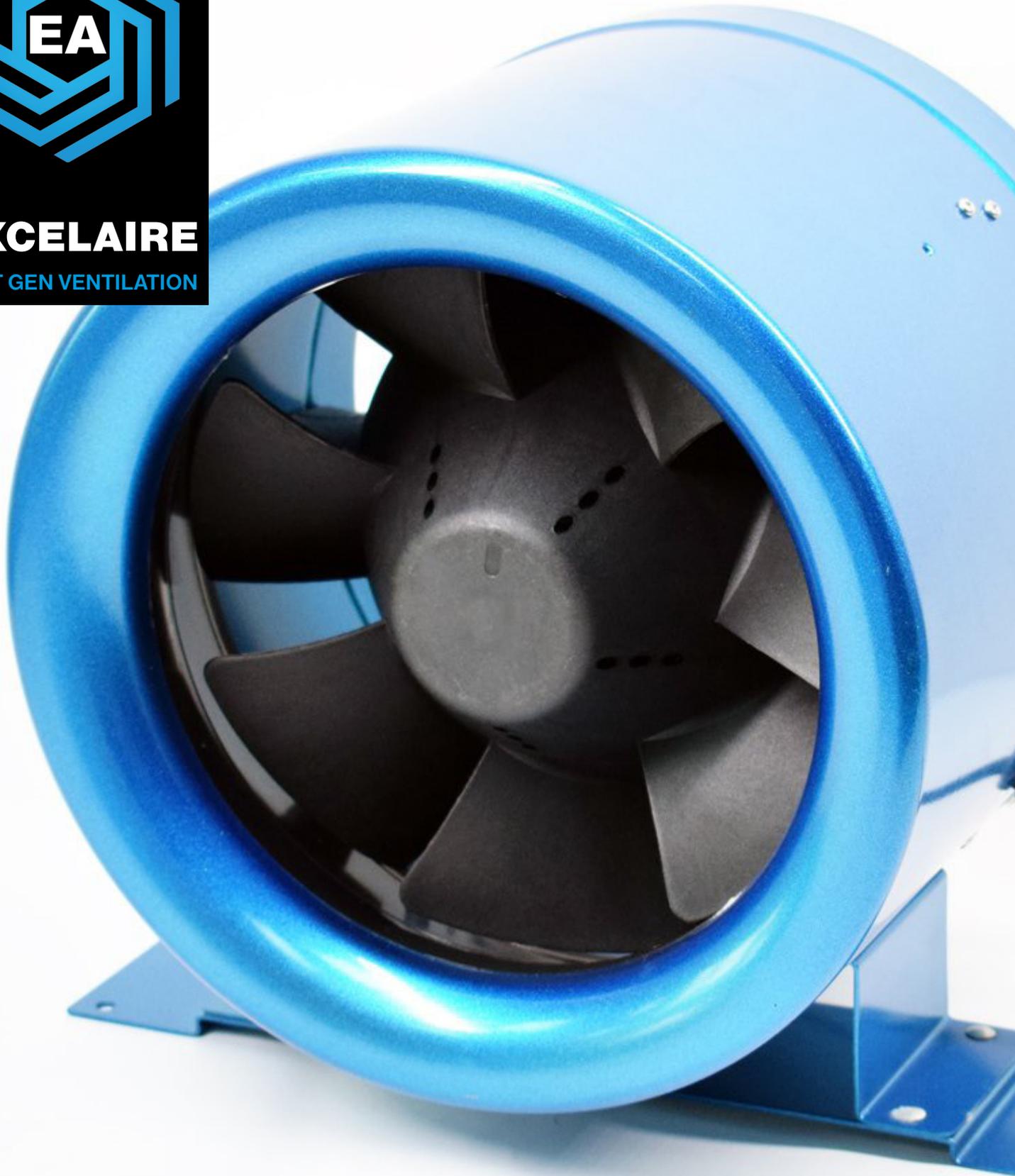


[www.excelaire.com.au](http://www.excelaire.com.au)

