# Verdant

## Air Curtains




www.verdantuae.com




# Our International Distributor Network

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## AIR CURTAINS

Air Curtains also known as door curtain, 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 un obstructed vision through the opening.

**Open Door Effects**

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

**Blocking Effect**

It prevents smoke, dust,odor and insects from entering 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 & BENEFITS

- Fire Alarm Integration
- BMS Integration
- Door Operation Integration
- Door Separation Integration
- Aesthetic Design
- Wireless Controller
- RAL Color
- Low Power Consumption
- 2/3 Speed Control
- Aluminum Finish
- Off Delay Timer
- Stainless Steel
- Galvanized Finish
- Thermal Overload Cut-off
- IP44 Totally Enclosed Motors

# WALL MOUNTED AIR CURTAINS

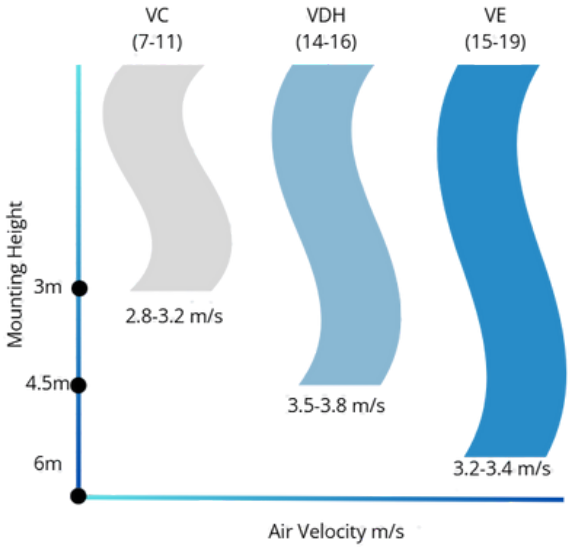



Verdant Commercial, Dynamic and Extreme Series also known as wall or decorative type of air curtains suitable for all kinds commercial, residential and small scale industries.

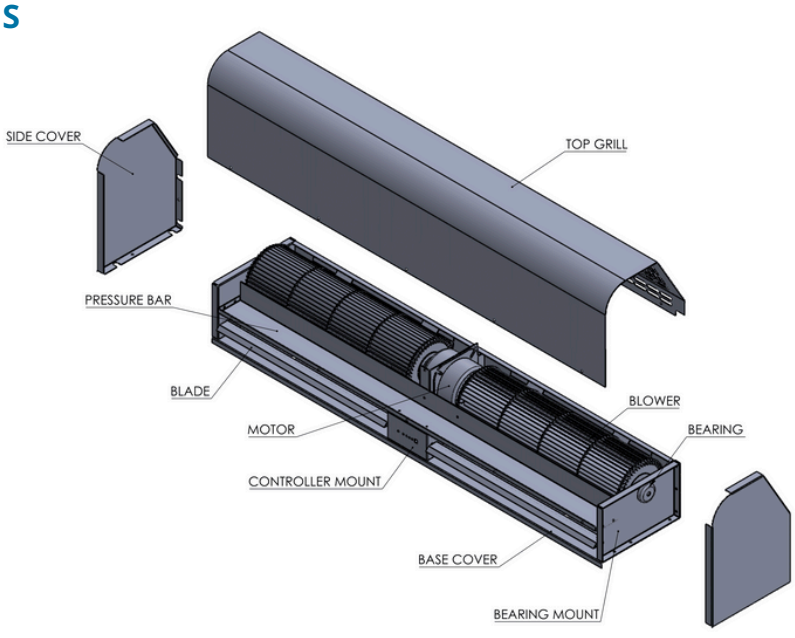
RAL 9016
Other colors
available on request

