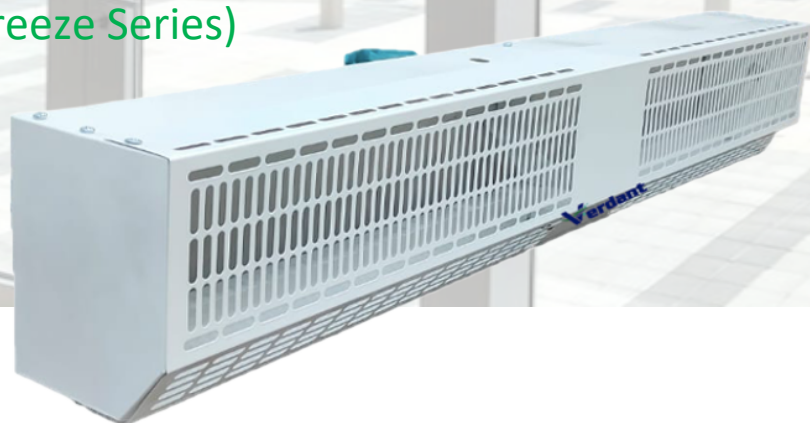


Keep your
Environment
Cool &
Dust Free

Verdant
Air Curtains
(Breeze Series)



Model	Size L x W x H (mm)	Power Supply (V / Ph / Hz)	Motor Power (W)	Air Flow (CMH)		Air Velocity (m/s)	Noise ((dB)		Weight (kg)	Mounting Height Max. (m)
				High	Low		High	Low		
VBS 100	1000 x 160 x 180	220/1/50-60	70	1660	1360	9 / 11	52	51	9	3
VBS 120	1200 x 160 x 180		70	2060	1685		53	52	11	3
VBS 150	1500 x 160 x 180		95	2650	2170		55	54	14	3

Optional Accessories :

- Manual On/Off , Speed L/H
- Wireless remote control and Magnetic contact sensors
- RAL Colour

Applications :