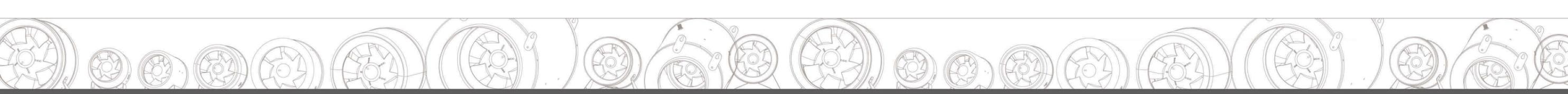


**EXCELAIRE**  
NEXT GEN VENTILATION



**HURACAN<sup>®</sup>**

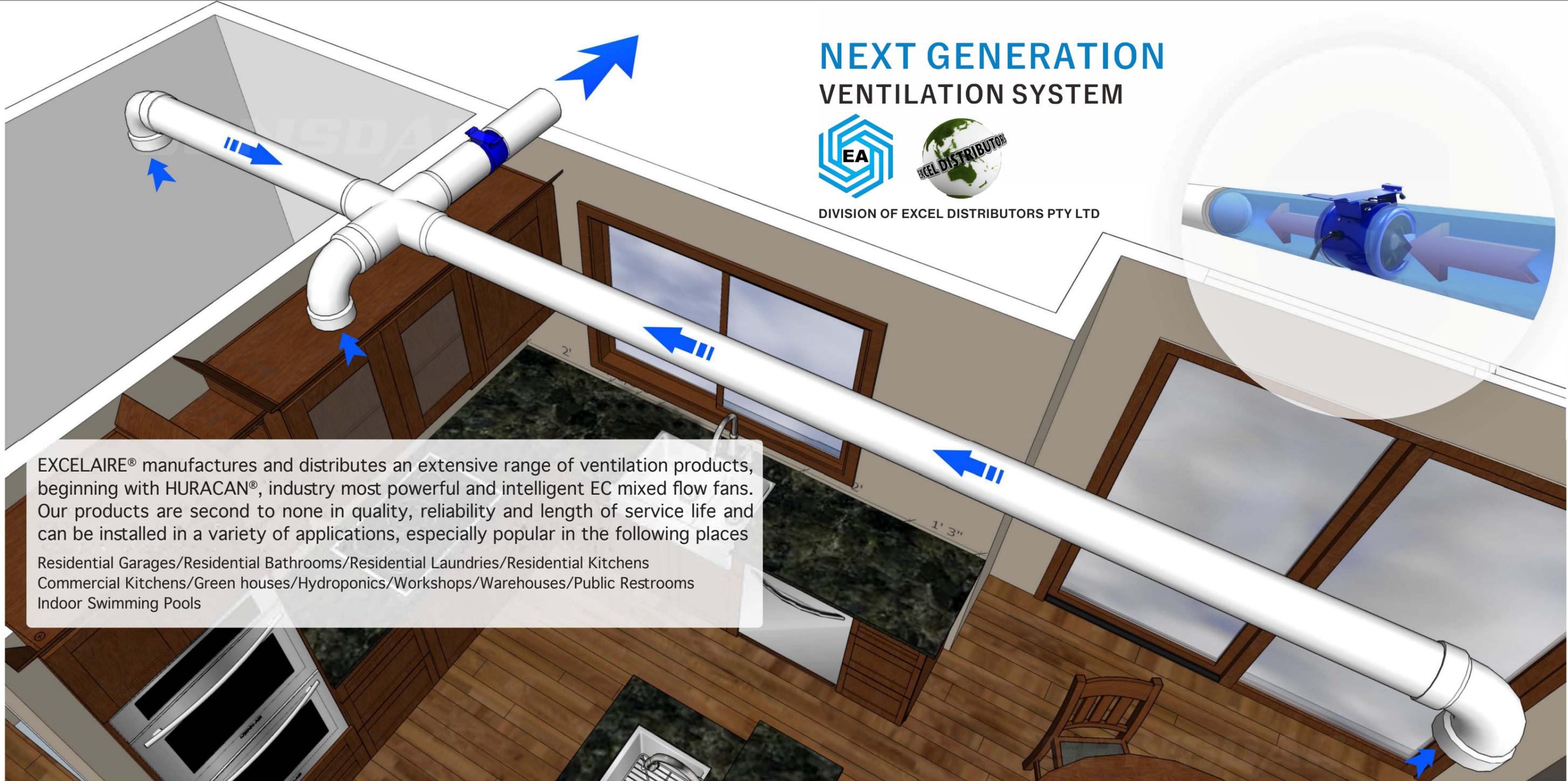
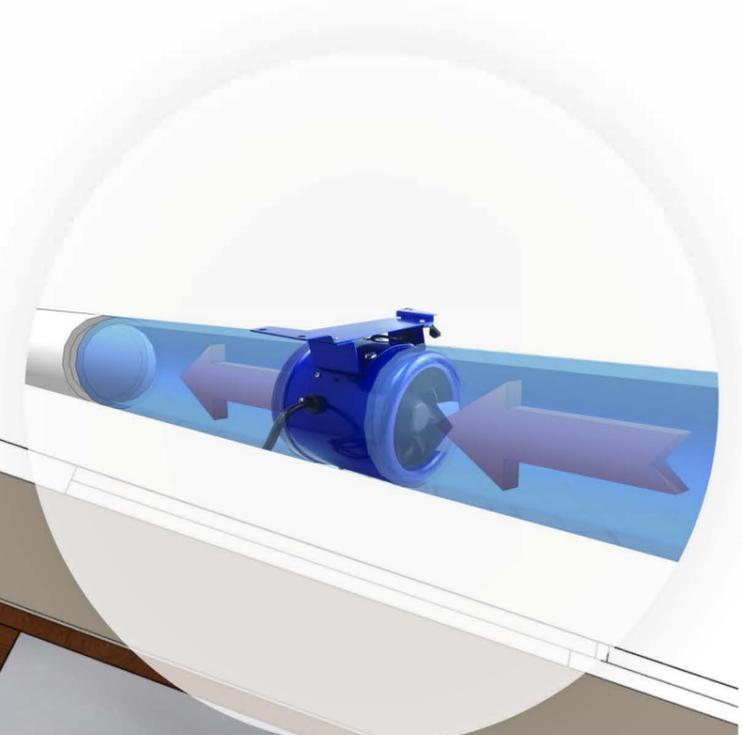
EC ENERGY EFFICIENT IN LINE MIXED FLOW FANS



# NEXT GENERATION VENTILATION SYSTEM



DIVISION OF EXCEL DISTRIBUTORS PTY LTD



EXCELAIRE® manufactures and distributes an extensive range of ventilation products, beginning with HURACAN®, industry most powerful and intelligent EC mixed flow fans. Our products are second to none in quality, reliability and length of service life and can be installed in a variety of applications, especially popular in the following places

Residential Garages/Residential Bathrooms/Residential Laundries/Residential Kitchens  
 Commercial Kitchens/Green houses/Hydroponics/Workshops/Warehouses/Public Restrooms  
 Indoor Swimming Pools



Changing Room



Public Smoking Sites



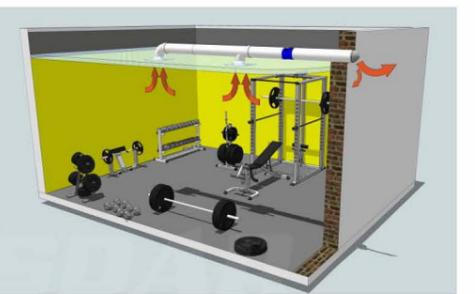
Toilet & Public Washing Room



Commercial & Industrial Building



Convention Center & Enclosed Room



Gym Center & Sports Hall

# INNOVATIVE VENTILATION FAN EC INLINE MIXED FLOW FAN

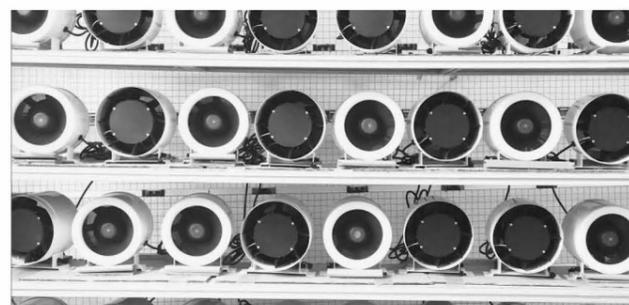


## OUTSTANDING FEATURES

1. Jet-Engine design double impellers to create higher static air pressure and make air movement more impressive.
2. Aluminum / cold-rolled steel fan housing to resist outer compact and adapted to tough operating environment.
3. Brushless EC intellectual fan motor to ensure its energy efficiency and greater performance.
4. Variable speed control from 0% to 100%, detachable and concealed control switch optional
5. Heavey duty NMB bearing to last longer
6. Inustry most powerful & inteligent fans
7. Compact size design for least installation space



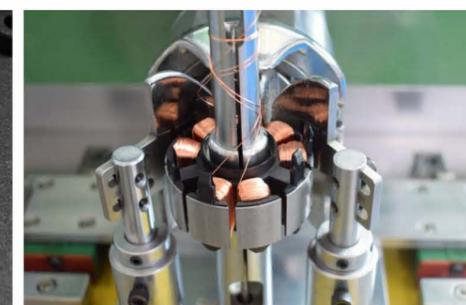
Fan Assembly Line Exclusively EC Mixed Flow Fan



