



Ventilation Fan

Perfectly Green, Perfectly Quiet

www.deltaelectronicsindia.com



About Delta India

Delta Electronics India / Delta Power Solutions is a 100% subsidiary of Delta Electronics (Thailand) PLC, operating in India since 1992, Delta Electronics India is the provider of Telecom Power Solutions and a major source of Industrial Automation, Display Solutions, UPS, DC Fans & Blowers, Components, Bio-medical, LED Lighting, Automotive electronics and Renewable Energy Products.

With over 8 Regional Offices, 2 manufacturing facilities at Rudrapur and Gurgaon and 2 R & D centers in Gurgaon and Bangalore, Delta has a strong presence across India with more than 100 channel Partners. The company has been awarded ISO 9001:2015, ISO 14001:2015 and OHSAS 18001:2007 certifications by Underwriters' Laboratories, USA for Quality, Procedures, and Environment management.

As the "Centre for Technical Excellence" for SAARC Region, we have an impressive installation base with regional support centers all over India and the SAARC region. Besides catering to the Indian market, we export to several countries including Nepal, Bangladesh and Sri Lanka.

Today, we provide end to end comprehensive, innovative and customized solutions for Telecom, IT, Solar, Power and Industrial sectors offering our 12 product lines.

Honors and Awards

2016 - 2019

Delta Products Corporation
Named 2018 ENERGY STAR®
Partner of the Year by EPS



2017

Leadership in Environment
and Design (LEED) Gold
Award for Delta Thailand's
HQ



2011-2019

Taiwan Top 20 Global Brand



2015

Channel NewsAsia Green
Luminary Award



2014-2015

Climate Performance Leadership
Index, CPLI

2012

Thailand Prime Minister's Best



2016 & 2017

Excellence in Corporate Governance
Score and Top Quartile Companies

2019

Thailand's TOP Corporate Brand
Hall of Fame 2019 Award



2019

Stock Exchange of
Thailand's (SET) Best
Sustainability Award



MEMBER OF

**Dow Jones
Sustainability Indices**

In Collaboration with RobecoSAM

2019

Dow Jones Sustainability
Indices - World Index

2011, 2013

ASEAN Business Award
in the Innovation Category
for Large Companies



About Delta Group



Corporate Mission

To provide innovative, clean, and energy-efficient solutions for a better tomorrow.

About Delta Group

Delta was founded in 1971 and has been the global leader in switching power supply solutions since 2002 and DC brushless fans since 2006.

Delta offers the most energy efficient power products in the industry, including switching power supplies with efficiency over 90%, telecom power with up to 97.5%, and PV inverters with up to 98.8% efficiency. We have also developed the world's first server power supply certified as 80 Plus Titanium with over 96% efficiency. We commonly invest 6% to 7% of our annual sales revenues in R&D and have worldwide R&D facilities in Taiwan, China, Europe, India, Japan, Singapore, Thailand, and the U.S.

Delta is a frequent recipient of international awards and related recognition for innovation, design, and corporate social responsibility. Since 2011, Delta has been selected each year for the prestigious Dow Jones Sustainability™ World Index (DJSI World). In 2015 we were also included in the DJSI Emerging Markets Index and ranked first among 45 leading companies in the Electronic Equipment, Instrument and Component sector.

Delta was also included in to the Climate Disclosure Leadership Index (CDLI) of the 2015 CDP (formerly the Carbon Disclosure Project). Delta continues its dedication to developing technologies and solutions global warming and ensures a sustainable future for mankind.



Wall-mount Type Ventilation Fan DC Motor Technology

■ Reliability

Delta's brushless DC motor fans are engineered to outlast popular AC motor models by as much as 70%, reducing the need for replacement.

■ Less noise

Delta's brushless DC motor fans are precision engineered for low sound.



■ Efficiency

Delta brushless DC motor fans are among the most efficient ventilation fans available.

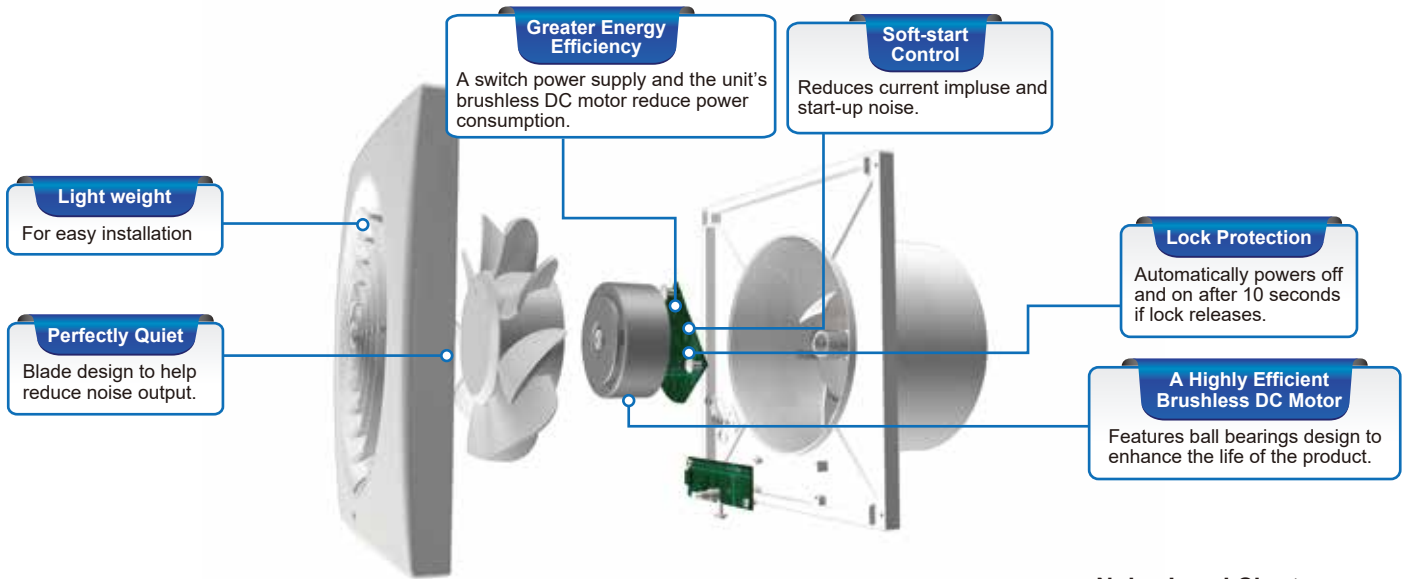
All Delta ventilation fans are precision engineered to run continuously for a minimum 70,000 hours.