Showrooms

Restaurants

Supermarkets

Buildings

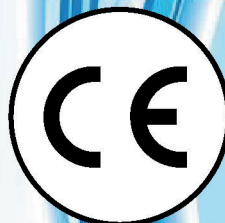
1-year warranty

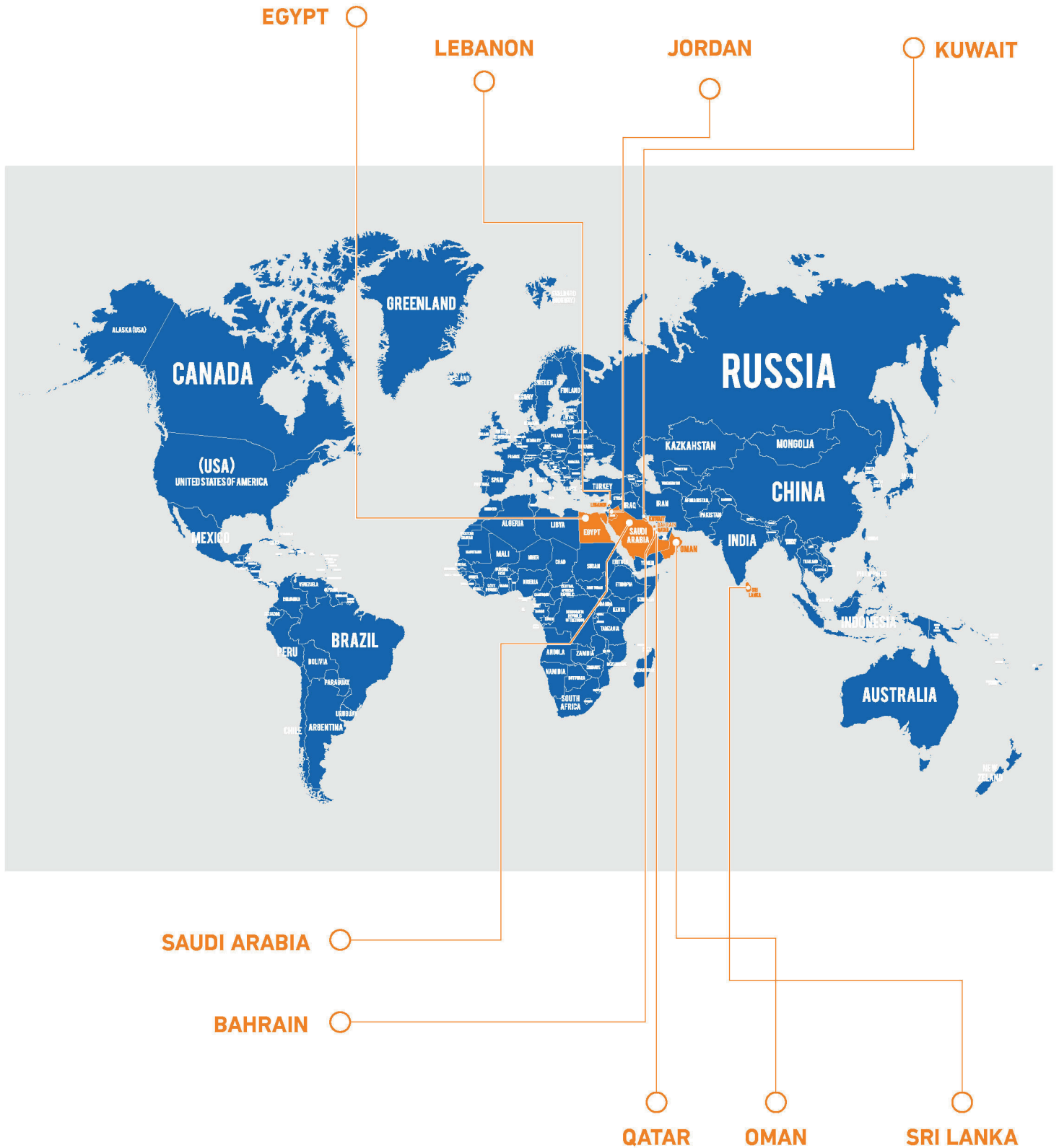
sales@verdanttrading.com

+971508718057

Due to continuous product development, product specifications are subject to change without notice

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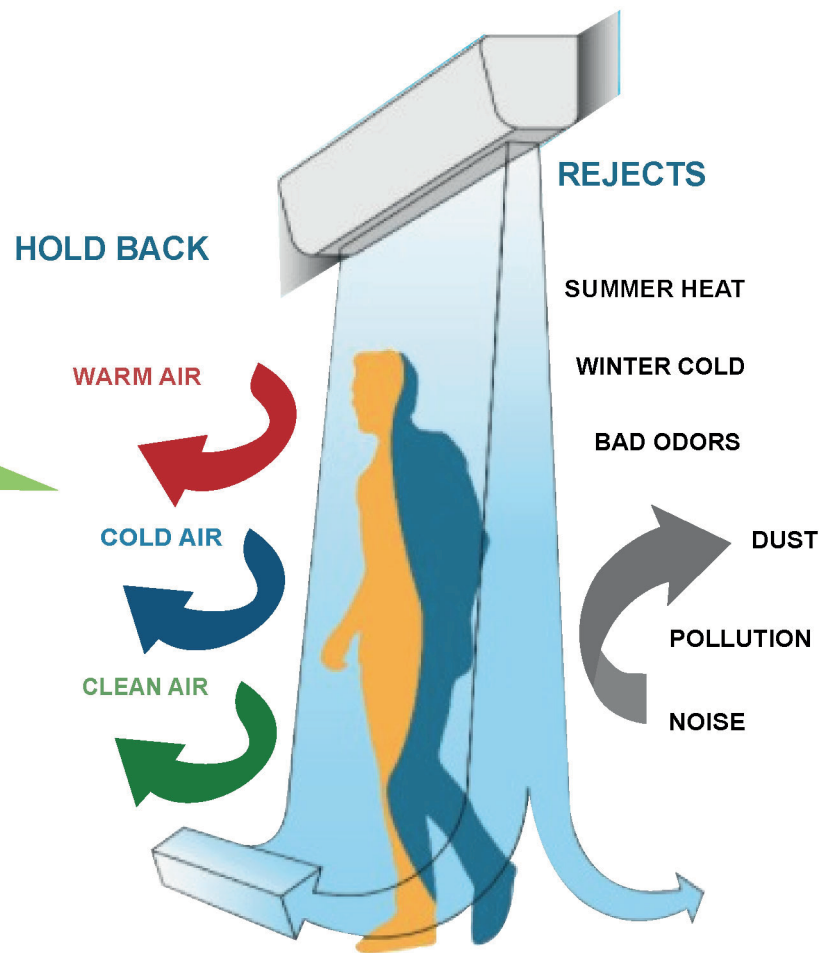
OUR INTERNATIONAL DISTRIBUTION NETWORK ACROSS THE WORLD

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AIR CURTAIN ??

An air curtain, also known as air door, is a machine that blows a controlled stream of air across an opening to the other side to create an air seal. This seal separates different environments while allowing a smooth, uninterrupted flow of traffic and unobstructed vision through the opening.



