-50Hz kW	230V-50Hz A	(5 m) dB(A)	
B 1000 P	4000	21,30	1520	2x1"	17,00	2300	2x1"	-	0,88	4	55	64
B 1000 E	4500	-	-	-	-	-	-	8,1/10,9/19	0,88	4	55	65
B 1000 A	4500	-	-	-	-	-	-	-	0,88	4	55	51
B 1500 P	6000	35,80	820	2x1"	27,10	3000	2x1"	-	1,32	6	57	87
B 1500 E	6750	-	-	-	-	-	-	11,5/15,5/27	1,32	6	57	92
B 1500 A	6750	-	-	-	-	-	-	-	1,32	6	57	72
B 2000 P	8000	48,70	2010	2x1½"	37,10	3400	2x1½"	-	1,76	8	58	111
B 2000 E	9000	-	-	-	-	-	-	16/22/38	1,76	8	58	117
B 2000 A	9000	-	-	-	-	-	-	-	1,76	8	58	92
B 2500 P	10000	61,20	4170	2x1½"	47,30	4400	2x1½"	-	2,20	10	60	138
B 2500 E	11250	-	-	-	-	-	-	18/30/48	2,20	10	60	146
B 2500 A	11250	-	-	-	-	-	-	-	2,20	10	60	113
B 3000 P	12000	72,80	7430	2x1½"	58,60	7860	2x1½"	-	2,64	12	62	166
B 3000 E	13500	-	-	-	-	-	-	24/36/60	2,64	12	62	173
B 3000 A	13500	-	-	-	-	-	-	-	2,64	12	62	133
L 1000 P	5000	24,40	1980	2x1"	19,60	3000	2x1"	-	1,14	5,2	57	69
L 1000 E	5500	-	-	-	-	-	-	10/15/25	1,14	5,2	57	70
L 1000 A	5500	-	-	-	-	-	-	-	1,14	5,2	57	56
L 1500 P	7500	41,00	1050	2x1"	31,20	3900	2x1"	-	1,71	7,8	58	94
L 1500 E	8250	-	-	-	-	-	-	15/22,5/37,5	1,71	7,8	58	99
L 1500 A	8250	-	-	-	-	-	-	-	1,71	7,8	58	79
L 2000 P	10000	55,70	2660	2x1½"	42,50	4310	2x1½"	-	2,28	10,4	61	121
L 2000 E	11000	-	-	-	-	-	-	20/30/50	2,28	10,4	61	127
L 2000 A	11000	-	-	-	-	-	-	-	2,28	10,4	61	102
L 2500 P	12500	70,20	5440	2x1½"	54,60	5750	2x1½"	-	2,85	13	62	151
L 2500 E	13750	-	-	-	-	-	-	24/36/60	2,85	13	62	159
L 2500 A	13750	-	-	-	-	-	-	-	2,85	13	62	125
L 3000 P	15000	83,50	9600	2x1½"	67,70	10300	2x1½"	-	3,42	15,6	63	181
L 3000 E	16500	-	-	-	-	-	-	24/36/60	3,42	15,6	63	188
L 3000 A	16500	-	-	-	-	-	-	-	3,42	15,6	63	148
XL 1000 P	6400	28,02	2540	2x1"	22,77	3960	2x1"	-	2,20	9,56	59	94
XL 1000 E	7000	-	-	-	-	-	-	10/15/25	2,20	9,56	59	95
XL 1000 E37	7000	-	-	-	-	-	-	15/22,5/37,5	2,20	9,56	59	95
XL 1000 A	7000	-	-	-	-	-	-	-	2,20	9,56	59	81
XL 1500 P	9600	42,69	1380	2x1"	36,43	5200	2x1"	-	3,30	14,64	60	125
XL 1500 E	10500	-	-	-	-	-	-	15/22,5/37,5	3,30	14,34	60	130
XL 1500 E50	10500	-	-	-	-	-	-	20/30/50	3,30	14,34	60	130
XL 1500 A	10500	-	-	-	-	-	-	-	3,30	14,34	60	110

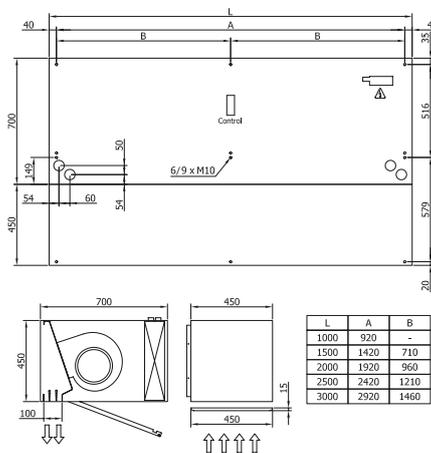


Model	Airflow m ³ /h	Heating capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Water Connection 80/60°C	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Water Connection 60/40°C	Electrical Heating Capacity 3x400V-50Hz kW	Power Fans 230V-50Hz kW	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
XL 2000 P	12800	60,87	3570	2x1¼"	50,02	5960	2x1¼"	-	4,40	19,12	63	156
XL 2000 E	14000	-	-	-	-	-	-	20/30/50	4,40	19,12	63	162
XL 2000 E60	14000	-	-	-	-	-	-	24/36/60	4,40	19,12	63	162
XL 2000 A	14000	-	-	-	-	-	-	-	4,40	19,12	63	137
XL 2500 P	16000	78,75	7240	2x1¼"	63,77	7700	2x1¼"	-	5,50	23,90	64	191
XL 2500 E	17500	-	-	-	-	-	-	24/36/60	5,50	23,90	64	199
XL 2500 E74	17500	-	-	-	-	-	-	27,8/46,4/74,2	5,50	23,90	64	199
XL 2500 A	17500	-	-	-	-	-	-	-	5,50	23,90	64	166
XL 3000 P	19200	96,89	12880	2x1½"	79,24	14020	2x1½"	-	6,60	28,68	66	227
XL 3000 E	21000	-	-	-	-	-	-	24/36/60	6,60	28,68	66	234
XL 3000 E93	21000	-	-	-	-	-	-	34,8/58,2/93	6,60	28,68	66	234
XL 3000 A	21000	-	-	-	-	-	-	-	6,60	28,68	66	194