■ Less power consumption

Delta's brushless DC motor fans use up to 74% less power than popular AC motor exhaust fans.

The world's leading provider of SWITCHING POWER SUPPLIES

The world's leading provider of BRUSHLESS DC MOTOR FANS

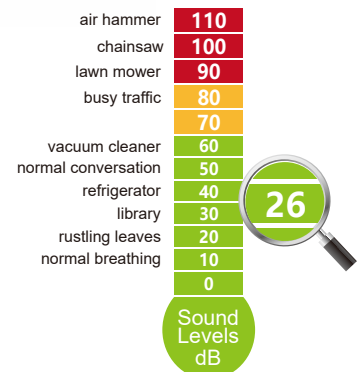


Low Noise Design

Delta fans use low noise impeller and scroll design that move a large amount of air at reduced RPMs, they are so quiet that user might not even know they are on. In low speed, the wall-mount series only has 26 dB as library background.



Noise Level Chart



Saving Energy and Saving Money

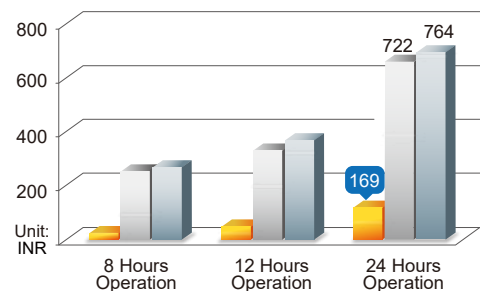
Delta's ventilation fan can help you saving energy for our earth and at same time also saving your money. Even operate 24 hours every day, the annual electricity cost will be only **169** INR

| Cost Comparison | | Delta DC Motor | Leading Brand AC Motor | Other Brand AC Motor |
|--------------------------|-------|----------------|------------------------|----------------------|
| Air flow | CMH | 200 | 210 | 180 |
| Power Consumption | Watts | 4 | 18 | 17 |
| Operating Hours/Day | Hours | 24 | 24 | 24 |
| Annual Power Consumption | kWh | 35 | 158 | 149 |
| Annual Electricity Cost | INR | 169 | 764 | 722 |

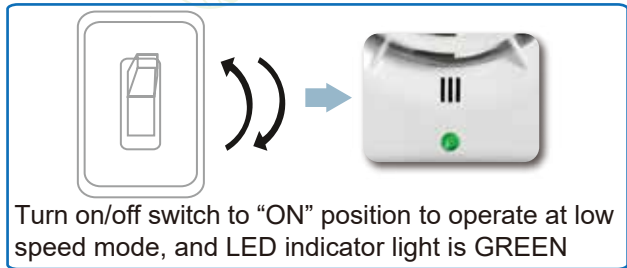
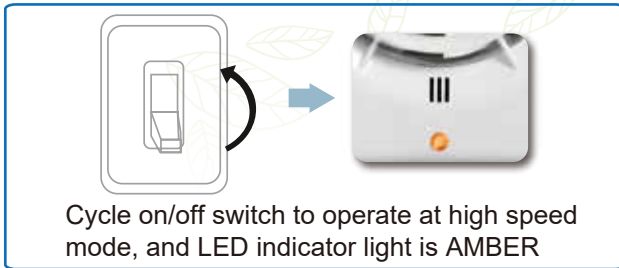
Remark:

1. Refer to Delta dual speed control model VFA15AXTH2 and operate in high speed mode
2. Electricity cost based on residential rate INR 4.85 per KWH

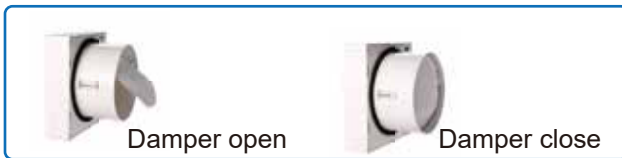
Annual Electricity Cost Comparison



Dual Speed Cycling Switching Design (※VFA10AXTH/VFA15AXTH2/VFA15AXTH-V)



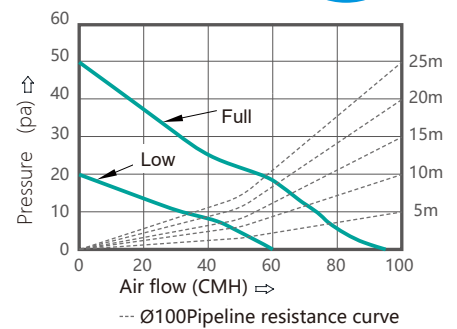
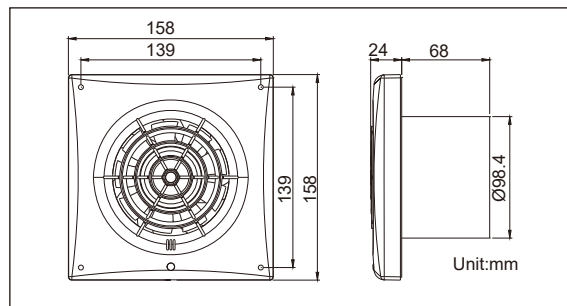
Damper Design



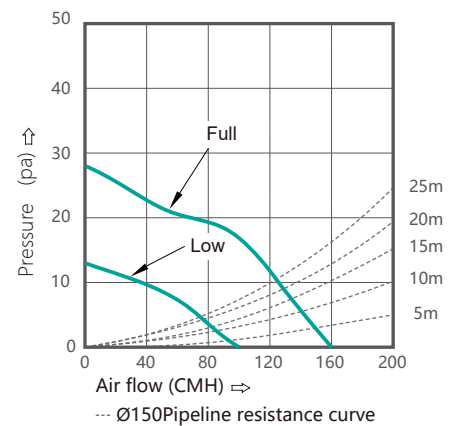
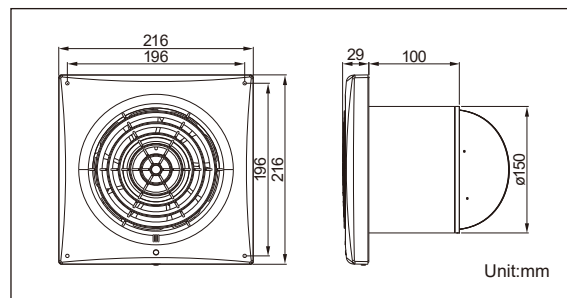
Damper is placed in the back, it can help wind and rain resistance performance (※VFA15AXTH2/VFA15ADTH2)