Open door effects:

Opening the door makes it easier for customer to access and increases sale



Blocking effect:

It prevents smoke, dust, odor and insects from entering through the entrance



Increases safety:

It helps to prevent condensation and moisture deposit on the metal grill



Increases air efficiency:

It prevents hot air in summer and cold air in winter which protects indoor air



Energy saving:

Saves up to 33%

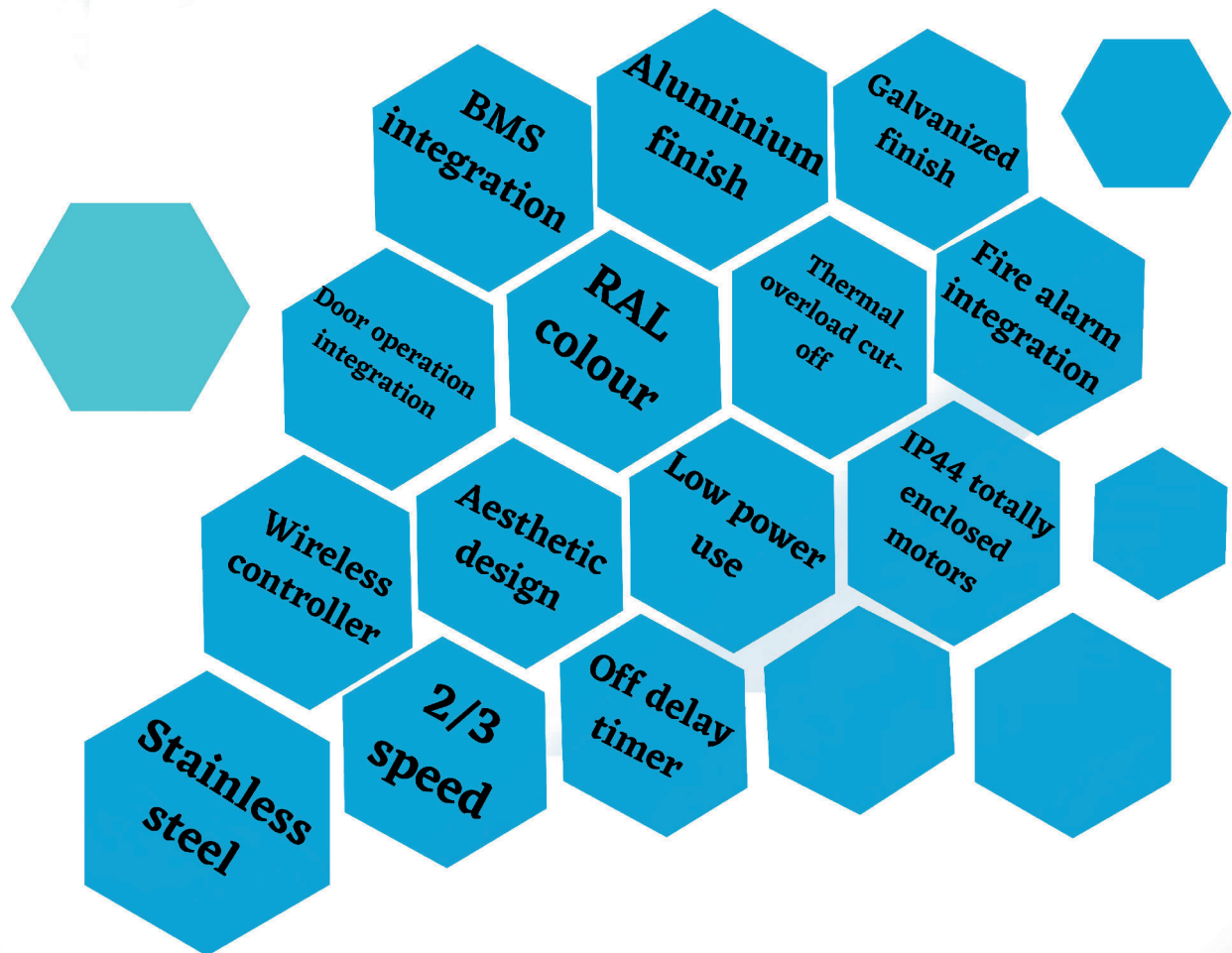


Air circulation:

It effectively circulate air in large space by creating air stream



FEATURES AND BENEFITS





Verdant **Commercial Series** is a compact air curtains creates effective air curtain barrier between two different Temperature Zones.

Size (Width):

1m, 1.2m, 1.5m, 2m, 2.5m.

Mounting Height:

Surface Mounted – up to 3.5m

Color:

Standard RAL 9016.

Other colors available on request.

Finished:

Standard galvanized powder coated

Non-standard – Stainless steel/

Aluminium.

COMMERCIAL SERIES

WALL / DECORATIVE TYPE

VERDANT WALL TYPE AIR CURTAINS			VC-100	VC-120	VC-150	VC-200	VC-240
POWER SUPPLY	V / P / HZ		220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60
MOTOR POWER	W		110	110	110	220	220
AIR FLOW	m ³ / h	L	1160	1440	1850	2320	2880
		M	1400	1740	2250	2800	3460
		H	1800	2260	2920	3600	4280
AIR VELOCITY	m / s	L	7	7	7	7	7
		M	8.5	8.5	8.5	8.5	8.5
		H	11	11	11	11	11
NOISE LEVEL	dB	L	47.5	47.5	48.5	49.5	51.5
		M	48.5	48.5	49.5	51.5	52
		H	50.5	51.5	51.5	52.5	52
FAN RADIUS	mm		120	120	120	120	120
DIMENSIONS	mm		1000x270x200	1200x270x200	1500x270x200	2000x270x200	2400x270x200
WEIGHT	kg		14	17	20	30	35

The company reserves the right to change the specifications without prior notice

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Verdant **Dynamic Series** air curtains is suitable for all kinds of commercial, residential, and small scale industrial application.