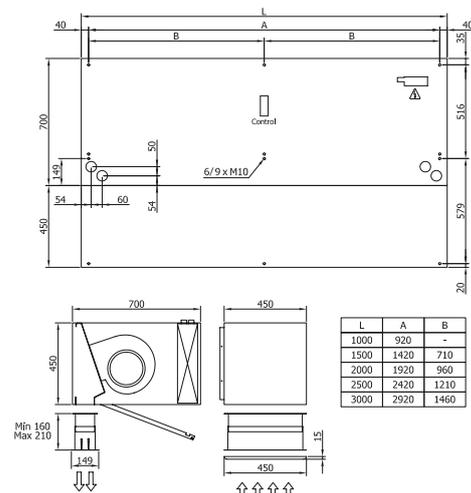
Layouts and dimensions



Free hanging mounting



Inside ceiling surface mounting



False ceiling invisible mounting



Characteristics



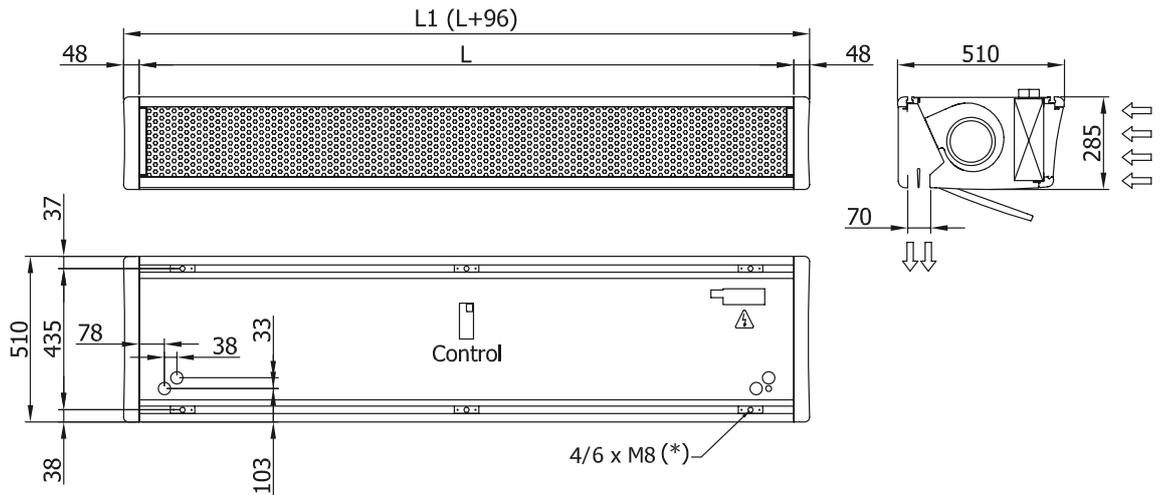
- Structure made of aluminium profiles and galvanized plated steel panels, finished in structural epoxy-polyester white RAL 9016 or silver grey RAL 9006 as standard. Other colours are available on request.
- Low noise centrifugal double inlet fans driven by external rotor motor with built in thermal protection contact. Provided by five speed selection.
- Micro-perforated inlet grille with filter functions makes unnecessary an intensive filter servicing, only has to be periodically wiped or vacuumed.
- "P" type includes water heated coil.
"E" type includes electrical shielded element, three power stages with power switches included.
"A" type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

Specifications

Model	Air Flow m3/h	Water Heating Capacity	Water Drop Pressure	Water Connections	Water Heating Capacity	Water Drop Pressure	Water Connections	Electrical Heating Capacity	Fans Power Input	Fans Current	Noise Level (5 m)	Weight kg
		80/60°C kW	80/60°C Pa	80/60°C	60/40°C kW	60/40°C Pa	60/40°C	3x400V-50Hz kW	230V-50Hz kW	230V-50Hz A	dB(A)	
DS 1000 P	1250	8,53	560	2x3/4"	6,85	2780	2x3/4"	-	0,372	1,68	53	41
DS 1000 E	1300	-	-	-	-	-	-	3/6/9	0,372	1,68	53	43
DS 1000 A	1300	-	-	-	-	-	-	-	0,372	1,68	53	36
DS 1500 P	1875	12,92	500	2x3/4"	10,80	4250	2x3/4"	-	0,558	2,52	54	61
DS 1500 E	1950	-	-	-	-	-	-	4/8/12	0,558	2,52	54	65
DS 1500 A	1950	-	-	-	-	-	-	-	0,558	2,52	54	53
DS 2000 P	2500	18,11	1270	2x3/4"	14,46	3110	2x3/4"	-	0,744	3,36	55	77
DS 2000 E	2600	-	-	-	-	-	-	6/12/18	0,744	3,36	55	84
DS 2000 A	2600	-	-	-	-	-	-	-	0,744	3,36	55	66
DS 2500 P	3125	23,13	2530	2x3/4"	18,10	2600	2x3/4"	-	0,930	4,20	56	84
DS 2500 E	3250	-	-	-	-	-	-	6/12/18	0,930	4,20	56	91
DS 2500 A	3250	-	-	-	-	-	-	-	0,930	4,20	56	71
DM 1000 P	1800	10,27	850	2x3/4"	8,72	4250	2x3/4"	-	0,510	2,22	54	41
DM 1000 E	1850	-	-	-	-	-	-	3/6/9	0,510	2,22	54	43
DM 1000 A	1850	-	-	-	-	-	-	-	0,510	2,22	54	36
DM 1500 P	2700	16,98	750	2x3/4"	13,86	6690	2x3/4"	-	0,765	3,33	55	61
DM 1500 E	2775	-	-	-	-	-	-	4/8/12	0,765	3,33	55	65
DM 1500 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	53
DM 2000 P	3600	23,60	1950	2x3/4"	18,58	4870	2x3/4"	-	1,020	4,44	56	77
DM 2000 E	3700	-	-	-	-	-	-	6/12/18	1,020	4,44	56	84
DM 2000 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	66
DM 2500 P	4500	29,16	3860	2x3/4"	23,18	4030	2x3/4"	-	1,275	5,55	57	84
DM 2500 E	4625	-	-	-	-	-	-	6/12/18	1,275	5,55	57	81
DM 2500 A	4625	-	-	-	-	-	-	-	1,275	5,55	57	91
DG 1000 P	2700	13,10	1300	2x3/4"	11,31	6830	2x3/4"	-	0,765	3,33	55	46
DG 1000 E	2775	-	-	-	-	-	-	5/10/15	0,765	3,33	55	48
DG 1000 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	40
DG 1500 P	3600	20,30	1050	2x3/4"	16,72	9410	2x3/4"	-	1,020	4,44	56	67
DG 1500 E	3700	-	-	-	-	-	-	7,5/15/22,5	1,020	4,44	56	71
DG 1500 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	58
DG 2000 P	5400	30,40	3320	2x3/4"	24,18	7860	2x3/4"	-	1,530	6,66	57	87
DG 2000 E	5550	-	-	-	-	-	-	10/20/30	1,530	6,66	57	94
DG 2000 A	5550	-	-	-	-	-	-	-	1,530	6,66	57	76
DG 2500 P	6300	36,00	5680	2x3/4"	28,90	6000	2x3/4"	-	1,785	7,77	58	92
DG 2500 E	6475	-	-	-	-	-	-	10,7/21,3/32	1,785	7,77	58	101
DG 2500 A	6475	-	-	-	-	-	-	-	1,785	7,77	58	81



Dimensions



	L	L1
Deco 1000	1000	1096
Deco 1500	1500	1596
Deco 2000	2000	2096
Deco 2500	2500	2596

Details



Joining two units



(*) Adjustable fixing points through guide rail



Different colour finishes



Characteristics



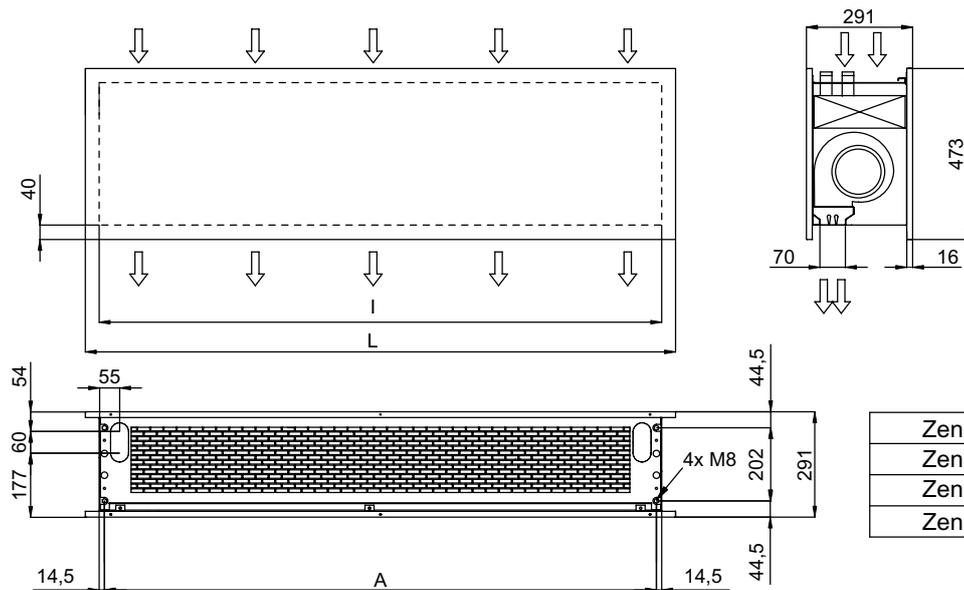
- Decorative air curtain in contemporary architectural style. Its minimalist and smart design integrates in any environment and we offer the option to customise, meeting our clients need.
- Central structure made of zinc plated steel finished in RAL 9913 black forge as standard. Other colours available on request.
- Front panels are anodized aluminium or zinc plated steel finished in RAL 9913 as standard. Options for stainless steel and gloss, matt or brushed paint finishes. Other materials are possible as wood, metal stressed finish etc... We can include personalised logos, signs, graphic designs, etc...
- Double inlet centrifugal fans with external rotor motors, with built-in thermal protection contact, provided by five speed selection. Very low noise level.
- "P" type includes water heated coil (80/60°C or 60/40°C). "E" types includes electrical element with three power stages. "A" type is unheated, air only.
- Anodised aluminium double blow-out vanes, airfoil shaped. Both sides adjustable discharge pitch angle.
- Control panel and 20m cable with fast connectors type RJ45 (Plug & Play), included. Optional: interface to connect to BMS, PLC, DDC...