VFA10AXTH



VFA15AXTH-V



Characteristic Table

| MODEL | Grille Size | Mounting Opening | Install Glass Thickness | Weight | Power Rating | Power Consumption | Maximum Air Flow | | Maximum Air Pressure | | Noise | Remark |
|-------------|-------------|------------------|-------------------------|--------|--------------|-------------------|------------------|-----|----------------------|------|-------|------------|
| PART NO. | mm | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | |
| VFA10AXTH | 158 × 158 | Ø100 | 3~25 | 0.33 | 220/50 | 1.9 | 60 | 35 | 20 | 0.08 | 30 | Low Speed |
| | | | | | | 4.7 | 95 | 56 | 50 | 0.20 | 46 | Full Speed |
| VFA15AXTH-V | 216 × 216 | Ø160 | 3~25 | 0.9 | 220/50 | 2.3 | 100 | 59 | 13 | 0.05 | 24 | Low Speed |
| | | | | | | 3.7 | 160 | 94 | 28 | 0.11 | 35 | Full Speed |

* The max. air flow is measured in free air; max air pressure is measured at zero air flow.

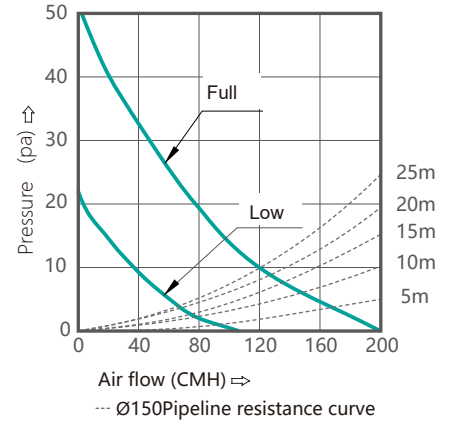
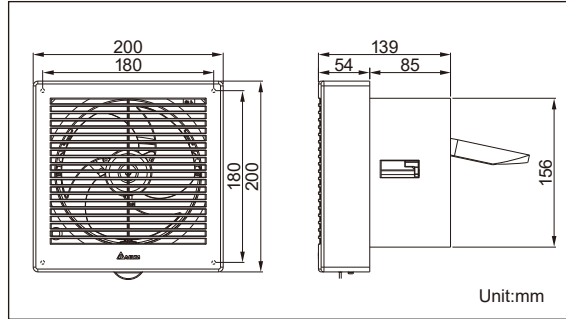
* Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side. 3 microphones to average.

* All readings are typical values at rated voltage.

* VFA10AXTH/VFA15AXTH-V operates in low speed mode (green LED) or high speed mode (amber LED) by cycling ON/OFF switch. Default is high speed.

* Specifications are subject to change without notice.

VFA15AXTH2

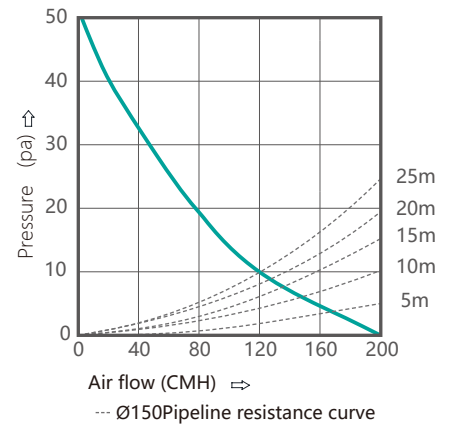
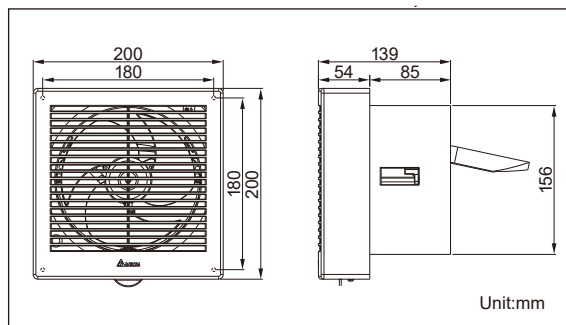


Characteristic Table

| MODEL | Grille Size | Mounting Opening | Install Glass Thickness | Weight | Power Rating | Power Consumption | Maximum Air Flow | | Maximum Air Pressure | | Noise | Remark |
|------------|-------------|------------------|-------------------------|--------|--------------|-------------------|------------------|-----|----------------------|------|-------|------------|
| PART NO. | mm | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | |
| VFA15AXTH2 | 200 × 200 | Ø160 | 3~25 | 0.7 | 220/50 | 2.0 | 100 | 59 | 23 | 0.09 | 27 | Low Speed |
| | | | | | | 4.0 | 200 | 118 | 50 | 0.20 | 38 | Full Speed |

- * The max. air flow is measured in free air; max air pressure is measured at zero air flow.
- * Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side. 3 microphones to average.
- * All readings are typical values at rated voltage.
- * VFA15AXTH2 operates in low speed mode (green LED) or high speed mode (amber LED) by cycling ON/OFF switch. Default is high speed.
- * Specifications are subject to change without notice.

VFA15ADTH2



Characteristic Table

| MODEL | Grille Size | Mounting Opening | Install Glass Thickness | Weight | Power Rating | Power Consumption | Maximum Air Flow | | Maximum Air Pressure | | Noise | Remark |
|------------|-------------|------------------|-------------------------|--------|--------------|-------------------|------------------|-----|----------------------|------|-------|--------|
| PART NO. | mm | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | |
| VFA15ADTH2 | 200 × 200 | Ø160 | 3~25 | 0.7 | 220/50 | 4.0 | 200 | 118 | 50 | 0.20 | 38 | |