Burning-in Test before Package and Delivery



Heavy Duty NMB Ball Bearing



Multiple Phase Fan Motor Winding



A fixed Impeller at fan rear

# HURACAN® 100B

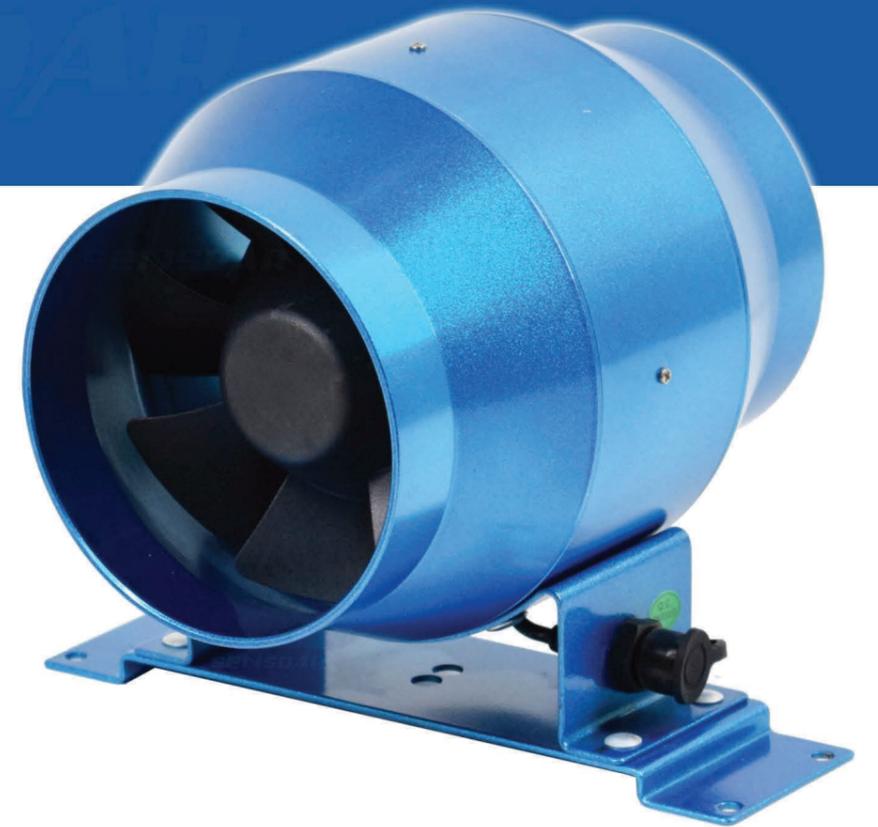
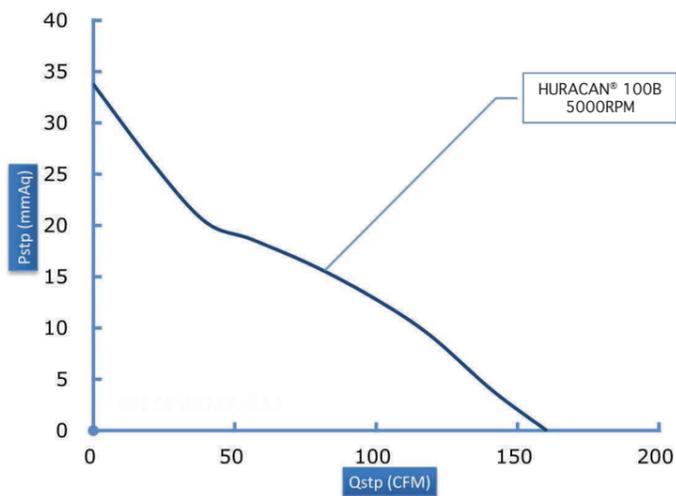
4" | 100mm | 18Watts  
275M<sup>3</sup>H | 160CFM | 334Pa



## Main Features:

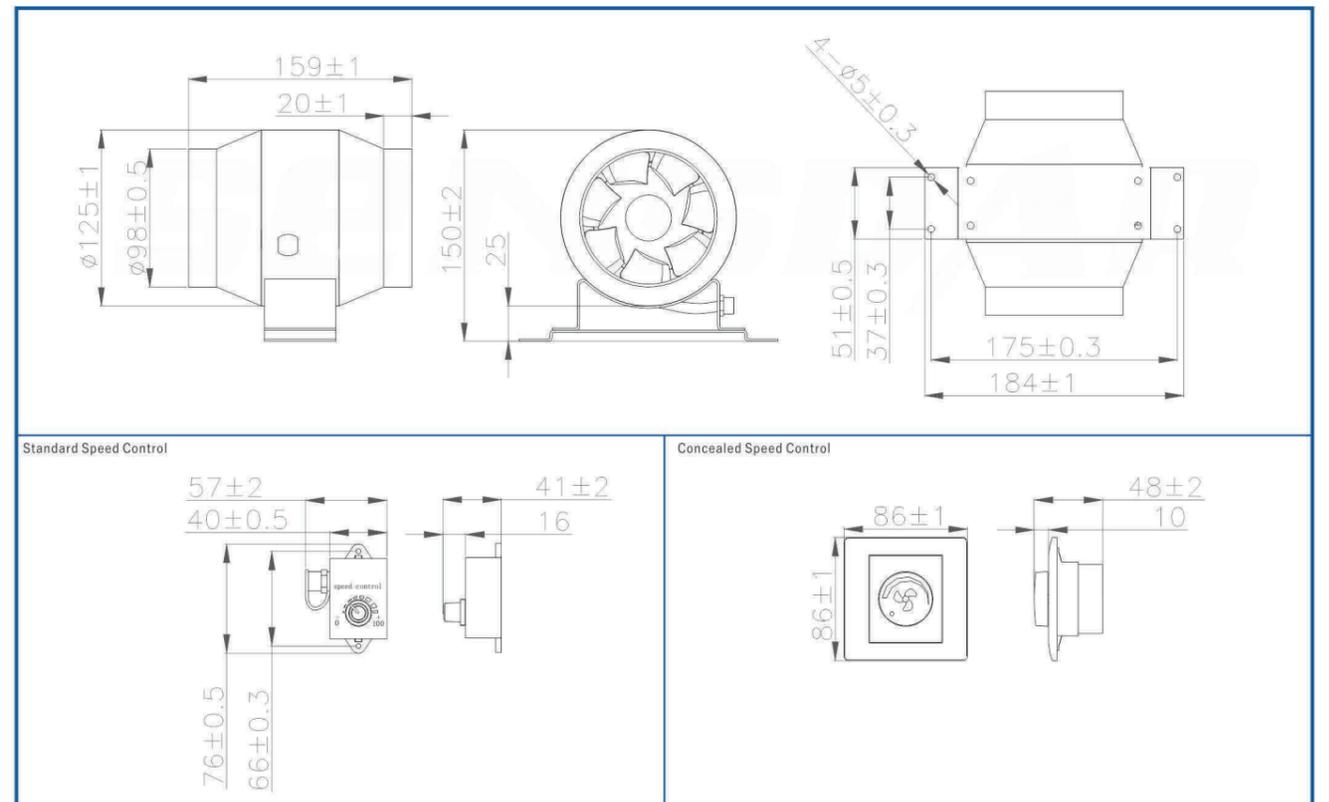
HURACAN® 100B mixed flow in-line fan is a patented product, truly compact unit occupying the least space with very wide applications. The fan is built with aluminium housing and jet-engine design double impellers, and equipped with the cutting-edge brush less EC motor. Thanks to its up-to-date design in the industry, it can work on much lower power consumption and deliver greater air volume and static air pressure.