Size (Width):

1m, 1.2m, 1.5m, 2m, 2.4m.

Mounting Height:

Surface Mounted – Up to 4.5m

Color:

Standard RAL-9016

Other colors available on request.

Finished:

Standard galvanized powder coated
Non-Stainless steel / Aluminium.

DYNAMIC SERIES

WALL / DECORATIVE TYPE

VERDANT WALL TYPE AIR CURTAINS			VD-H100	VD-H120	VD-H150	VD-H200	VD-H240
POWER SUPPLY	V / P / HZ		220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60
MOTOR POWER	W		420	420	420	840	840
AIR FLOW	m ³ / h	L	2130	2650	3420	4710	6295
		M	2370	2950	3820	5260	6845
		H	2625	3260	4216	5800	7385
AIR VELOCITY	m / s	L	13	13	13	13	13
		M	14.5	14.5	14.5	14.5	14.5
		H	16	16	16	16	16
NOISE LEVEL	dB	L	45.9	45.9	46.9	47.9	49.9
		M	46.9	46.9	47.9	49.9	50.9
		H	48.9	43.9	49.9	50.9	52.9
FAN RADIUS	mm		120	120	120	120	120
DIMENSIONS	mm		1040x370x250	1240x370x250	1540x370x250	2040x370x250	2440x370x250
WEIGHT	kg		21	26	31	42	51

The company reserves the right to change the specifications without prior notice

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Verdant **Extreme Series** Air Curtains is suitable for upto 4m to 6m height door.

Size(Width):

1m, 1.2m, 1.5m, 2m, 2.4m

Mounting Height:

Surface Mounted up to 6m

Color:

Standard RAL: 9016

Other color available on request.

Finished:

Standard galvanized powder coated

Non Standard Stainless steel /

Aluminium.

EXTREME SERIES WALL / DECORATIVE TYPE WALL / DECORATIVE TYPE

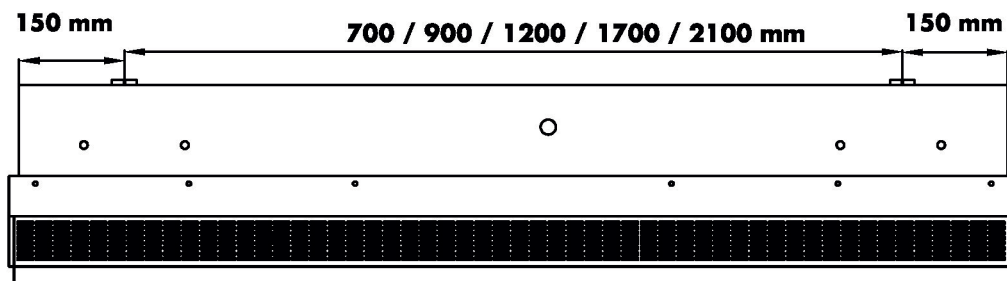
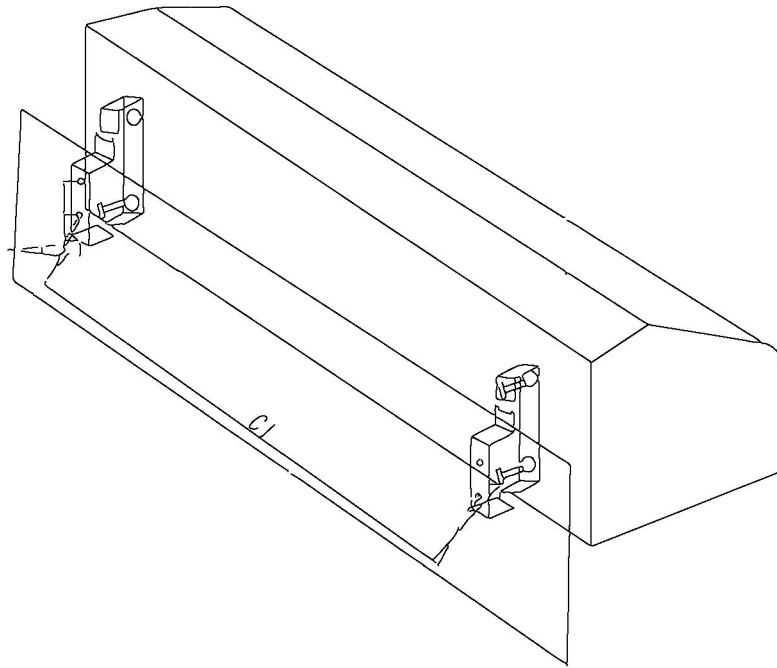
VERDANT WALL TYPE AIR CURTAINS			VE-H100	VE-H120	VE-H150	VE-H200	VE-H240
POWER SUPPLY	V / P / HZ		220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60
MOTOR POWER	W		600	600	600	1200	1200
AIR FLOW	m ³ / h	L	3847	4657	5872	7897	9264
		M	4488	5433	6851	9213	10816
		H	4873	5899	7438	10003	12568
AIR VELOCITY	m / s	L	15	15	15	15	15
		M	17.5	17.5	17.5	17.5	17.5
		H	19	19	19	19	19
NOISE LEVEL	dB	L	48	48	49	52	53
		M	51	51	52	55	55
		H	53	53	54	57	57
FAN RADIUS	mm		150	150	150	150	150
DIMENSIONS	mm		1000x370x250	1200x370x250	1500x370x250	2000x370x250	2000x370x250
WEIGHT	kg		23	28	33	45	53