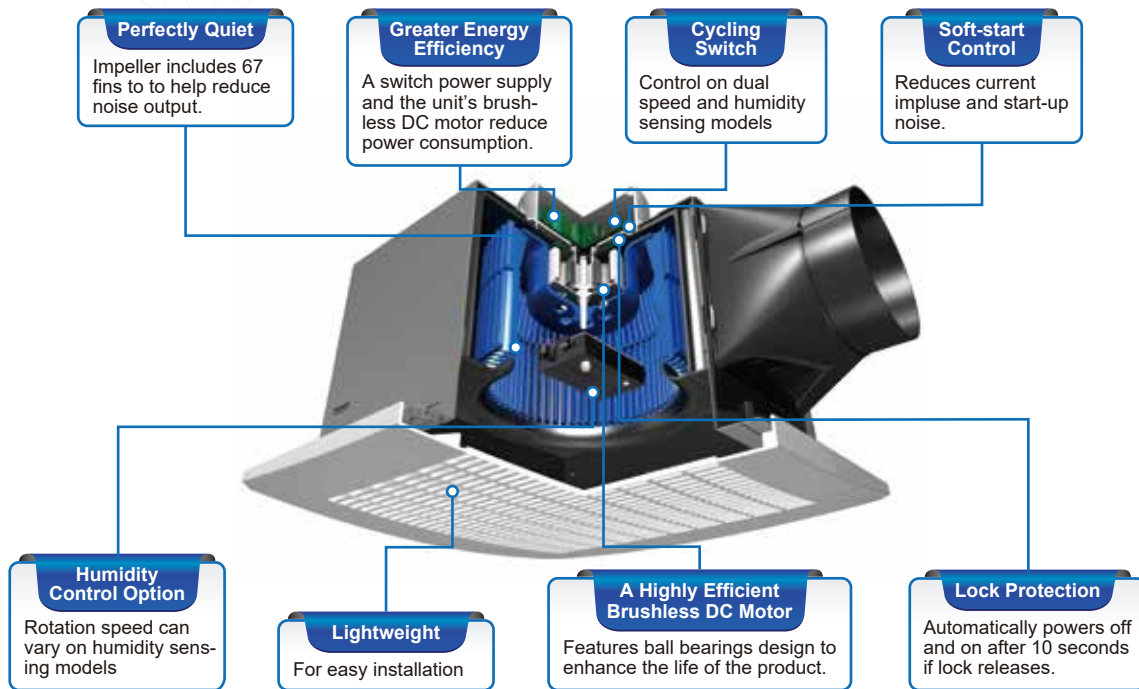
- * The max. air flow is measured in free air; max air pressure is measured at zero air flow.
- * Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side. 3 microphones to average.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.



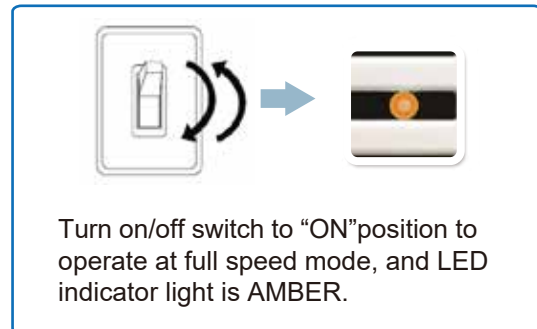
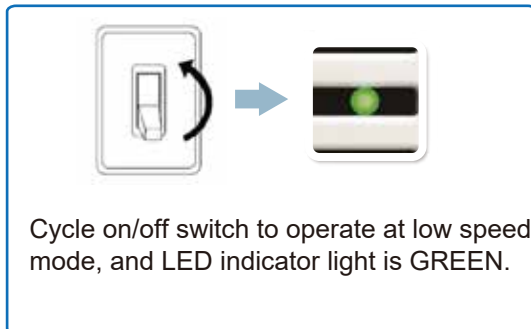
Ceiling Type Ventilation Fan DC Motor Technology



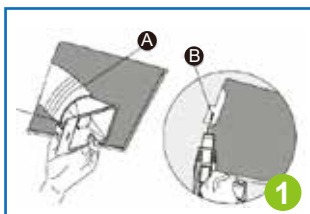
- Reliability
- Less power consumption
- Less noise
- Efficiency



Dual Speed Cycling Switching Design



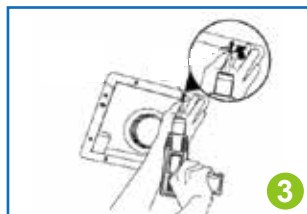
Easy Installation (Ceiling Type Fan)



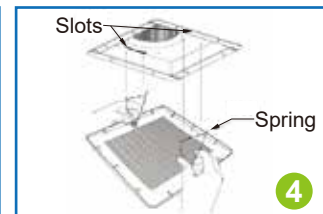
1. **A:** Secure duct with wind pipe
B: Fix on ceiling with 1 screw



2. Assemble main unit with duct and put into ceiling



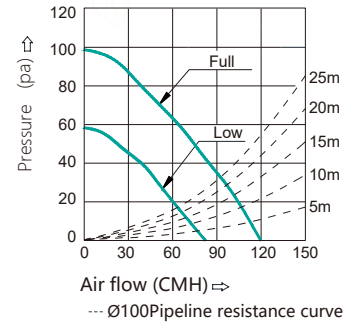
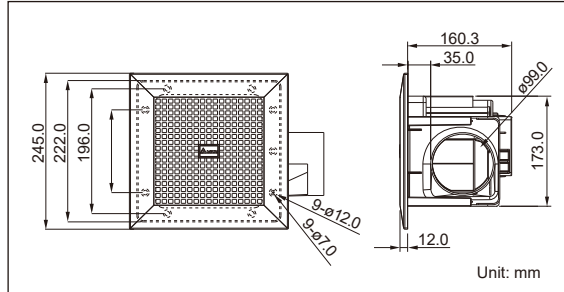
3. Fix to ceiling with four screws