- Blade Fire Proofing Grade UL94V-0
- Detachable 0%-100% Speed Control (potentiometer) Included / Concealed Switch (Optional)
- 4-Poles Brush less Motor with Hall IC
- Double Heavy Duty NMB Ball Bearing
- Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor



Fan Size	4 inch   100mm
Rated Voltage	240V AC
Max. Power C.	18W
Frequency	50Hz   60Hz
Max. Speed	5000RPM
Max. Airflow	160CFM   275M <sup>3</sup> H
Static Pressure	34mmH <sup>2</sup> O   334Pa
Noise Level	56.8dBA
Housing Material	Aluminium
Impeller Design	Mixed Flow
Motor Type	EC Motor
Net Weight	1.1Kgs
IP Rating	IPX4

## Dimensions (mm)



# HURACAN® 125B

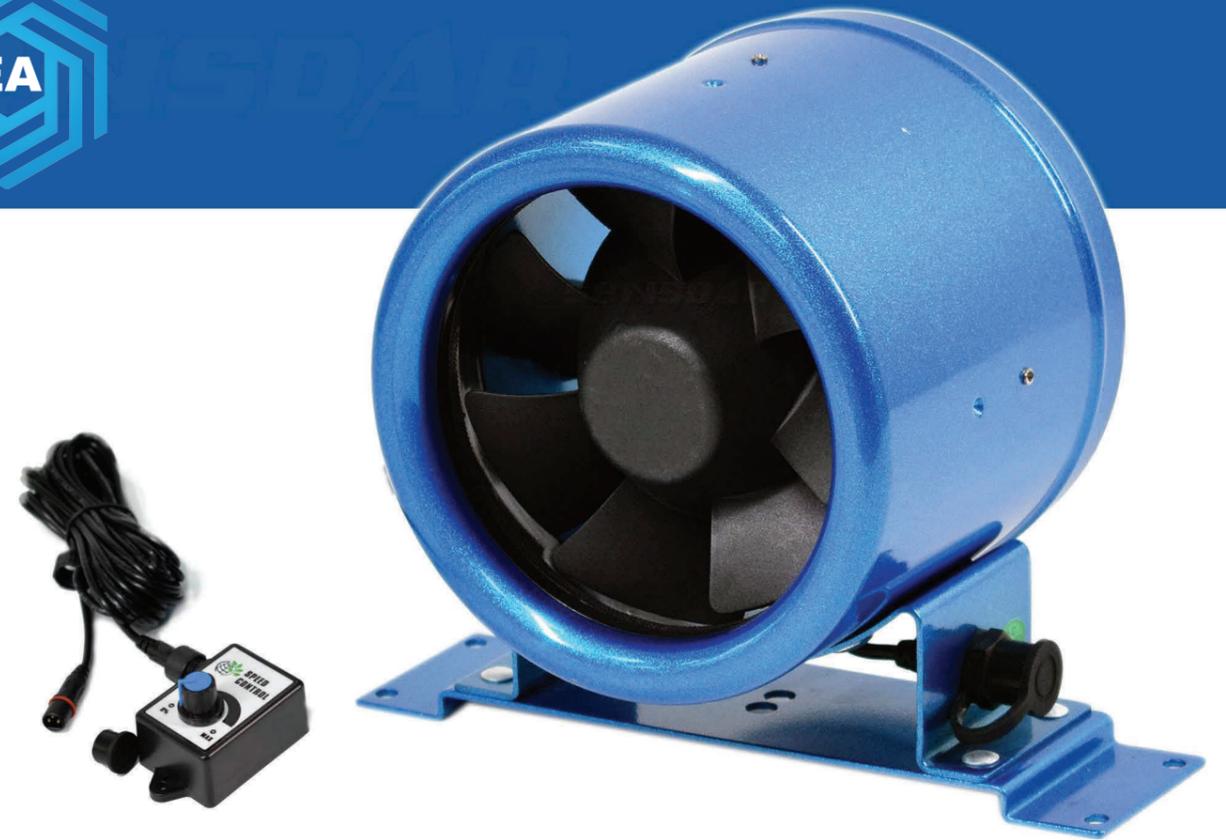
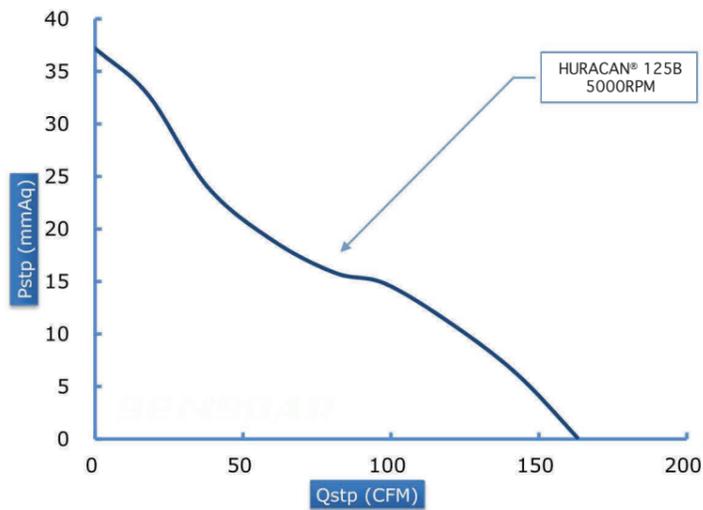
5" | 125mm | 20Watts  
280M<sup>3</sup>H | 166CFM | 363Pa



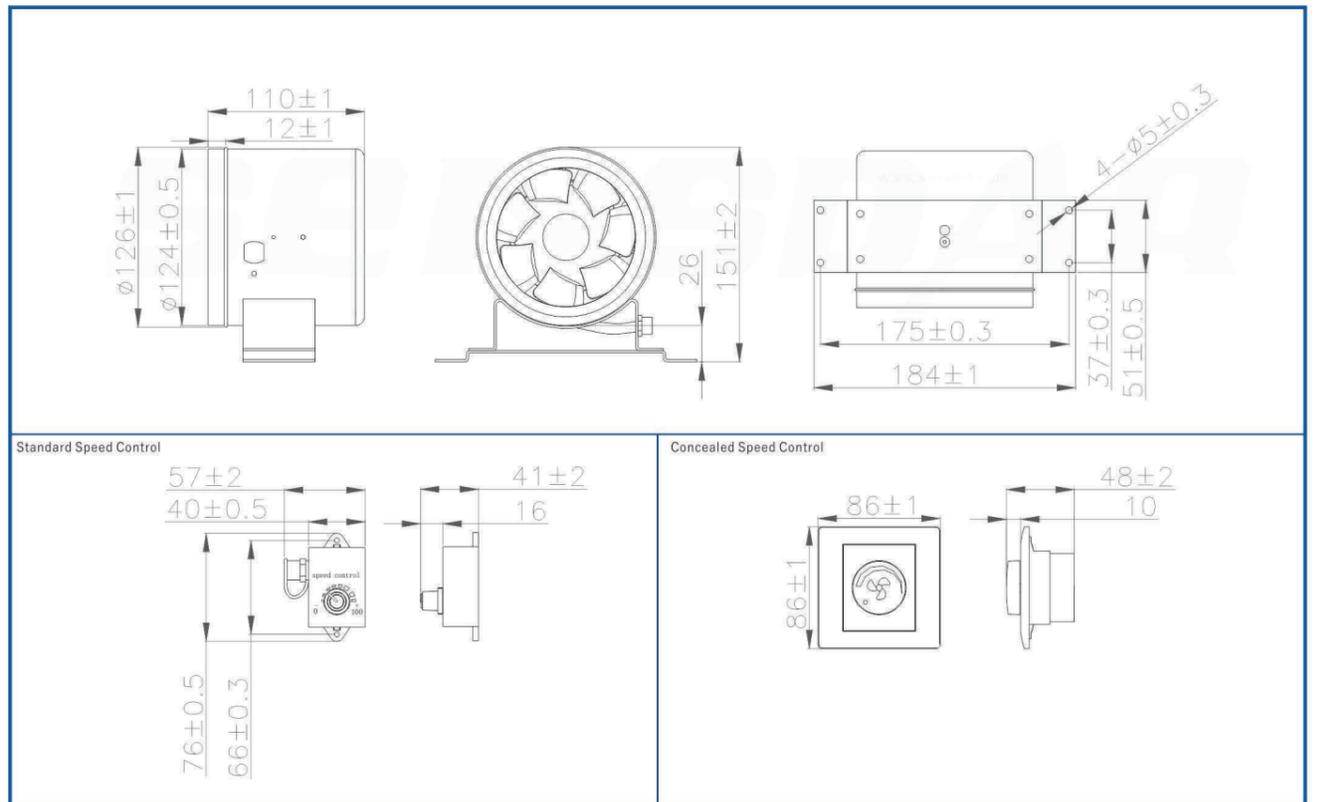
## Main Features:

HURACAN® 125B mixed flow in-line fan is a patented product and truly compact unit occupying the least space with very wide applications. The fan is built with aluminium housing and jet-engine design double impellers, and equipped with the cutting-edge brush less EC motor. Thanks to its up-to-date design in the industry, it can work on much lower power consumption and deliver greater air volume and static air pressure.

- Blade Fire Proofing Grade UL94V-0
- Detachable 0%-100% Speed Control (potentiometer) Included / Concealed Switch (Optional)
- 4-Poles Brush less Motor with Hall IC
- Double Heavy Duty NMB Ball Bearing
- Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor;



## Dimensions (mm)



Fan Size	5 inch   125mm
Rated Voltage	240V AC
Max. Power C.	20W
Frequency	50Hz   60Hz
Max. Speed	5000RPM
Max. Airflow	166CFM   280M <sup>3</sup> H
Static Pressure	37mmH <sup>2</sup> O   363Pa
Noise Level	54.4dBA
Housing Material	Aluminium
Impeller Design	Mixed Flow
Motor Type	EC Motor
Net Weight	1.1Kgs
IP Rating	IPX4

# HURACAN® 150B

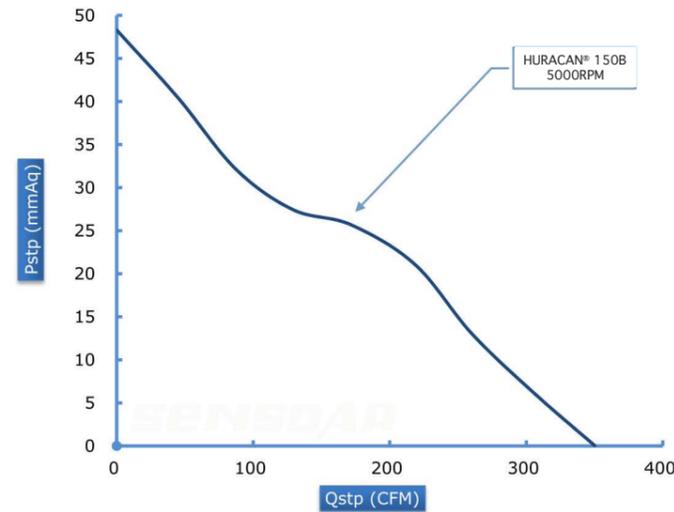
6" | 150mm | 40Watts  
594M<sup>3</sup>H | 350CFM | 500Pa



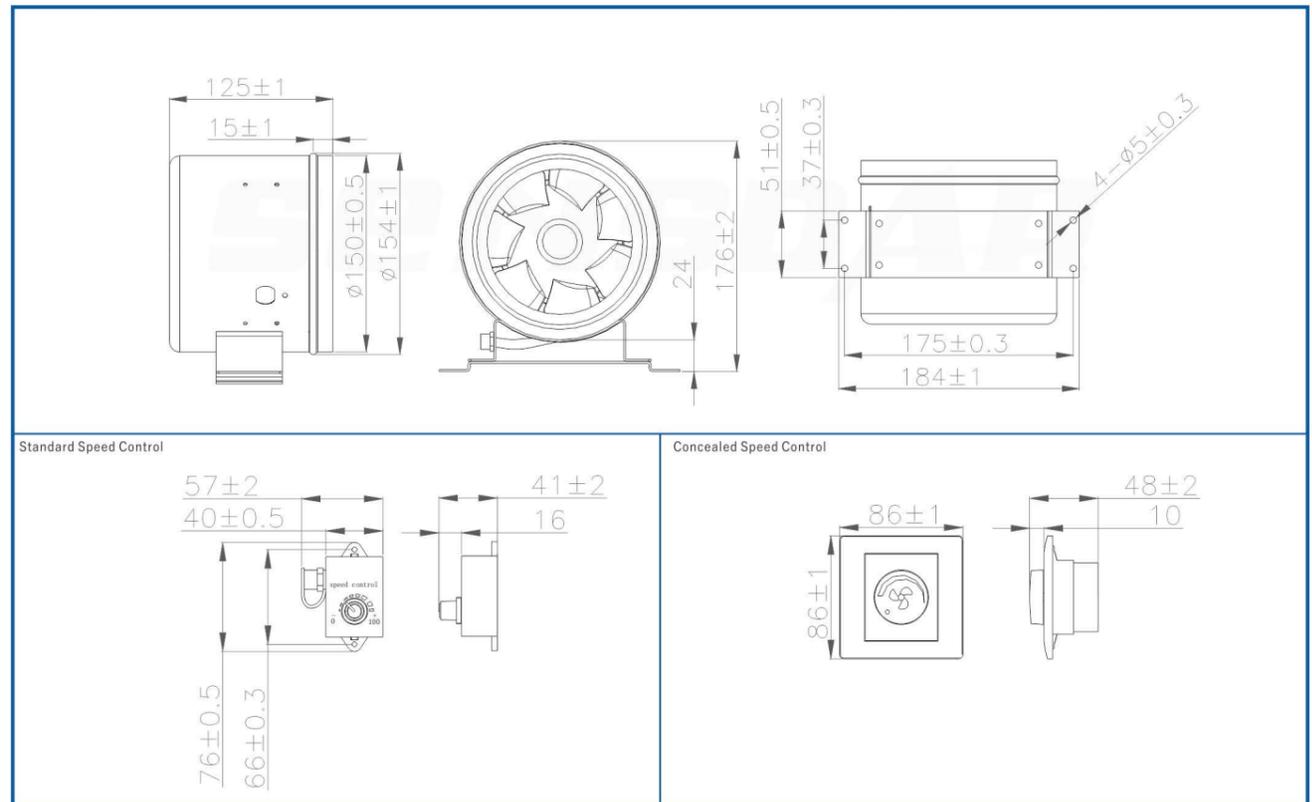
## Main Features:

HURACAN® 150B mixed flow in-line fan is a patented product and truly compact unit occupying the least space with very wide applications. The fan is built with cold-rolled steel housing and jet-engine design double impellers, and equipped with the cutting-edge brush less EC motor. Thanks to its up-to-date design in the industry, it can work on much lower power consumption and deliver greater air volume and static air pressure.