The company reserves the right to change the specifications without prior notice

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COMMERCIAL / DYNAMIC / EXTREME SERIES

CEILING / WALL MOUNTING INSTALLATION





Verdant **Built Dynamic** Series is a compact Air Curtain suitable for low height ceiling space. The recessed installation low sound make it first choice for Architects.

Size (Width):

1m, 1.2m, 1.5m, 2m, 2.4m.

Mounting Height:

Surface Mounted – Up to 4.5m

Color:

Standard RAL-9016

Other colors available on request.

Finished:

Standard galvanized powder coated

Non-Standard Stainless steel /

Aluminium.

BUILT-DYNAMICS SERIES RECESSED/CONCEALED

VERDANT WALL TYPE AIR CURTAINS			VD-R100	VD-R120	VD-R150	VD-R200	VD-R240
POWER SUPPLY	V / P / HZ		220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60
MOTOR POWER	W		420	420	420	840	840
AIR FLOW	m³ / h	L	2130	2650	3420	4710	6295
		M	2370	2950	3820	5260	6845
		H	2625	3260	4216	5800	7385
AIR VELOCITY	m / s	L	13	13	13	13	13
		M	14.5	14.5	14.5	14.5	14.5
		H	16	16	16	16	16
NOISE LEVEL	dB	L	48.9	48.9	49.9	50.9	52.9
		M	49.9	49.9	50.9	52.9	53.9
		H	51.9	52.9	52.9	53.9	55.9
FAN RADIUS	mm		120	120	120	120	120
DIMENSIONS	mm		1120x400x225	1320x400x225	1420x400x225	2120x400x225	2520x400x225
WEIGHT	kg		25	31	37	50	55

The company reserves the right to change the specifications without prior notice

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Verdant **Built Extreme** series Air curtains is suitable for up to 4m to 6m height doors.

Size (Width):

1m, 1.2m, 1.5m, 2m, 2.4m.

Mounting Height:

Surface Mounted – Up to 6m

Color:

Standard RAL-9016

Other colors available on request.

Finished:

Standard galvanized powder coated
Non-Stainless steel / Aluminium.

BUILT-EXTREME SERIES RECESSED/CONCEALED

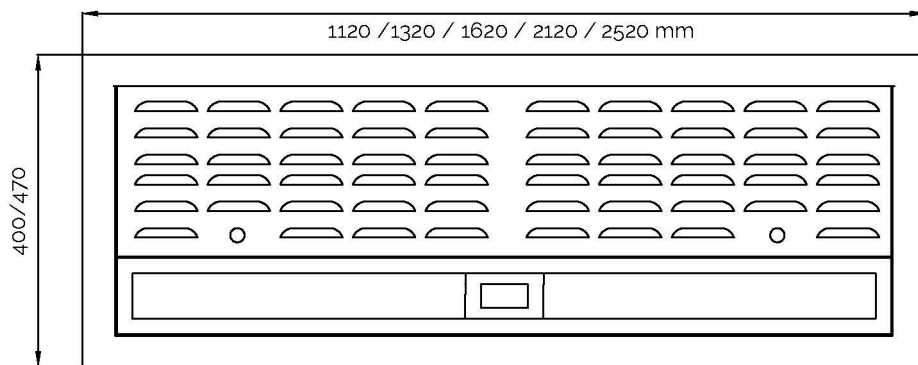
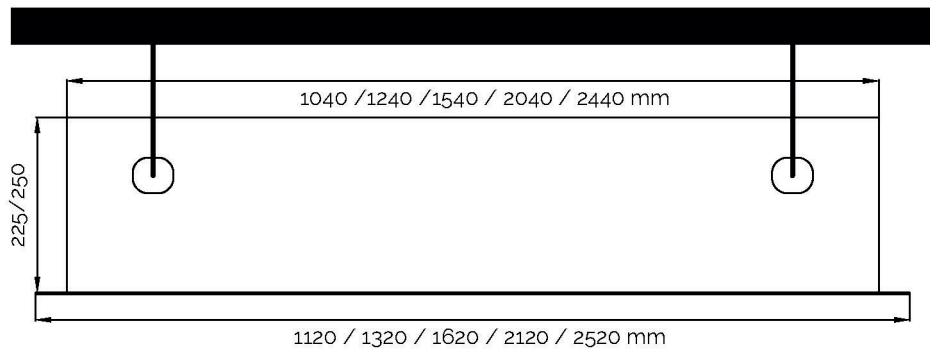
VERDANT WALL TYPE AIR CURTAINS			VE-R100	VE-R120	VE-R150	VE-R200	VE-R240
POWER SUPPLY	V / P / HZ		220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60	220/1/50-60
MOTOR POWER	W		600	600	600	1200	1200
AIR FLOW	m ³ / h	L	3847	4657	5872	7897	9264
		M	4488	5433	6851	9213	10816
		H	4873	5899	7438	10003	12568
AIR VELOCITY	m / s	L	15	15	15	15	15
		M	17.5	17.5	17.5	17.5	17.5
		H	19	19	19	19	19
NOISE LEVEL	dB	L	48	48	49	52	53
		M	51	51	52	55	55
		H	53	53	54	57	57
FAN RADIUS	mm		150	150	150	150	150
DIMENSIONS	mm		1000x470x250	1200x470x250	1500x470x250	2000x470x250	2000x470x250
WEIGHT	kg		32	35	38	51	60