4. Assemble grille with fan body

Ceiling Mount Type with Duct VFB080XTH

Dual Speed



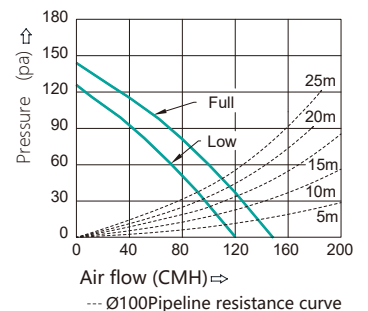
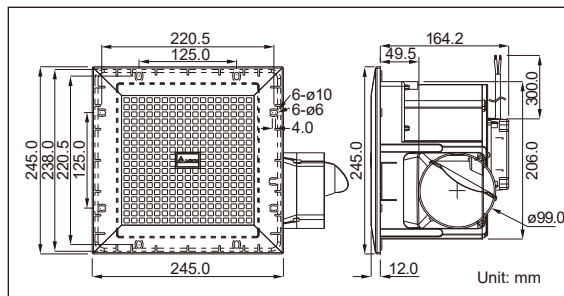
Characteristic Table

| MODEL | Grille Size | Mounting Opening | Duct Size | Weight | Power Rating | Power Consumption | Maximum Air Flow | | Maximum Air Pressure | | Noise | Remark |
|-----------|-------------|------------------|-----------|--------|--------------|-------------------|------------------|-----|----------------------|------|-------|------------|
| PART NO. | mm | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | |
| VFB080XTH | 245 × 245 | 175 × 175 | 100 | 1.35 | 220/50 | 2.8 | 80 | 47 | 56 | 0.22 | 28 | Low Speed |
| | | | | | | 7.5 | 120 | 70 | 96 | 0.38 | 37 | Full Speed |

- * The max. air flow is measured in free air; max air pressure is measured at zero air flow.
- * Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side. 3 microphones to average.
- * All readings are typical values at rated voltage.
- * VFB080XTH operates in low speed mode (green LED) or full speed mode (amber LED) by cycling ON/OFF switch. Default is low speed.
- * Specifications are subject to change without notice.

Ceiling Mount Type with Duct VFB120XTH

Dual Speed



Characteristic Table

| MODEL | Grille Size | Mounting Opening | Duct Size | Weight | Power Rating | Power Consumption | Maximum Air Flow | | Maximum Air Pressure | | Noise | Remark |
|-----------|-------------|------------------|-----------|--------|--------------|-------------------|------------------|-----|----------------------|------|-------|------------|
| PART NO. | mm | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | |
| VFB120XTH | 245 × 245 | 210 × 210 | 100 | 1.2 | 220/50 | 6.0 | 120 | 70 | 130 | 0.52 | 35 | Low Speed |
| | | | | | | 10.6 | 150 | 88 | 140 | 0.56 | 40 | Full Speed |

- * The max. air flow is measured in free air; max air pressure is measured at zero air flow.
- * Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side. 3 microphones to average.
- * All readings are typical values at rated voltage.
- * VFB120XTH operates in low speed mode (green LED) or full speed mode (amber LED) by cycling ON/OFF switch. Default is low speed.
- * Specifications are subject to change without notice.

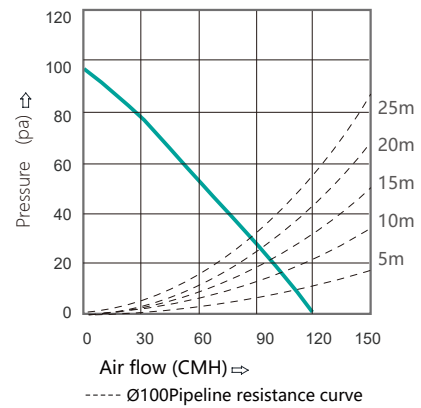
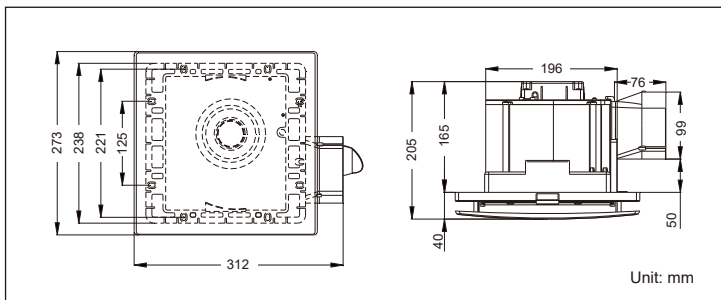
Ceiling Mount Type with washable filter VFB150CTH-F

Washable Filter

WARRANTY
5 YEAR



VFB150 filter series adopt removable long-life high-efficiency filters for the design. Filters can be easily pulled out and washed, tackling the hassle of ventilation fan cleaning. Certified by the EN779: 2012 standard, the filters can block dusts in the air to go into the fan.



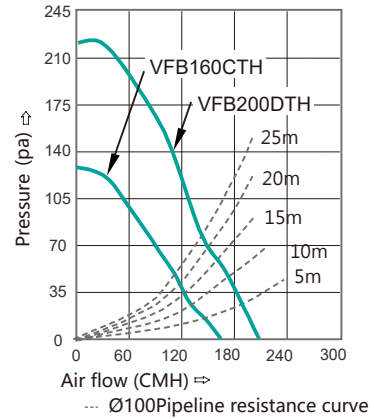
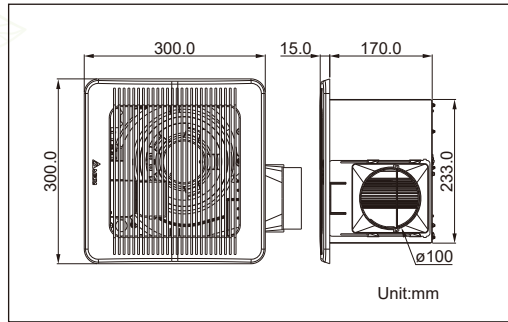
Characteristic Table

| MODEL | Grille Size | Mounting Opening | Duct Size | Weight | Power Rating | Power Consumption | Maximum Air Flow | Maximum Air Pressure | Noise | Remark | |
|-------------|-------------|------------------|-----------|--------|--------------|-------------------|------------------|----------------------|-------|--------|------|
| PART NO. | mm | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A |
| VFB150CTH-F | 273 X 273 | 210 X 210 | Ø100 | 1.4 | 220/50 | 10.6 | 150 | 88.3 | 116 | 0.47 | 40 |

- ** The max. air flow is measured in free air; the max. air pressure is measured at zero air flow.
- * Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side, 3 microphones to average.
- * The performance values aren't included backdraft damper.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