FAN RADIUS
120 - 150 mm

POWER SUPPLY (V/P/HZ)
220/1/50-60




## ILLUSTRATIONS



## TECHNICAL DATA

| MODEL | MOTOR POWER\ (w) | AIR FLOW (m3/h) | DIMENSIONS (mm) | NOISE LEVEL (dBA) | | | WEIGHT |
|---|---|---|---|---|---|---|---|
| | | L/M/H | LxDxH | L | M | H | KG |
| VC-100 | 110 | 1160/1440/1850 | 1020x202x273 | 45.9 | 46.9 | 48.9 | 14 |
| VC-120 | 110 | 1440/1740/2260 | 1220x202x273 | 46.9 | 48.9 | 49.9 | 17 |
| VC-150 | 110 | 1850/2250/2920 | 1520x202x273 | 48.9 | 49.9 | 50.9 | 20 |
| VC-200 | 220 | 2320/2800/3600 | 2020x202x273 | 49.9 | 50.9 | 51.9 | 30 |
| VC-240 | 220 | 2880/3460/4260 | 2420x202x273 | 50.9 | 51.9 | 52.9 | 35 |
| VD-H100 | 420 | 2130/2370/2950 | 1060x243x374 | 47.5 | 48.5 | 50.5 | 21 |
| VD-H120 | 420 | 2650/2950/3260 | 1260x243x374 | 48.5 | 50.5 | 51.5 | 26 |
| VD-H150 | 420 | 3420/3820/4216 | 1560x243x374 | 50.5 | 51.5 | 52.5 | 31 |
| VD-H200 | 840 | 4710/5260/5800 | 2100x243x374 | 51.5 | 52.5 | 53.5 | 42 |
| VD-H240 | 840 | 6295/6845/7385 | 2500x243x374 | 52.5 | 53.5 | 54.5 | 51 |
| VE-100 | 600 | 3847/4488/4873 | 1050x257x386 | 48 | 51 | 52 | 23 |
| VE-120 | 600 | 4657/5433/5899 | 1250x257x386 | 51 | 52 | 53 | 28 |
| VE-150 | 600 | 5872/6851/7438 | 1550x257x386 | 52 | 53 | 54 | 33 |
| VE-200 | 1200 | 7897/9213/10003 | 2080x257x386 | 53 | 54 | 55 | 45 |
| VE-240 | 1200 | 9264/10816/12568 | 2480x257x386 | 54 | 55 | 57 | 53 |

# BUILT-IN AIR CURTAINS



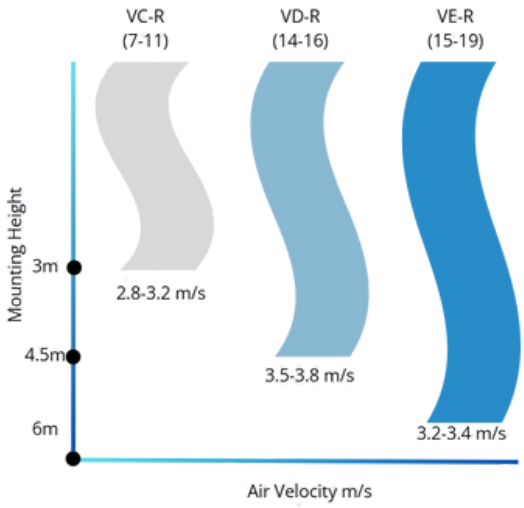
Verdant built Commercial, Dynamic and Extreme Series also known recessed or concealed type of air curtains suitable for low height ceiling space The recessed installation low sound make it first choice for Architects.