- Blade Fire Proofing Grade UL94V-0
- Detachable 0%-100% Speed Control(potentiometer) Included /Concealed Switch (Optional)
- 6-Poles Brush less Motor with Sine Wave
- Double Heavy Duty NMB Ball Bearing
- Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor;Over-Voltage Lockout Protection



## Dimensions (mm)



Fan Size	6 inch   150mm
Rated Voltage	220V-240V
Max. Power C.	40W
Frequency	50Hz   60Hz
Max. Speed	5000RPM
Max. Airflow	350CFM   594M <sup>3</sup> H
Static Pressure	51mmH <sup>2</sup> O   500Pa
Noise Level	60dBA
Housing Material	Cold Rolled Steel
Impeller Design	Mixed Flow
Motor Type	EC Motor
Net Weight	1.6Kgs
IP Rating	IPX4

# HURACAN® 200B

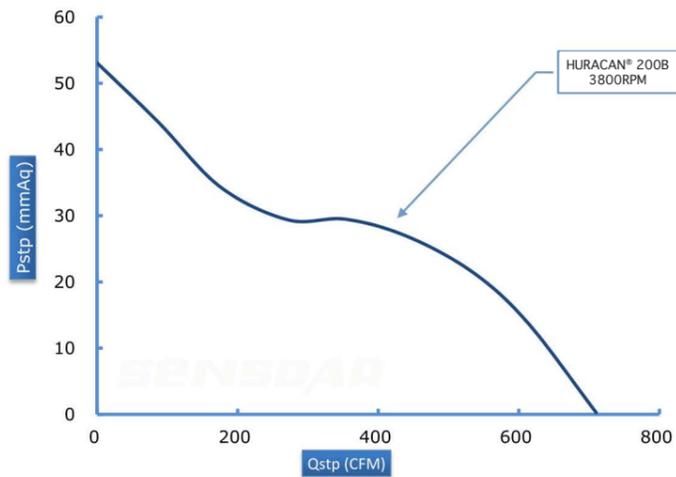
8" | 200mm | 75Watts  
1205M<sup>3</sup>H | 710CFM | 520Pa



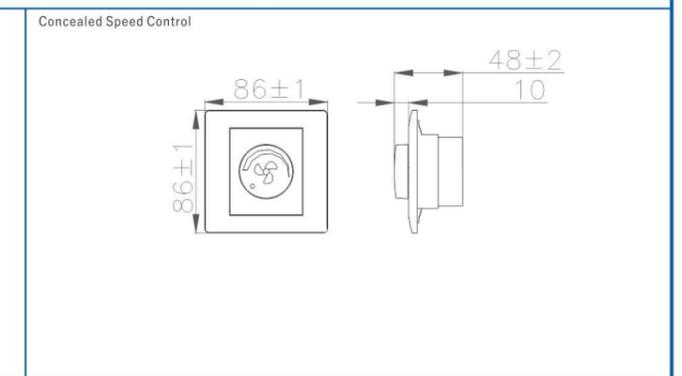
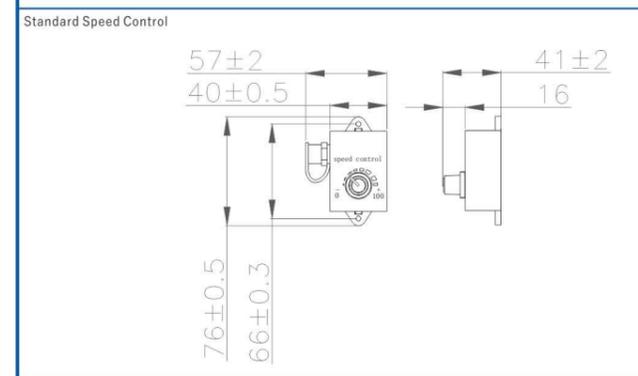
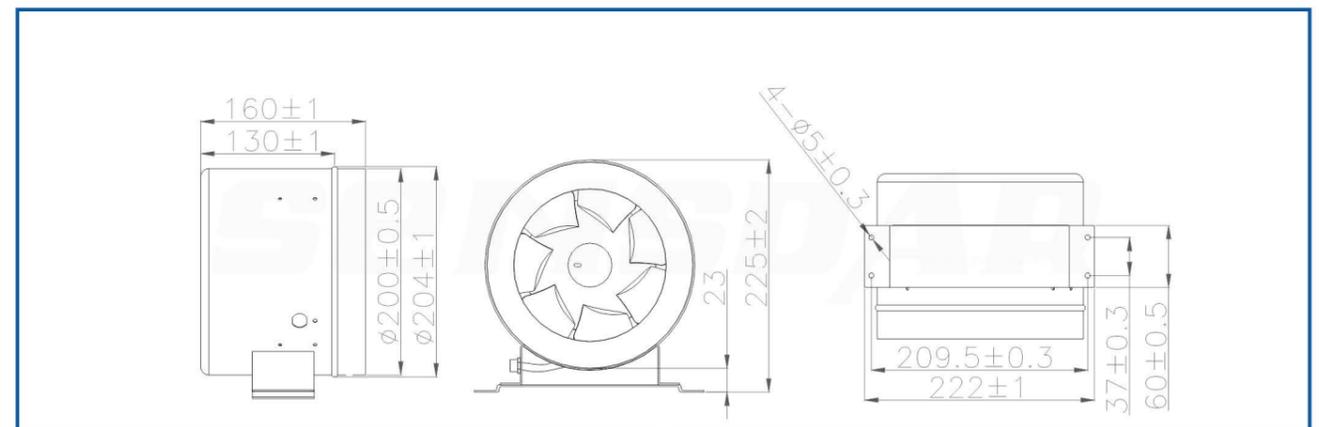
## Main Features:

HURACAN® 200B mixed flow in-line fan is a patented product and truly compact unit occupying the least space with very wide applications. The fan is built with cold-rolled steel housing and jet-engine design double impellers, and equipped with the cutting-edge brush less EC motor. Thanks to its up-to-date design in the industry, it can work on much lower power consumption and deliver greater air volume and static air pressure.

- Blade Fire Proofing Grade UL94V-0
- Detachable 0%-100% Speed Control (potentiometer) Included / Concealed Switch (Optional)
- 6-Poles Brush less Motor with Sine Wave
- Double Heavy Duty NMB Ball Bearing
- Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor; Over-Voltage Lockout Protection



## Dimensions (mm)



Fan Size	8 inch   200mm
Rated Voltage	220V-240V
Max. Power C.	75W
Frequency	50Hz   60Hz
Max. Speed	3800RPM
Max. Airflow	710CFM   1205M <sup>3</sup> H
Static Pressure	53mmH <sup>2</sup> O   520Pa
Noise Level	61.6dBA
Housing Material	Cold Rolled Steel
Impeller Design	Mixed Flow
Motor Type	EC Motor
Net Weight	2.5Kgs
IP Rating	IPX4