Specifications

Model	Airflow m ³ /h	Water Heating Capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Water Connections 80/60°C	Water Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Water Connections 60/40°C	Electrical Heating Capacity 3x400V-50Hz kW	Fans Power Input 230V-50Hz kW	Fans Current 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
ZEN M 1000 P	1875	10,52	890	2x3/4"	9,04	4450	2x3/4"	-	0,591	2,58	54	37
ZEN M 1000 E	1950	-	-	-	-	-	-	3/6/9	0,591	2,58	54	40
ZEN M 1000 A	1950	-	-	-	-	-	-	-	0,591	2,58	54	32
ZEN M 1500 P	2500	16,14	700	2x3/4"	13,28	6390	2x3/4"	-	0,788	3,44	55	53
ZEN M 1500 E	2600	-	-	-	-	-	-	4/8/12	0,788	3,44	55	58
ZEN M 1500 A	2600	-	-	-	-	-	-	-	0,788	3,44	55	46
ZEN M 2000 P	3750	24,22	2020	2x3/4"	19,11	5140	2x3/4"	-	1,182	5,16	56	71
ZEN M 2000 E	3900	-	-	-	-	-	-	6/12/18	1,182	5,16	56	77
ZEN M 2000 A	3900	-	-	-	-	-	-	-	1,182	5,16	56	62
ZEN M 2500 P	4375	28,66	3750	2x3/4"	22,80	3930	2x3/4"	-	1,379	6,02	57	86
ZEN M 2500 E	4550	-	-	-	-	-	-	6/12/18	1,379	6,02	57	94
ZEN M 2500 A	4550	-	-	-	-	-	-	-	1,379	6,02	57	75
ZEN G 1000 P	2700	13,10	1300	2x3/4"	11,31	6850	2x3/4"	-	0,765	3,33	55	40
ZEN G 1000 E	2775	-	-	-	-	-	-	5/10/15	0,765	3,33	55	43
ZEN G 1000 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	36
ZEN G 1500 P	3600	20,30	1050	2x3/4"	16,72	9410	2x3/4"	-	1,020	4,44	56	57
ZEN G 1500 E	3700	-	-	-	-	-	-	7,5/15/22,5	1,020	4,44	56	62
ZEN G 1500 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	50
ZEN G 2000 P	5400	30,40	3320	2x3/4"	24,18	7860	2x3/4"	-	1,530	6,66	57	78
ZEN G 2000 E	5550	-	-	-	-	-	-	10/20/30	1,530	6,66	57	85
ZEN G 2000 A	5550	-	-	-	-	-	-	-	1,530	6,66	57	69
ZEN G 2500 P	6300	36,03	5700	2x3/4"	28,94	6020	2x3/4"	-	1,785	7,77	58	95
ZEN G 2500 E	6475	-	-	-	-	-	-	10,7/21,3/32	1,785	7,77	58	103
ZEN G 2500 A	6475	-	-	-	-	-	-	-	1,785	7,77	58	83



Dimensions



	L	I	A
Zen 1000	1220	1140	1115
Zen 1500	1620	1544	1515
Zen 2000	2120	2044	2015
Zen 2500	2620	2544	2515

Custom Finishes

- Painted any RAL colour or metallic
- Different materials: aluminium, stainless steel AISI 304 (brushed or polished), wood, glass, PVC/PES, etc...
- Logos, lights, clocks, signs, vinyls, patterns, etc...



Examples of customized front panels, to meet client needs





Characteristics



- Decorative round air curtain for vertical or horizontal installation.
- Self-supporting casing construction made of galvanized plated steel, finished in structural epoxy-polyester white RAL 9016 or silver grey RAL 9006 as standard. Other colours or stainless steel construction are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided with five speed selection.
- “P” type includes water heated coil. “E” type includes electrical shielded element, three power stages with power switches included. “A” type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.
- Ceiling, wall and floor support (tailor-made) options available.

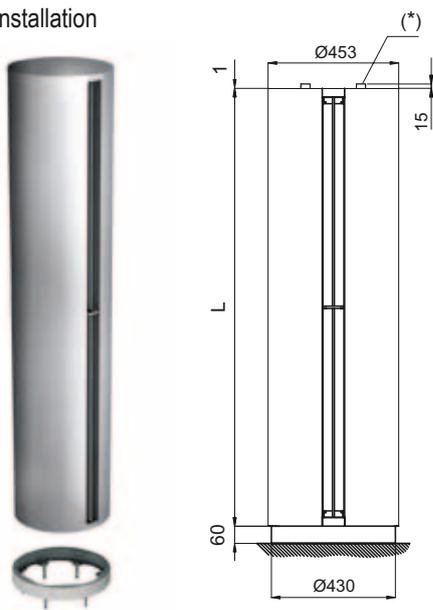
Specifications

Model	Airflow m3/h	Heating Capacity 80/60°C	Water Drop Pressure 80/60°C	Water Connections 80/60°C	Heating Capacity 60/40°C	Water Drop Pressure 60/40°C	Water Connections 60/40°C	Electrical Heating Capacity 3x400V-50Hz	Fans Power 230V-50Hz	Fans Current 230V-50Hz	Noise Level (5 m)	Weight kg
		kW	Pa		kW	Pa		kW	kW	A	dB(A)	
RUND M 1000 P	1875	10,52	890	2x3/4"	9,04	4450	2x3/4"	-	0,558	2,52	54	47
RUND M 1000 E	1950	-	-	-	-	-	-	3/6/9	0,558	2,52	54	49
RUND M 1000 A	1950	-	-	-	-	-	-	-	0,558	2,52	54	42
RUND M 1500 P	2500	16,14	700	2x3/4"	13,28	6390	2x3/4"	-	0,744	3,36	55	71
RUND M 1500 E	2600	-	-	-	-	-	-	4/8/12	0,744	3,36	55	75
RUND M 1500 A	2600	-	-	-	-	-	-	-	0,744	3,36	55	63
RUND M 2000 P	3750	24,22	2020	2x3/4"	19,11	5140	2x3/4"	-	1,116	5,04	56	90
RUND M 2000 E	3900	-	-	-	-	-	-	6/12/18	1,116	5,04	56	97
RUND M 2000 A	3900	-	-	-	-	-	-	-	1,116	5,04	56	79
RUND M 2500 P	4375	28,66	3750	2x3/4"	22,80	3930	2x3/4"	-	1,302	5,88	57	101
RUND M 2500 E	4550	-	-	-	-	-	-	6/12/18	1,302	5,88	57	108
RUND M 2500 A	4550	-	-	-	-	-	-	-	1,302	5,88	57	88
RUND M 3000 P	5000	34,08	6220	2x3/4"	27,23	6510	2x3/4"	-	1,488	6,72	58	112
RUND M 3000 E	5200	-	-	-	-	-	-	8/16/24	1,488	6,72	58	119
RUND M 3000 A	5200	-	-	-	-	-	-	-	1,488	6,72	58	99
RUND G 1000 P	2700	13,10	1300	2x3/4"	11,31	6850	2x3/4"	-	0,765	3,33	55	52
RUND G 1000 E	2775	-	-	-	-	-	-	5/10/15	0,765	3,33	55	54
RUND G 1000 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	46
RUND G 1500 P	3600	20,30	1050	2x3/4"	16,72	9410	2x3/4"	-	1,020	4,44	56	77
RUND G 1500 E	3700	-	-	-	-	-	-	7,5/15/22,5	1,020	4,44	56	81
RUND G 1500 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	68
RUND G 2000 P	5400	30,40	3320	2x3/4"	24,18	7860	2x3/4"	-	1,530	6,66	57	100
RUND G 2000 E	5550	-	-	-	-	-	-	10/20/30	1,530	6,66	57	107
RUND G 2000 A	5550	-	-	-	-	-	-	-	1,530	6,66	57	89
RUND G 2500 P	6300	36,03	5700	2x3/4"	28,94	6020	2x3/4"	-	1,785	7,77	58	109
RUND G 2500 E	6475	-	-	-	-	-	-	10,7/21,3/32	1,785	7,77	58	118
RUND G 2500 A	6475	-	-	-	-	-	-	-	1,785	7,77	58	98
RUND G 3000 P	7200	42,94	9540	2x3/4"	34,63	10100	2x3/4"	-	2,040	8,88	59	119
RUND G 3000 E	7400	-	-	-	-	-	-	10,7/21,3/32	2,040	8,88	59	128
RUND G 3000 A	7400	-	-	-	-	-	-	-	2,040	8,88	59	108