The company reserves the right to change the specifications without prior notice

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BUILT DYNAMIC / BUILT EXTREME SERIES

RECESSED / CONCEALED MOUNTING ILLUSTRATION





Verdant **Zephyr Series** is smart decorative air curtain suitable for Niche building interior.

Size (Width):

1m, 1.2m, 1.5m, 2m, 2.4m.

Mounting Height:

Surface Mounted – Up to 4 m

Color:

Standard RAL-9016

Other colors available on request.

Finished:

Standard galvanized powder coated

Non-Standard Stainless steel /

Aluminium.

ZEPHYR SERIES

CEILING / DECORATIVE TYPE

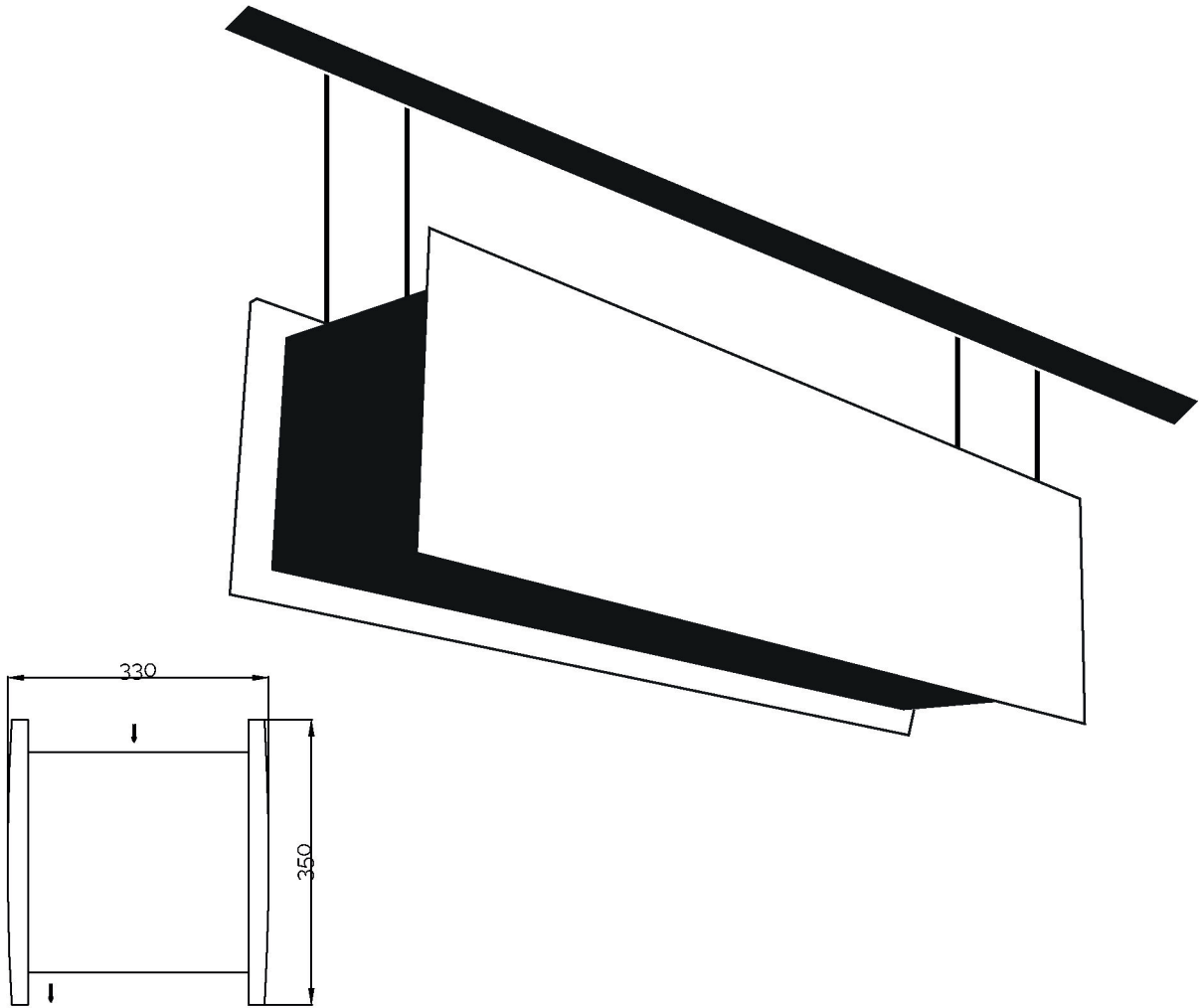
VERDANT WALL TYPE AIR CURTAINS			VZ-100	VZ-120	VZ-150	VZ-200	VZ-240
POWER SUPPLY	V / P / HZ		230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60	230/1/50-60
MOTOR POWER	W		600	600	600	1200	1200
AIR FLOW	L ³ / H	L	1950	2440	3150	4330	5790
		H	2415	3000	3880	5340	6800
AIR VELOCITY	L / H	L	13	13	13	13	13
		H	16	16	16	16	16
NOISE LEVEL	L / H	L	44.5	44.5	45.5	51.5	52.5
		H	47.5	47.5	48.5	52.5	56.5
FAN RADIUS	mm		120	120	120	120	120
DIMENSIONS	mm		1140x330x350	1340x330x350	1640x330x350	2140x330x350	2440x330x350
WEIGHT	kg		25	27	35	41	52