# HURACAN® 250B

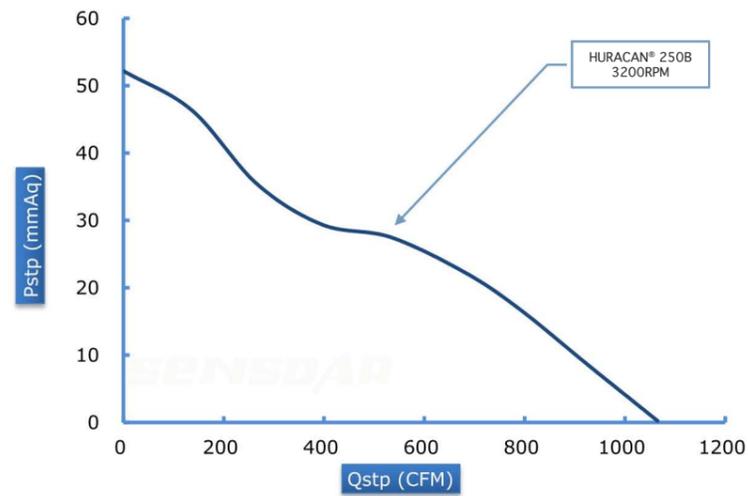
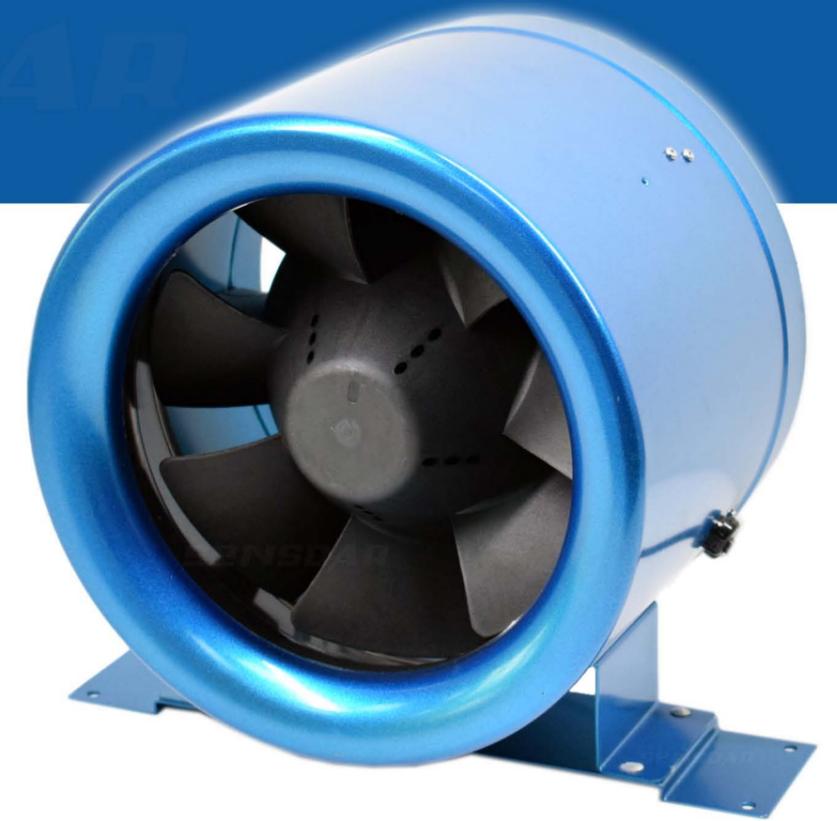
10" | 250mm | 150Watts  
1808M<sup>3</sup>H | 1065CFM | 510Pa



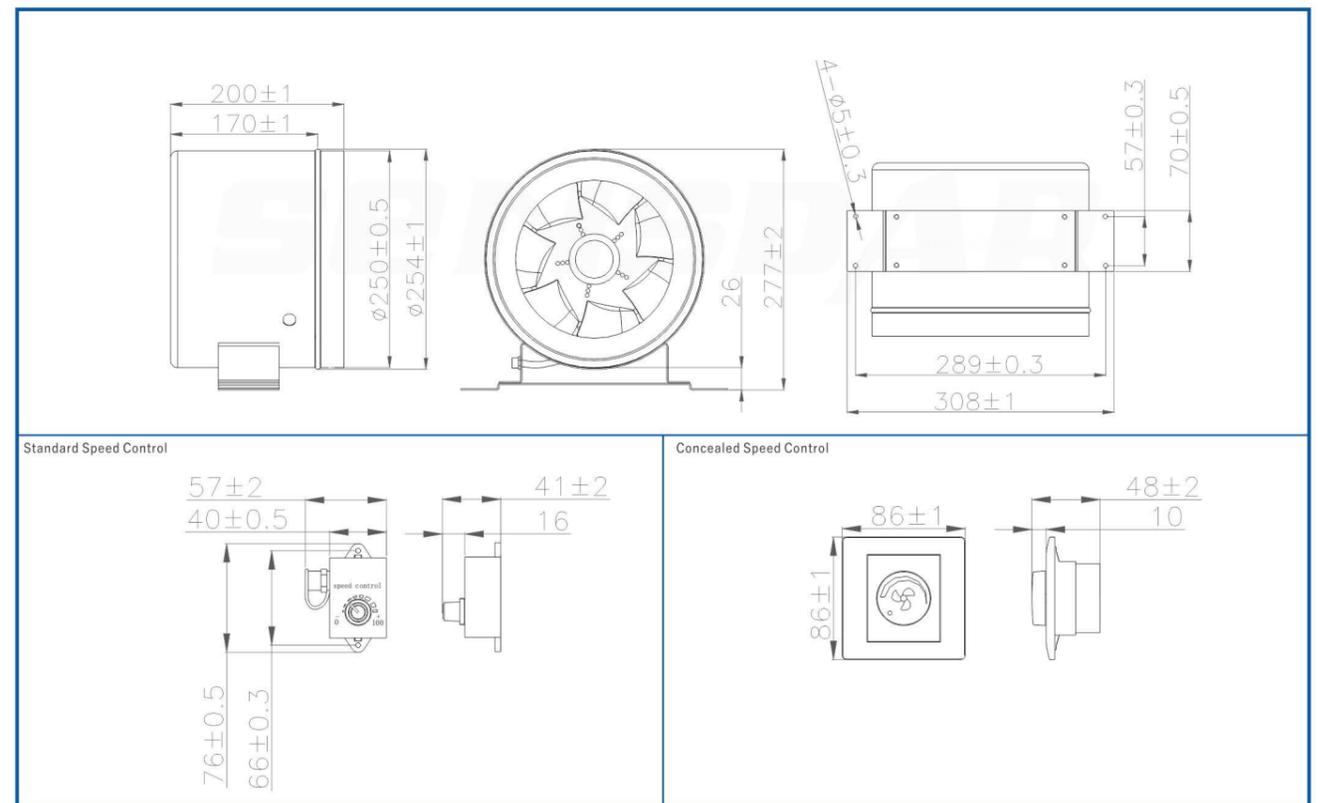
## Main Features:

HURACAN® 250B mixed flow in-line fan is a patented product and truly compact unit occupying the least space with very wide applications. The fan is built with cold-rolled steel housing and jet-engine design double impellers, and equipped with the cutting-edge brush less EC motor. Thanks to its up-to-date design in the industry, it can work on much lower power consumption and deliver greater air volume and static air pressure.