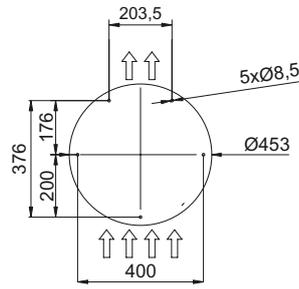
Layouts and dimensions

Vertical installation

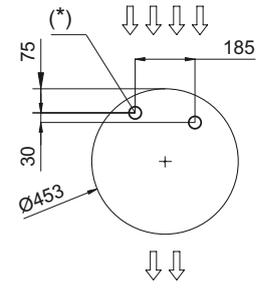
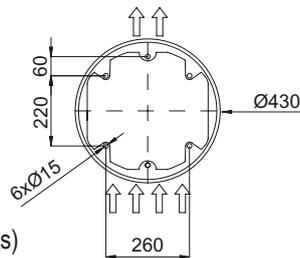


(*) IN/OUT Water pipes connection (in water heated units)

Floor fixing points without foot



Floor fixing points with foot



	L
RUND 1000	1025
RUND 1500	1525
RUND 2000	2030
RUND 2500	2530
RUND 3000	2980

Horizontal installation



Ceiling fixation through threaded rods



Wall/ceiling fixation through arms



Wall/ceiling fixation through angle supports



Wall fixation through lateral arms



Floor fixation (goalpost)



Characteristics



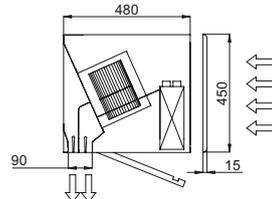
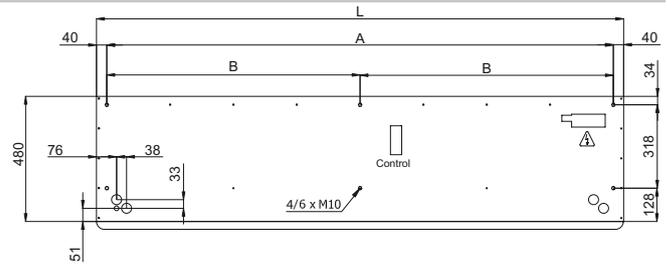
- 2 outlet jets available. It reduces the energy loss as it only warms the air of the inner jet.
- Self-supporting casing construction made of galvanized plated steel, finished in structural epoxy-polyester RAL 9016 as standard. Other colours or stainless steel construction are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided by five speed selection.
- Micro-perforated inlet grille with filter functions makes unnecessary an intensive filter servicing, only has to be periodically wiped or vacuumed
- “P” type includes water heated coils. “E” type includes electrical shielded elements, three power stages with power switches included.
- Anodised aluminium blow-out vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Control panel and 20m of telephone cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

Specifications

Model	Airflow m3/h	Heating Capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Water Connections 80/60°C	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Water Connections 60/40°C	Electrical Heating Capacity 3x400V-50Hz kW	Fans Power 230V-50Hz kW	Fans Current 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
DUO M 1000 P86	1875	6,70	380	2x3/4"	-	-	-	-	0,56	2,50	54	64
DUO M 1000 P64	1875	-	-	-	5,60	1820	2x3/4"	-	0,56	2,50	54	64
DUO M 1000 E	1950	-	-	-	-	-	-	3/6/9	0,56	2,50	54	65
DUO M 1500 P86	3125	11,20	420	2x3/4"	-	-	-	-	0,93	4,20	56	87
DUO M 1500 P64	3125	-	-	-	9,50	3400	2x3/4"	-	0,93	4,20	56	87
DUO M 1500 E	3250	-	-	-	-	-	-	4/8/12	0,93	4,20	56	92
DUO M 2000 P86	4375	16,40	1090	2x3/4"	-	-	-	-	1,30	5,85	57	111
DUO M 2000 P64	4375	-	-	-	13,15	2640	2x3/4"	-	1,30	5,85	57	111
DUO M 2000 E	4550	-	-	-	-	-	-	6/12/18	1,30	5,85	57	117
DUO M 2500 P86	5625	21,60	2230	2x3/4"	-	-	-	-	1,49	6,82	58	138
DUO M 2500 P64	5625	-	-	-	16,80	2270	2x3/4"	-	1,49	6,82	58	138
DUO M 2500 E	5850	-	-	-	-	-	-	6/12/18	1,49	6,82	58	146
DUO G 1000 P86	2700	8,50	620	2x3/4"	-	-	-	-	0,76	3,33	55	69
DUO G 1000 P64	2700	-	-	-	7,20	3040	2x3/4"	-	0,76	3,33	55	69
DUO G 1000 E	2775	-	-	-	-	-	-	3/6/9	0,76	3,33	55	70
DUO G 1500 P86	4500	14,20	620	2x3/4"	-	-	-	-	1,27	5,55	57	94
DUO G 1500 P64	4500	-	-	-	12,30	5360	2x3/4"	-	1,27	5,55	57	94
DUO G 1500 E	4625	-	-	-	-	-	-	4/8/12	1,27	5,55	57	99
DUO G 2000 P86	6300	20,75	1660	2x3/4"	-	-	-	-	1,79	7,77	58	121
DUO G 2000 P64	6300	-	-	-	17,00	4140	2x3/4"	-	1,79	7,77	58	121
DUO G 2000 E	6475	-	-	-	-	-	-	6/12/18	1,79	7,77	58	127
DUO G 2500 P86	8100	27,30	3410	2x3/4"	-	-	-	-	2,28	9,99	59	151
DUO G 2500 P64	8100	-	-	-	21,70	3590	2x3/4"	-	2,28	9,99	59	151
DUO G 2500 E	8325	-	-	-	-	-	-	6/12/18	2,28	9,99	59	159

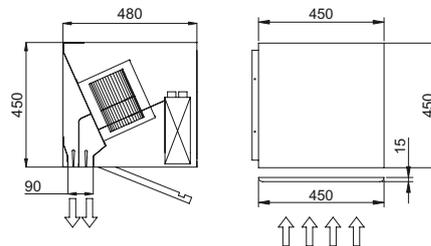
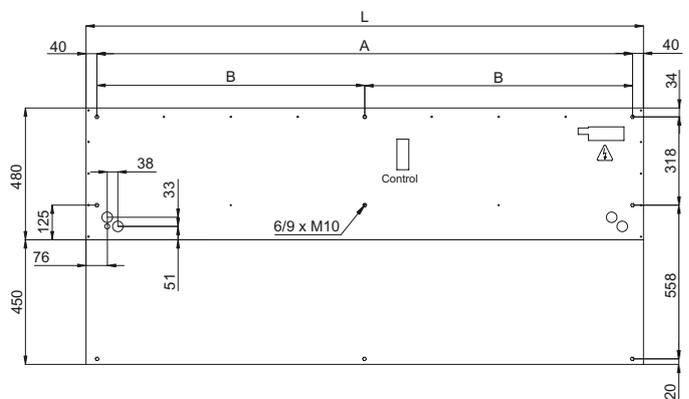