The company reserves the right to change the specifications without prior notice

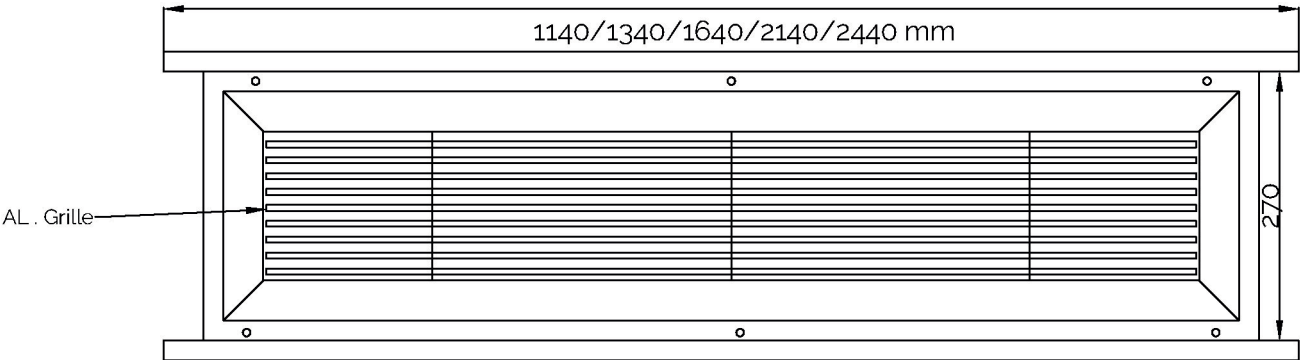
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ZYPHER SERIES AIR CURTAIN

CEILING MOUNTING ILLUSTRATION



TOP VIEW





Verdant Zephyr series (Vertical Air Curtain) is suitable for vertical installation.

Size (Width):

2.5m, 3.0m, 4.0m

Mounting Height:

Surface Mounted – Up to 4.0m

Color:

Standard RAL-9016

Other colors available on request.

Finished:

Standard galvanized powder coated
Non-Standard Stainless steel /
Aluminium.