RAL 9016
Other colors
available on request

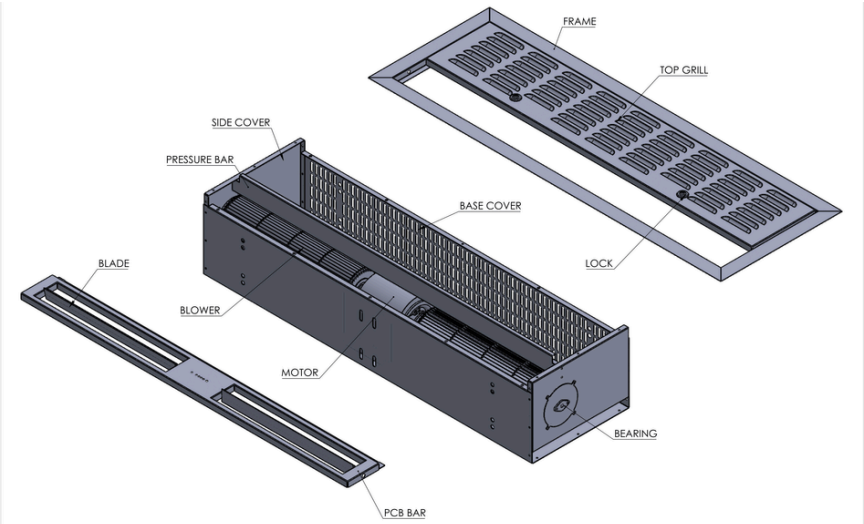
FAN RADIUS

120 - 150 mm

POWER SUPPLY (V/P/HZ)
220/1/50-60




## ILLUSTRATIONS



## TECHNICAL DATA

| MODEL | MOTOR POWER (w) | AIR FLOW (m3/h) | DIMENSIONS (mm) | NOISE LEVEL (dBA) | | | WEIGHT |
|---|---|---|---|---|---|---|---|
| | | L/M/H | LxDxH | L | M | H | KG |
| VC-R100 | 110 | 1160/1400/1800 | 1080x400x220 | 47.5 | 48.5 | 50.5 | 25 |
| VC-R120 | 110 | 1440/1740/2260 | 1280x400x220 | 48.5 | 49.5 | 50.5 | 31 |
| VC-R150 | 110 | 1850/2250/2920 | 1580x400x220 | 49.5 | 50.5 | 51.5 | 36 |
| VC-R200 | 220 | 2320/2800/3600 | 2080x400x220 | 50.5 | 51.5 | 52.5 | 48 |
| VC-R240 | 220 | 2880/3460/4260 | 2480x400x220 | 51.5 | 52.5 | 53.5 | 56 |
| VD-R100 | 420 | 2130/2370/2950 | 1160x400x220 | 48 | 51 | 53 | 25 |
| VD-R120 | 420 | 2650/2950/3260 | 1360x400x220 | 51 | 53 | 54 | 32 |
| VD-R150 | 420 | 3420/3820/4216 | 1660x400x220 | 53 | 54 | 55 | 37 |
| VD-R200 | 840 | 4710/5260/5800 | 2160x400x220 | 54 | 55 | 56 | 50 |
| VD-R240 | 840 | 6295/6845/7385 | 2560x400x220 | 55 | 56 | 57 | 55 |
| VE-R100 | 600 | 3847/4488/4873 | 1100x430x250 | 48.9 | 49.9 | 51.9 | 32 |
| VE-R120 | 600 | 4657/5433/5899 | 1300x430x250 | 49.9 | 51.9 | 52.9 | 35 |
| VE-R150 | 600 | 5872/6851/7438 | 1600x430x250 | 51.9 | 52.9 | 53.9 | 38 |
| VE-R200 | 1200 | 7897/9213/10003 | 2115x430x250 | 52.9 | 53.9 | 54.9 | 51 |
| VE-R240 | 1200 | 9264/10816/12568 | 2515x430x250 | 53.9 | 54.9 | 55.9 | 60 |

# VSS AIR CURTAINS

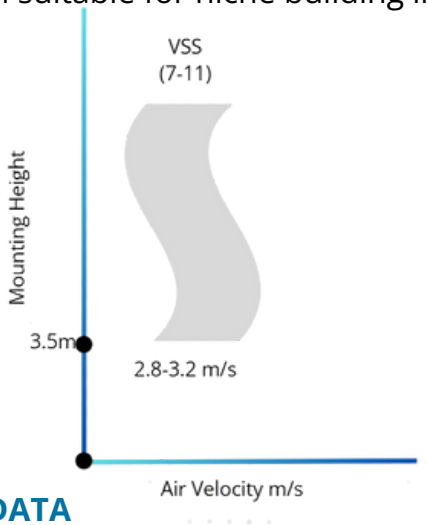


Verdant VSS Series is smart decorative air curtain suitable for niche building interior.

RAL 9016
Other colors
available on request

FAN RADIUS
120 - 150 mm

POWER SUPPLY (V/P/HZ)
220/1/50-60




## TECHNICAL DATA

| MODEL | MOTOR POWER (w) | AIR FLOW (m3/h) | DIMENSIONS (mm) | NOISE LEVEL (dBA) | | WEIGHT |
|---|---|---|---|---|---|---|
| | | L/H | LxDxH | L | H | KG |
| VSS-100 | 110 | 1160/1650 | 1000x256x250 | 47.5 | 49.5 | 25 |
| VSS-120 | 110 | 1440/2004 | 1200x256x250 | 49.5 | 50 | 31 |
| VSS-150 | 110 | 1850/2851 | 1500x256x250 | 50 | 51 | 36 |
| VSS-200 | 220 | 2320/3540 | 2000x256x250 | 51 | 52 | 48 |
| VSS-240 | 220 | 2280/4220 | 2400x256x250 | 51.5 | 52 | 53 |