Layouts and dimensions



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

Free hanging mounting



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

Inside ceiling surface mounting



Characteristics



- Specially designed to be installed in all types of revolving doors. Two possible layouts, tailored dimensions.
- Structure made of aluminium profiles and galvanized plated steel panels and nozzle, finished in structural epoxy-polyester white RAL 9016 as standard. Other colours are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided with five speed selection.
- “P” type includes water heated coil. “E” type includes electrical shielded element, three power stages with power switches included. “A” type is without heating, air only.
- Circular discharge jet with anodised aluminium blow-out vanes, airfoil shaped.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

Specifications

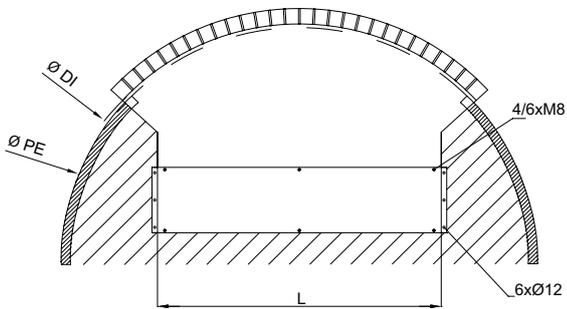
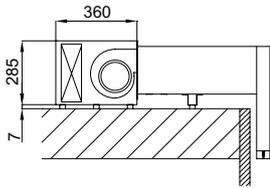
Model	Airflow m3/h	Heating Capacity 80/60°C	Water Drop Pressure 80/60°C	Water Connections 80/60°C	Heating Capacity 60/40°C	Water Drop Pressure 60/40°C	Water Connections 60/40°C	Electrical Heating Capacity 3x400V-50Hz	Fans Power 230V-50Hz	Fans Current 230V-50Hz	Noise Level (5 m)	Weight kg
		kW	Pa		kW	Pa		kW	kW	A	dB(A)	
ROTO M 1000 P	1875	10,52	890	2x3/4"	9,04	4450	2x3/4"	-	0,558	2,52	54	-
ROTO M 1000 E	1950	-	-	-	-	-	-	3/6/9	0,558	2,52	54	-
ROTO M 1000 A	1950	-	-	-	-	-	-	-	0,558	2,52	54	-
ROTO M 1500 P	2500	16,14	700	2x3/4"	13,28	6390	2x3/4"	-	0,744	3,36	55	-
ROTO M 1500 E	2600	-	-	-	-	-	-	4/8/12	0,744	3,36	55	-
ROTO M 1500 A	2600	-	-	-	-	-	-	-	0,744	3,36	55	-
ROTO M 2000 P	3750	24,22	2020	2x3/4"	19,11	5140	2x3/4"	-	1,116	5,04	56	-
ROTO M 2000 E	3900	-	-	-	-	-	-	6/12/18	1,116	5,04	56	-
ROTO M 2000 A	3900	-	-	-	-	-	-	-	1,116	5,04	56	-
ROTO M 2500 P	4375	28,66	3750	2x3/4"	22,80	3930	2x3/4"	-	1,302	5,88	57	-
ROTO M 2500 E	4550	-	-	-	-	-	-	6/12/18	1,302	5,88	57	-
ROTO M 2500 A	4550	-	-	-	-	-	-	-	1,302	5,88	57	-
ROTO G 1000 P	2700	13,10	1300	2x3/4"	11,31	6850	2x3/4"	-	0,765	3,33	55	-
ROTO G 1000 E	2775	-	-	-	-	-	-	5/10/15	0,765	3,33	55	-
ROTO G 1000 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	-
ROTO G 1500 P	3600	20,30	1050	2x3/4"	16,72	9410	2x3/4"	-	1,020	4,44	56	-
ROTO G 1500 E	3700	-	-	-	-	-	-	7,5/15/22,5	1,020	4,44	56	-
ROTO G 1500 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	-
ROTO G 2000 P	5400	30,40	3320	2x3/4"	24,18	7860	2x3/4"	-	1,530	6,66	57	-
ROTO G 2000 E	5550	-	-	-	-	-	-	10/20/30	1,530	6,66	57	-
ROTO G 2000 A	5550	-	-	-	-	-	-	-	1,530	6,66	57	-
ROTO G 2500 P	6300	36,03	5700	2x3/4"	28,94	6020	2x3/4"	-	1,785	7,77	58	-
ROTO G 2500 E	6475	-	-	-	-	-	-	10,7/21,3/32	1,785	7,77	58	-
ROTO G 2500 A	6475	-	-	-	-	-	-	-	1,785	7,77	58	-



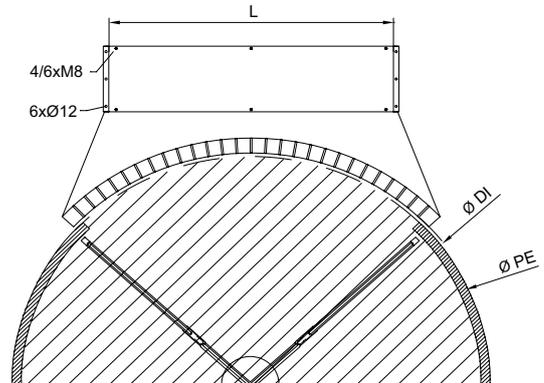
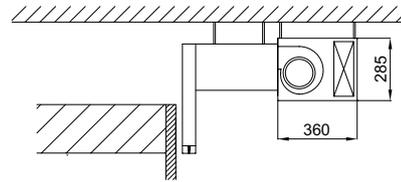
Layouts and dimensions

RotoWind air curtains are tailor-made for any kind of revolving door according to the following layouts:

On top mounting



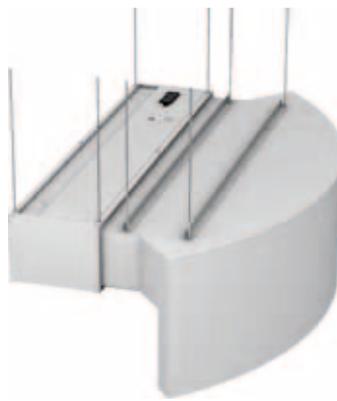
False ceiling mounting



Fixation system



Fixed onto the door



Hanging from the ceiling

Optional decorative front cover



1. RAL 9016 standard
2. Colour from RAL palette
3. Stainless Steel AISI 304



Characteristics



- Designed to be tailor-made, adaptable to any customer's needs.
- Structure made of aluminium profiles and galvanized plated steel panels, finished white RAL 9016 or silver grey RAL 9006 as standard. Other colours are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided with five speed selection.
- "P" type includes water heated coil. "E" type includes electrical shielded element, three power stages with power switches included. "A" type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, pitch angle adjustable each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