ZEPHYR SERIES

VERTICAL AIR CURTAIN

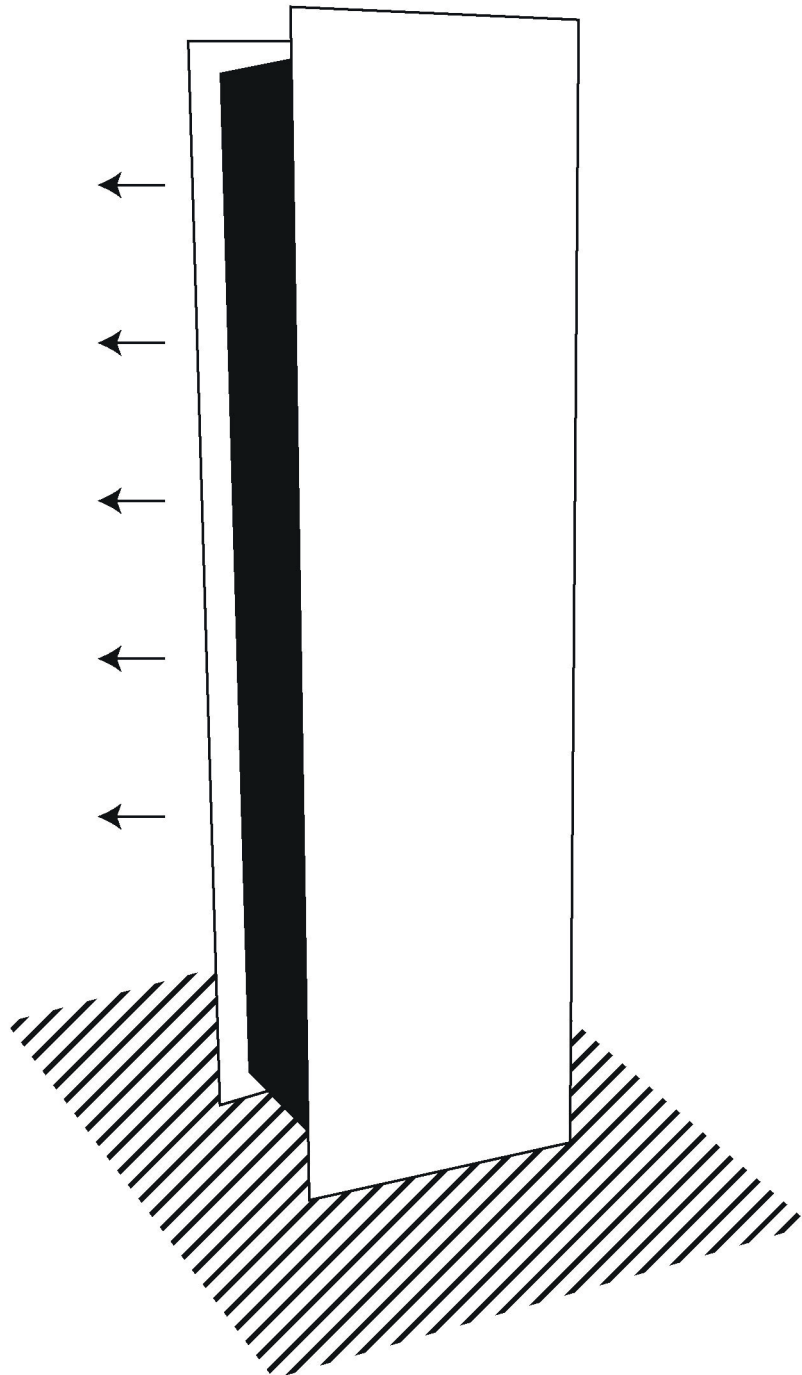
VERDANT WALL TYPE AIR CURTAINS			VZ-V250	VZ-V250
POWER SUPPLY	V / P / HZ		230/1/50-60	230/1/50-60
MOTOR POWER	W		600	640
AIR FLOW	m ³ / h	L	2250	3000
		M	-	-
		H	3100	3800
AIR VELOCITY	m / s	L	16	16
		M	-	-
		H	20	20
NOISE LEVEL	dB	L	43.5	43.5
		M	-	-
		H	46.5	46.5
FAN RADIUS	mm		150	150
DIMENSIONS	mm		2650x330x350	3150x330x350
WEIGHT	kg		64	75

The company reserves the right to change the specifications without prior notice

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VERTICAL AIR CURTAIN

VERTICAL MOUNTING ILLUSTRATION





Verdant Industrial (VEH Series) is suitable for high grade Pharma / Food Industry.

Size (Width):

1m, 1.2m, 2m, 2.4m.

Mounting Height:

Surface Mounted – Up to 8m

Color:

Standard stainless steel.

Finished:

Matt finished or Brush finish.



INDUSTRIAL SERIES 8.0

WALL/HANGER MOUNTED, NO CORROSION GAUANTEED

VERDANT HIGH EFFICIENCY AIR CURTAINS			VEH-8010	VEH-8020
POWER SUPPLY	V / P / HZ		230/1/50-60	230/1/50-60
MOTOR POWER	W		1200	1200
AIR FLOW	m ³ / h		3750	3830
AIR VELOCITY	m / s		28	28
NOISE LEVEL	dB		70	70
FAN RADIUS	mm		150	150
DIMENSIONS	mm		1000x287x297	1200x287x297
WEIGHT	kg		38	43

The company reserves the right to change the specifications without prior notice

Accessories

Available on request used for automatic working.



Limit Switch:



Magnetic Sensor:



Motion



Proximity switch

Used To operate air curtains from a distance



Remote



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Umm Al Quwain – UAE



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