VFB160CTH VFB200DTH

Single Speed **WARRANTY 5 YEAR**



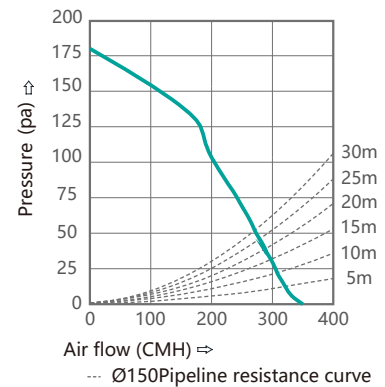
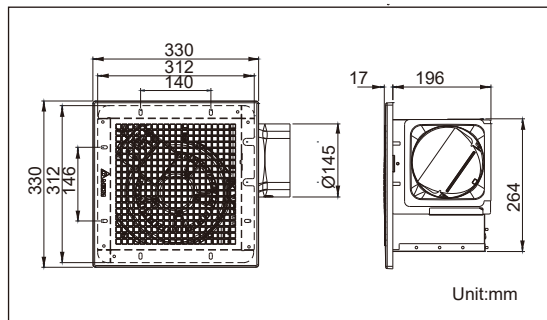
Characteristic Table

| MODEL | Grille Size | Mounting Opening | Duct Size | Weight | Power Rating | Power Consumption | Maximum Air Flow | | Maximum Air Pressure | | Noise | Remark |
|-----------|-------------|------------------|-----------|--------|--------------|-------------------|------------------|-----|----------------------|------|-------|--------|
| PART NO. | mm | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | |
| VFB160CTH | 300 × 300 | 240 × 240 | Ø100 | 3.4 | 220/50 | 7.0 | 160 | 94 | 127 | 0.50 | 33 | |
| VFB200DTH | 300 × 300 | 240 × 240 | Ø100 | 3.4 | 220/50 | 11.0 | 200 | 117 | 215 | 0.86 | 38 | |

- * The max. air flow is measured in free air; max air pressure is measured at zero air flow.
- * Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side. 3 microphones to average.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

VFB350FTH

Single Speed **WARRANTY 5 YEAR**

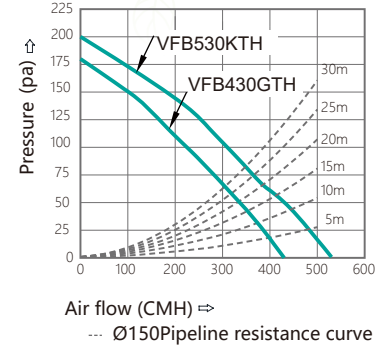
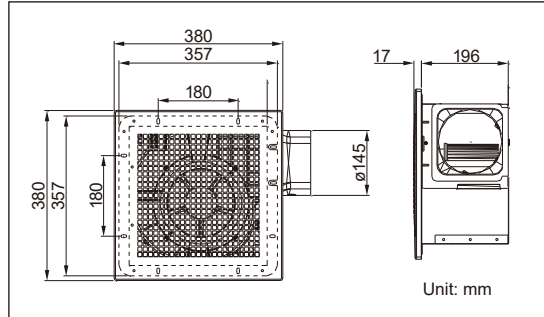


Characteristic Table

| MODEL | Grille Size | Mounting Opening | Duct Size | Weight | Power Rating | Power Consumption | Maximum Air Flow | | Maximum Air Pressure | | Noise | Remark |
|-----------|-------------|------------------|-----------|--------|--------------|-------------------|------------------|-----|----------------------|------|-------|--------|
| PART NO. | mm | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | |
| VFB350FTH | 330 × 330 | 270 × 270 | Ø150 | 3.8 | 220/50 | 20.0 | 350 | 206 | 180 | 0.72 | 35 | |

- * The max. air flow is measured in free air; max air pressure is measured at zero air flow.
- * Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side. 3 microphones to average.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

VFB430GTH VFB530KTH



Characteristic Table

| MODEL | Grille Size | Mounting Opening | Duct Size | Weight | Power Rating | Power Consumption | Maximum Air Flow | | Maximum Air Pressure | | Noise | Remark |
|-----------|-------------|------------------|-----------|--------|--------------|-------------------|------------------|-----|----------------------|------|-------|--------|
| PART NO. | mm | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | |
| VFB430GTH | 380 × 380 | 320 × 320 | Ø150 | 5.7 | 220/50 | 17.5 | 430 | 253 | 180 | 0.72 | 36 | |
| VFB530KTH | 380 × 380 | 320 × 320 | Ø150 | 5.7 | 220/50 | 37.0 | 530 | 312 | 200 | 0.80 | 41 | |

* The max. air flow is measured in free air; max air pressure is measured at zero air flow.

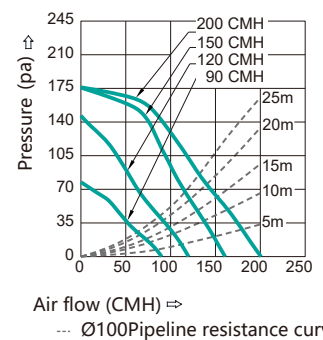
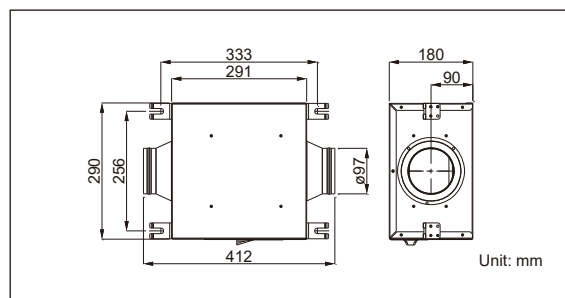
* Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side. 3 microphones to average.

* All readings are typical values at rated voltage.

* Specifications are subject to change without notice.

In-line exhaust fan

VDB120BXTH VDB200DXTH



Characteristic Table

| MODEL | Mounting Opening | Duct Size | Weight | Power Rating | Power Consumption | Maximum Air Flow | | Maximum Air Pressure | | Noise | Remark |
|------------|----------------------------|-----------|--------|--------------|-------------------|------------------|-----|----------------------|------|------------|-----------|
| PART NO. | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | |
| VDB120BXTH | Refer to Dimension Drawing | 100 | 5.5 | 220/50 | 3.2 | 90 | 53 | 75 | 0.30 | 16 | Low Speed |
| 6 | | | | | 120 | 71 | 140 | 0.56 | 17 | Full Speed | |
| VDB200DXTH | | | | | 9 | 150 | 88 | 175 | 0.70 | 17 | Low Speed |
| 17 | | | | | 200 | 118 | 175 | 0.70 | 21 | Full Speed | |

* The max. air flow is measured in free air; max air pressure is measured at zero air flow.

* The noise is measured in semi-anechoic chamber, at 1.5meter under ceiling to simulate real installation (mounting fan on the ceiling, ducted inlet and outlet).

* All readings are typical values at rated voltage.