Specifications

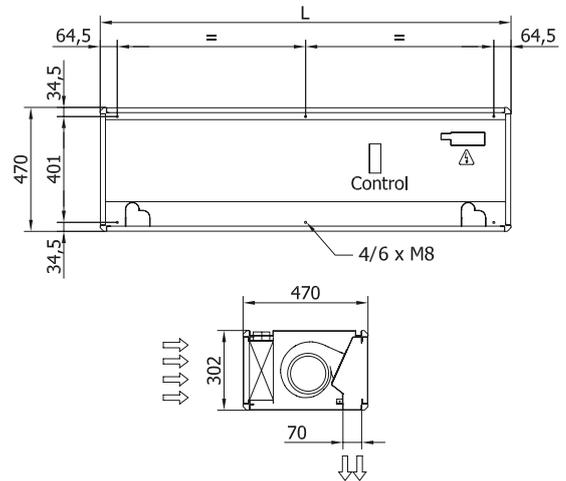
Model	Airflow m ³ /h	Heating Capacity	Water Drop Pressure	Water Connections	Heating Capacity	Water Drop Pressure	Water Connections	Electrical Heating Capacity	Fans Power	Fans Current	Noise Level	Weight kg
		80/60°C kW	80/60°C Pa	80/60°C	60/40°C kW	60/40°C Pa	60/40°C	3x400V-50Hz kW	230V-50Hz kW	230V-50Hz A	(5 m) dB(A)	
VARI S 1000 P	1250	8,53	560	2x3/4"	6,85	2780	2x3/4"	-	0,372	1,68	53	39
VARI S 1000 E	1300	-	-	-	-	-	-	3/6/9	0,372	1,68	53	41
VARI S 1000 A	1300	-	-	-	-	-	-	-	0,372	1,68	53	34
VARI S 1500 P	1875	12,92	500	2x3/4"	10,80	4250	2x3/4"	-	0,558	2,52	54	58
VARI S 1500 E	1950	-	-	-	-	-	-	4/8/12	0,558	2,52	54	62
VARI S 1500 A	1950	-	-	-	-	-	-	-	0,558	2,52	54	50
VARI S 2000 P	2500	18,11	1270	2x3/4"	14,46	3110	2x3/4"	-	0,744	3,36	55	73
VARI S 2000 E	2600	-	-	-	-	-	-	6/12/18	0,744	3,36	55	80
VARI S 2000 A	2600	-	-	-	-	-	-	-	0,744	3,36	55	62
VARI S 2500 P	3125	23,13	2530	2x3/4"	18,10	2600	2x3/4"	-	0,930	4,20	56	79
VARI S 2500 E	3250	-	-	-	-	-	-	6/12/18	0,930	4,20	56	86
VARI S 2500 A	3250	-	-	-	-	-	-	-	0,930	4,20	56	66
VARI M 1000 P	1800	10,27	850	2x3/4"	8,72	4250	2x3/4"	-	0,510	2,22	54	39
VARI M 1000 E	1850	-	-	-	-	-	-	3/6/9	0,510	2,22	54	41
VARI M 1000 A	1850	-	-	-	-	-	-	-	0,510	2,22	54	34
VARI M 1500 P	2700	16,98	750	2x3/4"	13,86	6690	2x3/4"	-	0,765	3,33	55	58
VARI M 1500 E	2775	-	-	-	-	-	-	4/8/12	0,765	3,33	55	62
VARI M 1500 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	50
VARI M 2000 P	3600	23,60	1950	2x3/4"	18,58	4870	2x3/4"	-	1,020	4,44	56	73
VARI M 2000 E	3700	-	-	-	-	-	-	6/12/18	1,020	4,44	56	80
VARI M 2000 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	62
VARI M 2500 P	4500	29,16	3860	2x3/4"	23,18	4030	2x3/4"	-	1,275	5,55	57	79
VARI M 2500 E	4625	-	-	-	-	-	-	6/12/18	1,275	5,55	57	86
VARI M 2500 A	4625	-	-	-	-	-	-	-	1,275	5,55	57	66
VARI G 1000 P	2700	13,10	1300	2x3/4"	11,31	6830	2x3/4"	-	0,765	3,33	55	44
VARI G 1000 E	2775	-	-	-	-	-	-	5/10/15	0,765	3,33	55	46
VARI G 1000 A	2775	-	-	-	-	-	-	-	0,765	3,33	55	38
VARI G 1500 P	3600	20,30	1050	2x3/4"	16,72	9410	2x3/4"	-	1,020	4,44	56	64
VARI G 1500 E	3700	-	-	-	-	-	-	7,5/15/22,5	1,020	4,44	56	68
VARI G 1500 A	3700	-	-	-	-	-	-	-	1,020	4,44	56	55
VARI G 2000 P	5400	30,40	3320	2x3/4"	24,18	7860	2x3/4"	-	1,530	6,66	57	83
VARI G 2000 E	5550	-	-	-	-	-	-	10/20/30	1,530	6,66	57	90
VARI G 2000 A	5550	-	-	-	-	-	-	-	1,530	6,66	57	72
VARI G 2500 P	6300	36,00	5680	2x3/4"	28,90	6000	2x3/4"	-	1,785	7,77	58	87
VARI G 2500 E	6475	-	-	-	-	-	-	10,7/21,3/32	1,785	7,77	58	96
VARI G 2500 A	6475	-	-	-	-	-	-	-	1,785	7,77	58	76



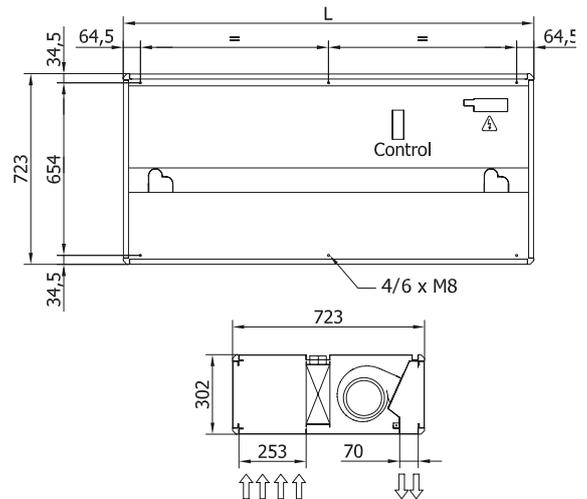
Layouts and dimensions

VariWind air curtains can be tailor-made at the request of the customers in any length up to 3 meters.

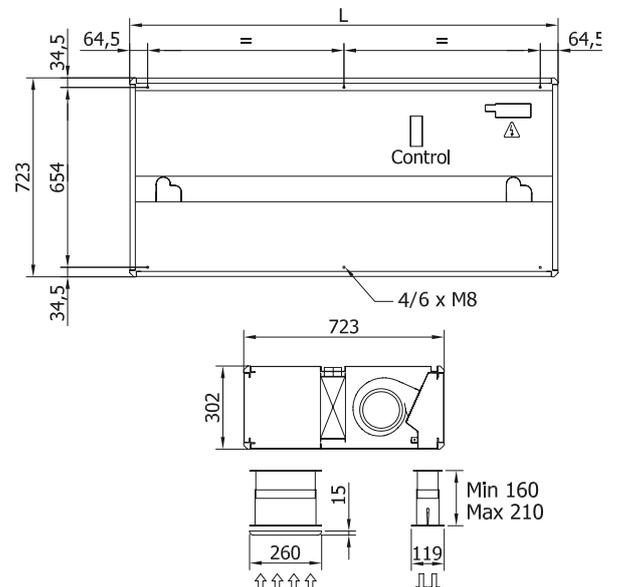
	Standard L	Customised L
Variwind 1000	1045	1045-1544
Variwind 1500	1545	1545-2049
Variwind 2000	2050	2050-2549
Variwind 2500	2550	2550-3000



Free hanging mounting



Inside ceiling surface mounting



False ceiling invisible mounting



Characteristics

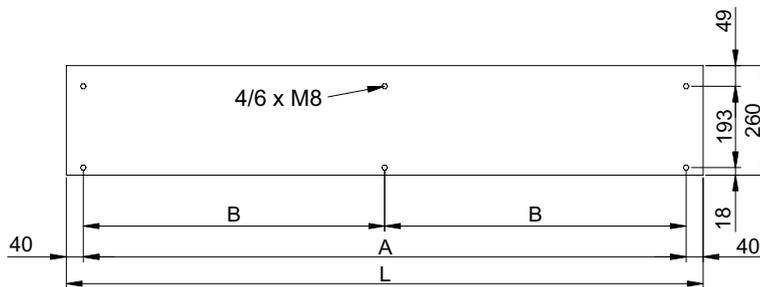
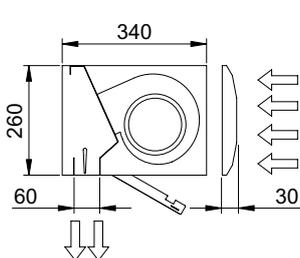