# ZYPHER - SERIES AIR CURTAINS

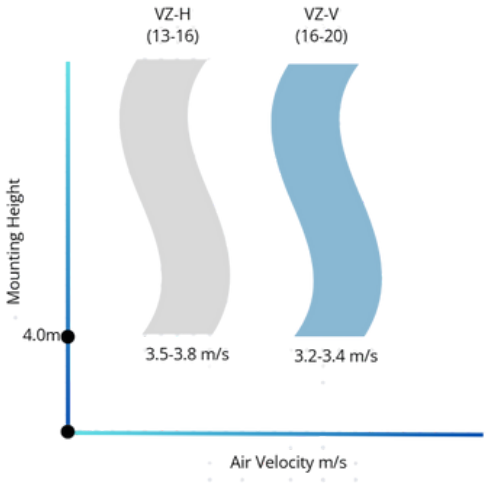


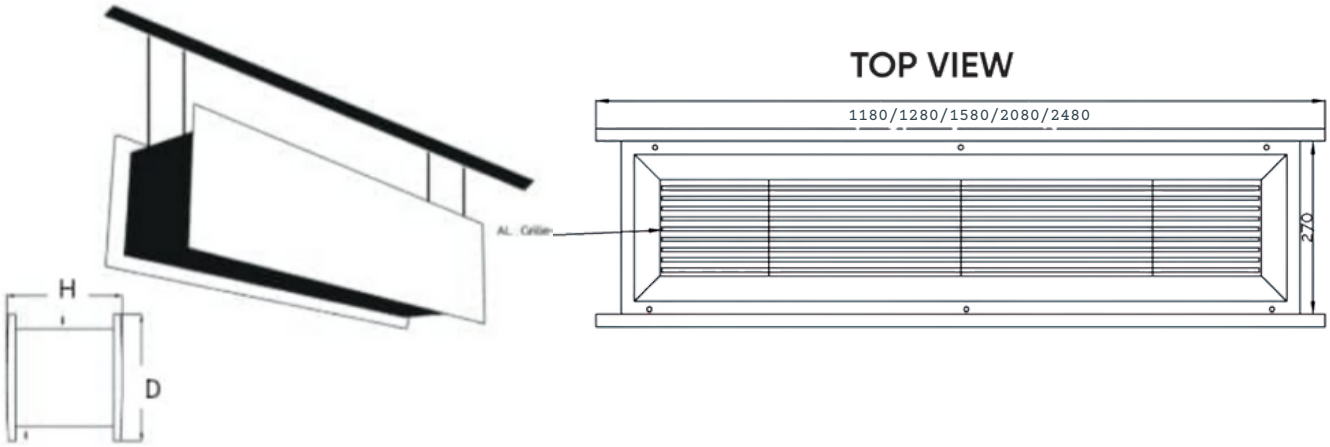

Verdant Zephyr  Series is smart decorative air curtain suitable for niche building interior.

RAL 9016
Other colors
available on request

FAN RADIUS
120  mm

POWER SUPPLY (V/P/HZ)
230/1/50-60






| MODEL | MOTOR POWER (W) | AIR FLOW (m3/h) | DIMENSIONS (mm) | NOISE LEVEL (dBA) | | WEIGHT |
|---|---|---|---|---|---|---|
| | | L/H | LxDxH | L | H | KG |
| VZ-H100 | 600 | 1950/2415 | 1080x336x316 | 44.5 | 47.5 | 25 |
| VZ-H120 | 600 | 2440/3000 | 1280x336x316 | 47.5 | 49.5 | 27 |
| VZ-H150 | 600 | 3150/3880 | 1580x336x316 | 49.5 | 51.5 | 35 |
| VZ-H200 | 1200 | 4330/5340 | 2080x336x316 | 51.5 | 53.5 | 41 |
| VZ-H240 | 1200 | 5790/6800 | 2480x336x316 | 53.5 | 56.5 | 52 |
| | | | | | | |
| VZ-V200 | 420 | 1560/2350 | 2150x336x316 | 41.5 | 43.5 | 57 |
| VZ-V250 | 600 | 2250/3100 | 2650x336x316 | 43.5 | 46.5 | 64 |
| VZ-V300 | 640 | 3000/3800 | 3150x336x316 | 43.5 | 46.5 | 75 |

# INDUSTRIAL AIR CURTAINS




Verdant Industrial series is suitable for high grade Pharma / Food Industries with surface mounting upto 8 meters

G.I BODY

FAN RADIUS
150 mm

POWER SUPPLY (V/P/HZ)
230/1/50-60

## TECHNICAL DATA

| MODEL | MOTOR POWER (w) | AIR FLOW | AIR VELOCITY | DIMENSIONS | NOISE LEVEL (dBA) | WEIGHT |
|---|---|---|---|---|---|---|
| | | m3/h | m/s | LxDxH | L | KG |
| VEH-8010 | 1200 | 3750 | 28 | 1000x287x297 | 70 | 38 |
| VEH-8020 | 1200 | 3830 | 28 | 1200x287x297 | 70 | 43 |

## ACCESSORIES



LIMIT SWITCH



MAGNETIC SENSOR



MOTION



MAGNETIC SENSOR



REMOTE CONTROL

# Verdant
## Air Curtains


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