* VDB120BXTH / VDB200DXTH operates in low speed mode or full speed mode by 2 switches.

* Specifications are subject to change without notice.

In-line Supply Fan With HEPA Filter DC Motor Technology

**DC MOTOR
TECHNOLOGY**



High Efficiency DC Motor

Double High Efficiency Filters

Easy Installation

Constant Airflow Technology

Energy-saving and Quiet

Three Years Warranty

A Highly Efficient Brushless DC Motor

Features ball bearings design to enhance the life of the product.

Double High Efficiency Filter

Filter air for double protection PM 2.5 purification efficiency of HEPA filter is over 99.6% (*In-line Supply Fan With HEPA Filter)

Greater Energy Efficiency

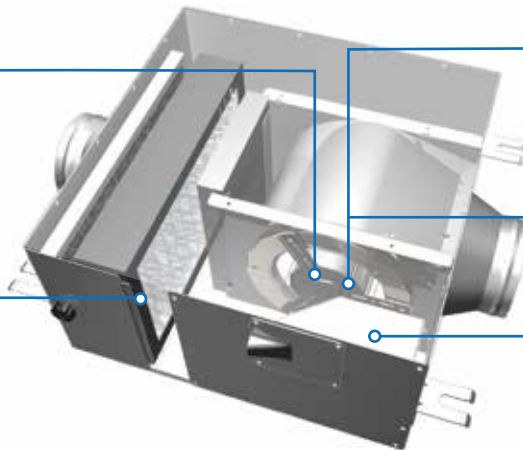
A switch power supply and the unit's brushless DC motor reduce power consumption.

Soft-start Control

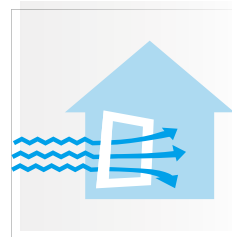
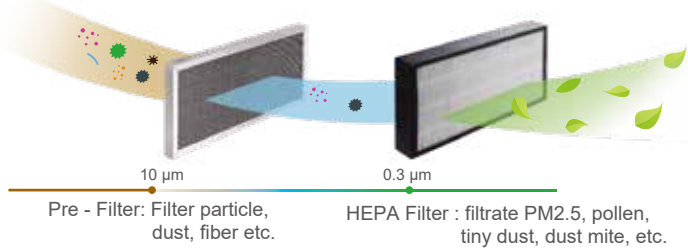
Reduces current impulse and start-up noise.

Lock Protection

Automatically powers off and on after 10 seconds if lock releases.



Filter air for double protection
Purification efficiency :PM2.5 purification of HEPA filter is over 99.6%



Constant Airflow Technology



High efficiency DC Brushless Motor:
Permanent magnet motor

Delta **DC** Motor

Other **AC** Motor

Keep high air flow performance **150 m³/h**

Air flow reduce by distance.

※It compares with the same 150m³/h AC motor fan product.



Compact size
It only needs a small space and easy installation




Good for interior design
It only needs small air grills and keeps your home clean.


In-line Supply Fan With HEPA Filter

VDB150CXTH-F
VDB400GXTH-F







Filter



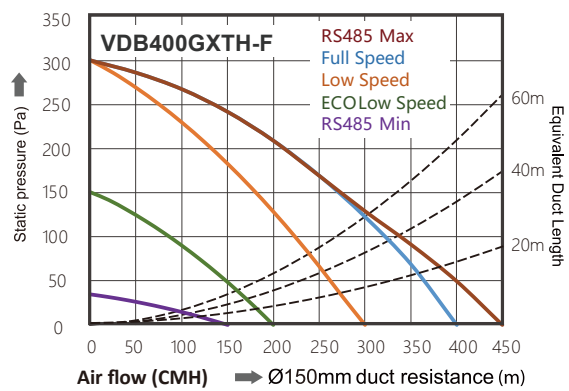
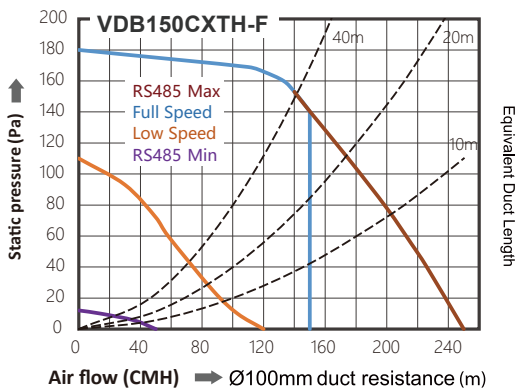
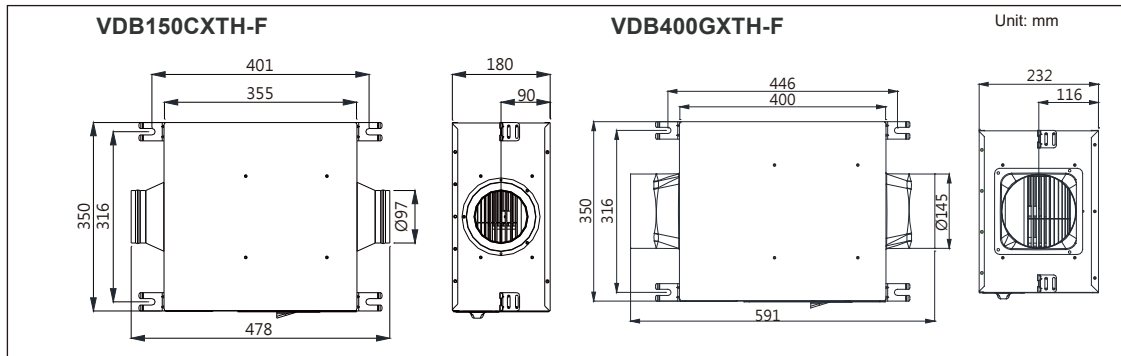
Super Quiet