- Specially designed to be installed on doors of cold stores and freezers.
- Self-supporting casing construction made of galvanized plated steel, finished in structural epoxy-polyester RAL 9016 as standard. Other colours or stainless steel construction are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided with five speed selection.
- Perforated inlet grille with large absorbing surface to minimize the air pressure drop. It doesn't need filter.
- Also available with flat micro-perforated inlet grille, more elegant, for commercial doors where heating is not needed.
- Anodised aluminium blow-out vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

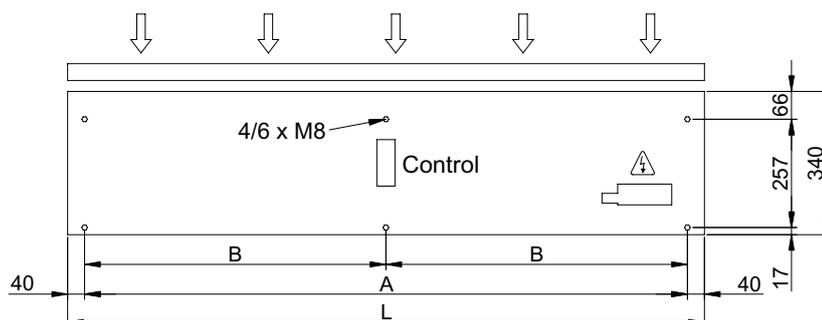
Specifications

Model	Airflow m ³ /h	Without heating Air only	Fans power Input 230V-50Hz kW	Fans Current 230V-50Hz A	Noise level (5 m) dB(A)	Weight kg
KS 1000 A	1300	-	0,372	1,68	53	29
KS 1500 A	1950	-	0,558	2,52	54	44
KS 2000 A	2600	-	0,744	3,36	55	53
KS 2500 A	3250	-	0,930	4,20	56	58
KS 3000 A	3900	-	1,116	5,04	57	63
KM 1000 A	1850	-	0,510	2,22	54	29
KM 1500 A	2775	-	0,765	3,33	55	44
KM 2000 A	3700	-	1,020	4,44	56	53
KM 2500 A	4625	-	1,275	5,55	57	58
KM 3000 A	5550	-	1,530	6,66	58	63
KG 1000 A	2775	-	0,765	3,33	55	33
KG 1500 A	3700	-	1,020	4,44	56	49
KG 2000 A	5550	-	1,530	6,66	57	63
KG 2500 A	6475	-	1,785	7,77	58	68
KG 3000 A	7400	-	2,040	8,88	59	73

Dimensions



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





Characteristics

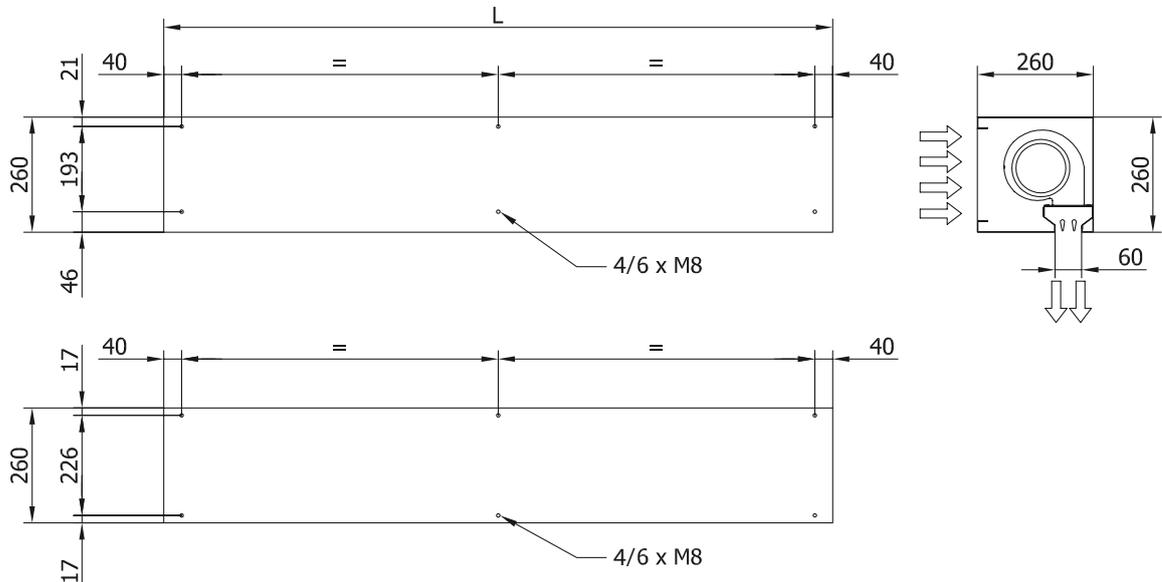


- High pressure and small dimensions air curtains.
- Self-supporting casing construction made of zinc plated steel, finished in structural epoxy-polyester RAL 9016 as standard. Other colours or stainless steel construction are available on request.
- Low noise centrifugal double inlet fans driven by an external rotor motor with built in thermal protection contact. Provided with five speed selection.
- Perforated inlet grille with large absorbing surface to minimize the air pressure drop. It doesn't need filter.
- Anodised aluminium blow-out vanes, airfoil shaped, pitch angle adjustable each side.
- All models are without heating, air only.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

Specifications

Model	Airflow m3/h	Without heating Air only	Fans power 230V-50Hz kW	Fans current 230V-50Hz A	Noise level (5 m) dB(A)	Weight kg
COM 1000	1860	-	0,62	3,30	52	21
COM 1500	2480	-	0,83	4,40	53	32
COM 2000	3720	-	1,24	6,60	54	43
COM 2500	4340	-	1,45	7,70	55	55

Dimensions



	L
COM 1000	1000
COM 1500	1500
COM 2000	2000
COM 2500	2500



Characteristics

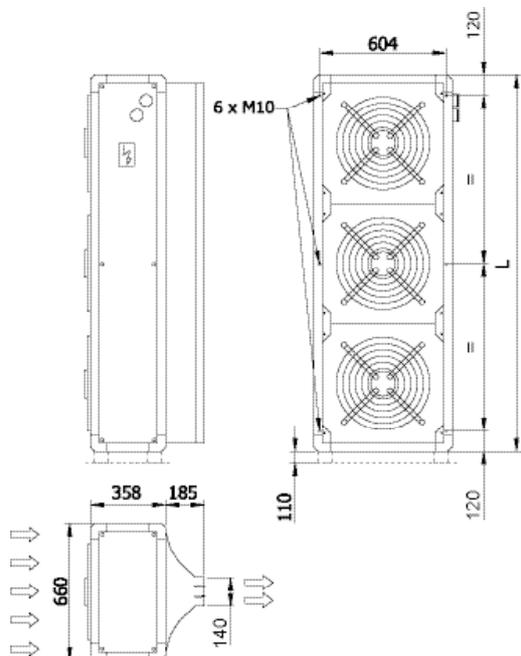


- Heavy casing made of double chamber aluminium profiles and hot galvanized plated steel panels, finished white RAL 9016 as standard. Other colours are available on request.
- Vertical or horizontal installation on industrial door.
- Axial fans driven by an external rotor motor with built-in thermal contact protection. Provided with five speed selection. Extremely low noise. Maintenance free.
- “P” type includes water heated coil. “E” type includes electrical shielded element, three power stages. “A” type is without heating, air only.
- Anodised aluminium blow-out vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Control panel and 20m of telephonic cable with fast connectors type RJ45 (Plug & Play), included. Optional: Interface to connect to BMS.

Specifications

Model	Airflow m3/h	Water heating capacity	Water drop pressure	Water connections 80/60°C	Water heating capacity	Water drop pressure	Water connections 60/40°C	Electrical heating capacity	Fans power	Fans current	Noise level (5 m) dB(A)	Weight kg
		80/60°C	80/60°C		60/40°C	60/40°C		3x400V-50Hz	230V-50Hz	230V-50Hz		
		kW	Pa		kW	Pa		kW	kW	A		
MAX 2 P	7000	40,70	330	2x1¼"	34,20	7810	2x1¼"	-	0,68	2,96	59	75
MAX 2 E	8000	-	-	-	-	-	-	13,7/22,9/36,6	0,68	2,96	59	74
MAX 2 A	8000	-	-	-	-	-	-	-	0,68	2,96	59	59
MAX 3 P	10500	61,00	1280	2x1¼"	53,10	11400	2x1¼"	-	1,02	4,44	61	102
MAX 3 E	12000	-	-	-	-	-	-	20,7/34,7/55,4	1,02	4,44	61	100
MAX 3 A	12000	-	-	-	-	-	-	-	1,02	4,44	61	79
MAX 4 P	14000	85,90	3300	2x1¼"	74,20	9230	2x1¼"	-	1,36	5,92	62	135
MAX 4 E	16000	-	-	-	-	-	-	27,8/46,4/74,2	1,36	5,92	62	133
MAX 4 A	16000	-	-	-	-	-	-	-	1,36	5,92	62	103
MAX 5 P	17500	108,00	6640	2x1¼"	93,00	18430	2x1¼"	-	1,70	7,40	64	162
MAX 5 E	20000	-	-	-	-	-	-	34,8/58,2/93	1,70	7,40	64	159
MAX 5 A	20000	-	-	-	-	-	-	-	1,70	7,40	64	124
MAX 6 P	21000	127,00	11270	2x1¼"	104	3610	2x1¼"	-	2,04	8,88	65	189
MAX 6 E	24000	-	-	-	-	-	-	consult	2,04	8,88	65	186
MAX 6 A	24000	-	-	-	-	-	-	-	2,04	8,88	65	151

Dimensions



	L
MAX 2	1234
MAX 3	1811
MAX 4	2388
MAX 5	2965
MAX 6	3542

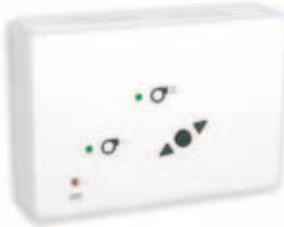


Two ranges of control panels, both designed for easy and quick Plug & Play connection, free of mistakes, by using a telephone cable with RJ45 connectors. The digital communication between the control panel and air curtain is a very reliable connection

without information losses even at long distances. All control panels can be turned ON/OFF externally and have internal memory (if the power supply is cut off, the unit goes back to the selected state).

2 Speed Range

Suitable for Optima and Recessed Optima air curtains.



CW-2AO-NE
Only air and water control panel
2 fan speed



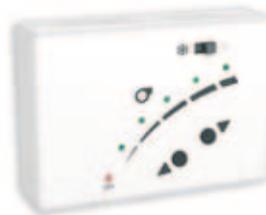
CE-2AO-NE
Electrical control panel
2 fan speed and
2 heating stages

5 Speed Range

Suitable for Windbox, Recessed Windbox, Deco, Rund, Rotowind, Variwind, Compact and Max air curtains.



CA-5AW-NE
Only air control panel
5 fan speed



CW-5AW-NE
Water control panel
5 fan speed and
electro-valve switch



CE-5AW-NE
Electrical control panel
5 fan speed and
3 heating stages



D-805 Hand/Auto
Water control panel (Optional)
Manual and automatic operating.
Auxiliary functions with anti-freeze sensor, door contact and ambience thermostat.

Common Control panels



TD
Digital Thermostat
Modifies heat stages and fan speed depending on temperature and selected program. Only for electrical units.



Interface
Allows the connection to a centralized management system like BMS...



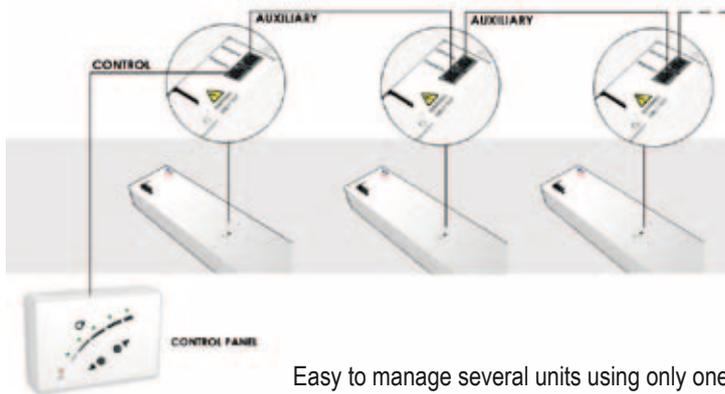
CT – Total Control
Suitable for all models from Optima to Max (except Minibel and Eco).
Auxiliary devices: anti-freeze sensor, door contact, thermostat, etc...
Time programmer: 3 ON/OFF for each different day of the week.
Digital display with hour, fan speed, heating stage, temperature...
Multilanguage display 9 languages.
Manual or automatic functioning with programmable behaviours.



IR Control
Infrared remote control.
Available for all models except Minibel.



Multiple air curtain connection



Easy to manage several units using only one control panel.

Accessories

Feet, wall supports, vibration dampers...



Thermostatic valve, solenoid valve, anti-freeze sensor, door contact, ambient thermostat...



Telephone cable, extension adapter ...



Correction factors for water temperatures (S, M, G, B, L, XL)

		Water temperature		Inlet air temperature		
		15°C	18°C	20°C		
Water coil 80/60	100/80°C	1,58	1,53	1,46		
	90/70°C	1,35	1,27	1,22		
	80/60°C	1,11	1,04	1,00		
	70/50°C	0,89	0,82	0,78		
	60/40°C	0,66	0,59	0,54		
	55/35°C	0,54	0,47	0,42		
Water coil 60/40	100/80°C	2,86	2,71	2,62		
	90/70°C	2,45	2,30	2,21		
	80/60°C	2,03	1,89	1,81		
	70/50°C	1,61	1,48	1,40		
	60/40°C	1,21	1,08	1,00		
	55/35°C	1,01	0,88	0,79		

The technical data tables give the nominal heat capacity for warm water coils supplied with water at 80/60°C and 60/40°C with the air inlet temperature at 20°C.

These tables supply the corresponding factors for calculating the heat capacity with different air and water inlet temperatures.

Example of heat capacity calculation:

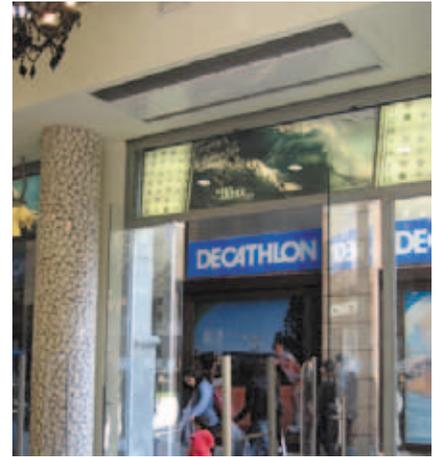
Model M 2000 P 80/60°C
Air inlet temperature 15°C Water temperature 90/70°C

HEAT CAPACITY	=	Nominal Power (23,6 kW)	x	Coefficient (1,35)	=	31,86 kW
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Optima
Installation in a shopping center

Recessed Windbox
Designed to be installed in a false ceiling



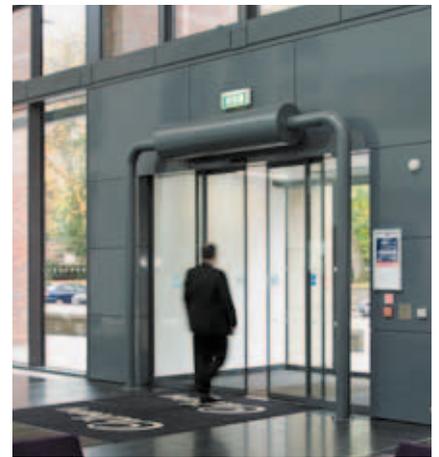
ZEN
Exclusive design and custom finishes

Windbox
Free hanging in a big mall



Rotowind
Tailor-made for any revolving door

Rund
Cylindrical design with tailor-made goalpost



Rund
Vertical Stainless Steel design air curtain

Max
Multiple towers on large industrial doors





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