Dual Speed



WARRANTY
5 YEAR



Characteristic Table

| MODEL | Mounting Opening | Duct Size | Weight | Power Rating | Power Consumption | Maximum Air Flow | Maximum Air Pressure | Noise | PM2.5 Filtration Efficiency | Remark | | |
|--------------|----------------------------|-----------|--------|--------------|-------------------|------------------|----------------------|----------|-----------------------------|------------|-----|------------|
| PART NO. | mm | mm | kg | VAC/Hz | Watts | CMH | CFM | Pa | inAq | dB-A | % | |
| VDB150CXTH-F | Refer to Dimension Drawing | 100 | 8 | 220/50 | Max. 40 | 50-250 | 29-147 | 180 | 0.44 | 30 Max. | ≥97 | RS485 |
| 8 | | | | | 120 | 71 | 110 | 0.72 | 21 | Low Speed | | |
| 14 | | | | | 150 | 88 | 180 | 0.72 | 23 | Full Speed | | |
| Max. 62 | | | | | 150-450 | 88-265 | 35-300 | 0.14-1.2 | Max.45 | RS485 | | |
| VDB400GXTH-F | Refer to Dimension Drawing | 150 | 10 | 220/50 | 12 | 200 | 118 | 150 | 0.6 | 23 | ≥95 | ECO |
| 25 | | | | | 300 | 176 | | | 28 | Low Speed | | |
| 55 | | | | | 400 | 235 | 300 | 1.2 | 32 | Low Speed | | |
| | | | | | | | | | | | | Full Speed |

- * The max. air flow is measured in free air; max air pressure is measured at zero air flow.
- * Noise is measured in semi-anechoic chamber in free air, one meter from intake, right and left side. 3 microphones to average.
- * All readings are typical values at rated voltage.
- * Specifications are subject to change without notice.

Accessory List

| MODEL | Name | Part No. | Qty |
|--------------|-------------|--------------|-----|
| VDB150CXTH-F | Pre-filter | VFRU-36-01PF | 1 |
| | HEPA Filter | VFRU-36-02HF | 1 |

| MODEL | Name | Part No. | Qty |
|--------------|-------------|--------------|-----|
| VDB400GXTH-F | Pre-filter | VFRU-40-01PF | 1 |
| | HEPA Filter | VFRU-40-02HF | 1 |

Comprehensive Testing Process Ensures Reliability



Wind Tunnel Lab.



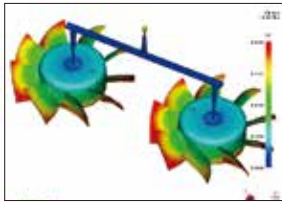
Anechoic Chamber



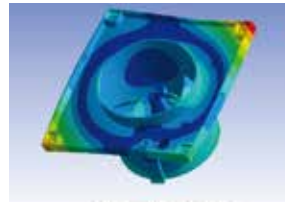
Water Spray Test



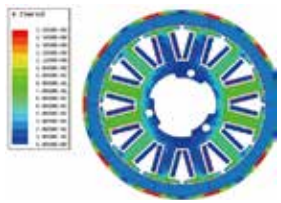
Mechanical Shock



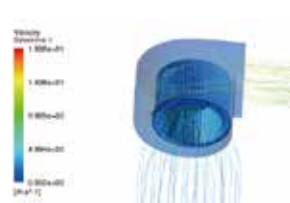
Molding Analysis



Structure Analysis



Flow Analysis



CFD

Physical Testing for Ventilation Fan Reliability

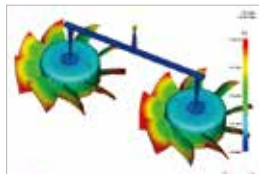
Laboratory testing of Delta products analyzes functionality, durability under harsh conditions, and construction for long life. The Basic Function Test checks current, speed and noise, while the Safety Test includes leakage current, Hipot (high potential), ground bond and insulation testing. Comprehensive reliability testing continues with:

- Low Temperature and High Temp/Rating Voltage on/off Test
- Temperature Cycling & Power Switching
- Impeller Locked Test
- Random Vibration and Drop (packing)
- Operational and Non-operation Vibration
- Mechanical Shock
- Thermal Shock
- Humidity Exposure
- Water Spray
- Life Test

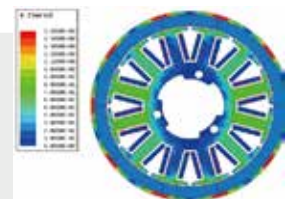
Design & Analysis Technology

Delta's design and analysis technology utilizes 3D and 2D tools to conduct thorough examination during the design and production phases. Software simulations to enable the highest standards of performance include:

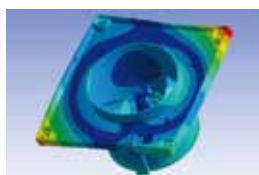
Moldflow Analysis Software
Plastic mold Flow Analysis



Aerodynamic Simulation Software
Air flow analysis



Structure Simulation Software
Structure analysis for stress and vibration



Computational fluid dynamics
Fan blade curve design



Certified Management System



ISO 9001:2008
Quality Management
System



ISO 14001:2004
Environmental
Management System



ISO QC08000
Hazardous Substance
Management System



ISO 14064
Greenhouse Gas
Accounting and
Verification

Product Certification



U.S. ENERGY STAR



North America UL



Thailand TISI



China 3C



Japan PSE



Taiwan BSMI

How to Choose Ventilation Fan

When install ventilation fan, please refer to this formula:

$$\text{Air flow (CMH)} = \text{Room Space (m}^3\text{)} * \text{Air Exchange per Hour (n)}$$

| Installed Area | | Air Exchange per Hour (n) | Installed Area | | Air Exchange per Hour (n) | Installed Area | | Air Exchange per Hour (n) |
|----------------|----------------------|---------------------------|----------------|-----------------------------|---------------------------|------------------|-----------------|---------------------------|
| Hotel | Restaurant | 8 | Hospital | Waiting room | 10 | Cinema | Projection Room | 10 |
| | Kitchen | 15 | | Clinic, Ward | 6 | | | |
| | Lobby | 5 | | Operating Room | 5 | | | |
| | Restroom | 5 | School | Laboratory, Hall, Classroom | 8 | Factory | Office | 6 |
| | Laundry | 15 | | Gymnasium | 8 | | Copy Room | 20 |
| Residence | Apartment | 15 | Office | Toilet | 12 | Pub & Restaurant | Restaurant | 6 |
| | Bathroom, Toilet | 10 | | Office | 6 | | Kitchen | 20 |
| | Living room, Bedroom | 6 | | Meeting Room | 12 | | | |



Delta Group is the world's largest manufacturer of brushless DC fans and a leading provider of switching power supplies.

Our company mission is **“To provide innovative, clean and energy efficient solutions for a better tomorrow”**

India

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Jul. 2021– All information and specifications are subject to change without prior notice.