- Blade Fire Proofing Grade UL94V-0
- Detachable 0%-100% Speed Control(potentiometer) Included /Concealed Switch (Optional)
- 6-Poles Brush less Motor with Sine Wave
- Double Heavy Duty NMB Ball Bearing
- Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor;Over-Voltage Lockout Protection



## Dimensions (mm)



Fan Size	10 inch   250mm
Rated Voltage	220V-240V
Max. Power C.	150W
Frequency	50Hz   60Hz
Max. Speed	3200RPM
Max. Airflow	1065CFM   1808M <sup>3</sup> H
Static Pressure	52mmH <sup>2</sup> O   510Pa
Noise Level	65dBA
Housing Material	Cold Rolled Steel
Impeller Design	Mixed Flow
Motor Type	EC Motor
Net Weight	3.0Kgs
IP Rating	IPX4

# HURACAN® 150W

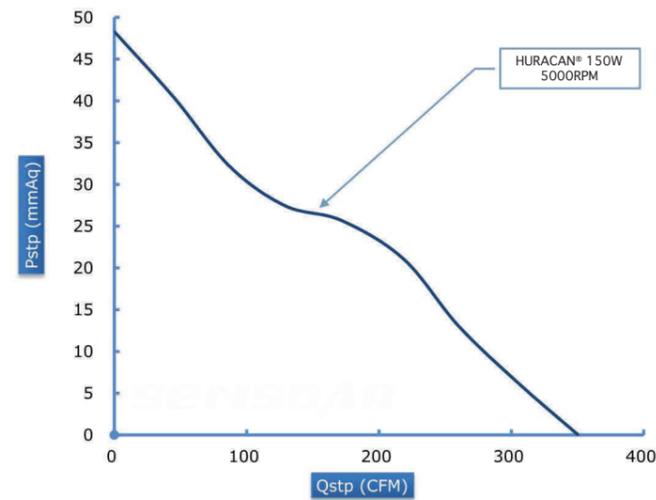
6" | 150mm | 40Watts  
594M<sup>3</sup>H | 350CFM | 500Pa



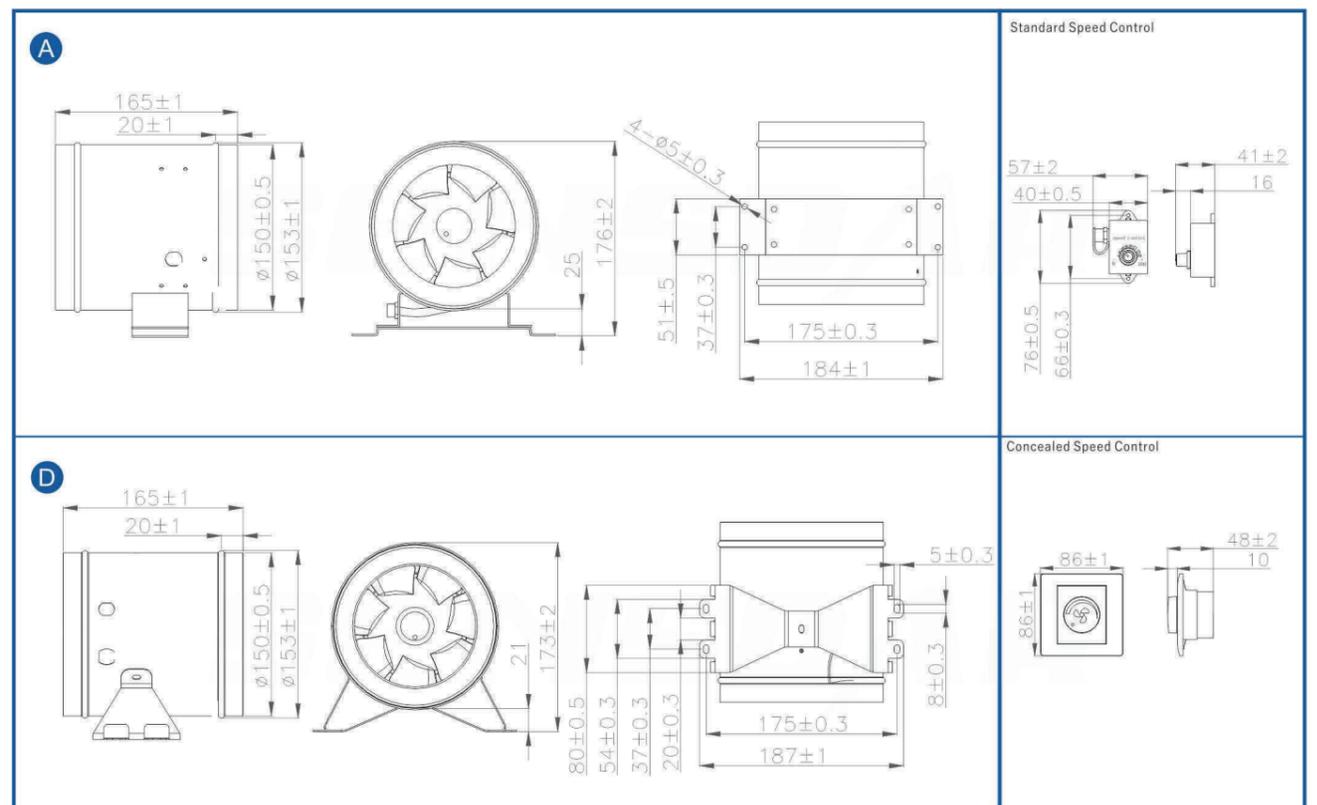
## Main Features:

HURACAN® 150W mixed flow in-line fan is a truly compact unit with easier duct connections on both sides. The fan is built with cold-rolled steel housing and jet-engine design double impellers, and equipped with the cutting-edge brush less EC motor. Thanks to its up-to-date design in the industry, it can work on much lower power consumption and deliver greater air volume and static air pressure.

- Easier Duct Connection Design with Detachable Bracket **D**
- Blade Fire Proofing Grade UL94V-0
- Detachable 0%-100% Speed Control (potentiometer) Included / Concealed Switch (Optional)
- 6-Poles Brush less Motor with Sine Wave
- Double Heavy Duty NMB Ball Bearing
- Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor; Over-Voltage Lockout Protection



## Dimensions (mm)



Fan Size	6 inch   150mm
Rated Voltage	220V-240V
Max. Power C.	40W
Frequency	50Hz   60Hz
Max. Speed	5000RPM
Max. Airflow	350CFM   594M <sup>3</sup> H
Static Pressure	51mmH <sup>2</sup> O   500Pa
Noise Level	60dBA
Housing Material	Cold Rolled Steel
Impeller Design	Mixed Flow
Motor Type	EC Motor
Net Weight	1.6Kgs
IP Rating	IPX4



# HURACAN® 250W

10" | 250mm | 150Watts  
1808M<sup>3</sup>H | 1065CFM | 510Pa



## Main Features:

HURACAN® 250W mixed flow in-line fan is a truly compact unit with easier duct connections on both sides. The fan is built with cold-rolled steel housing and jet-engine design double impellers, and equipped with the cutting-edge brushless EC motor. Thanks to its up-to-date design in the industry, it can work on much lower power consumption and deliver greater air volume and static air pressure.

Easier Duct Connection Design with Detachable Bracket D

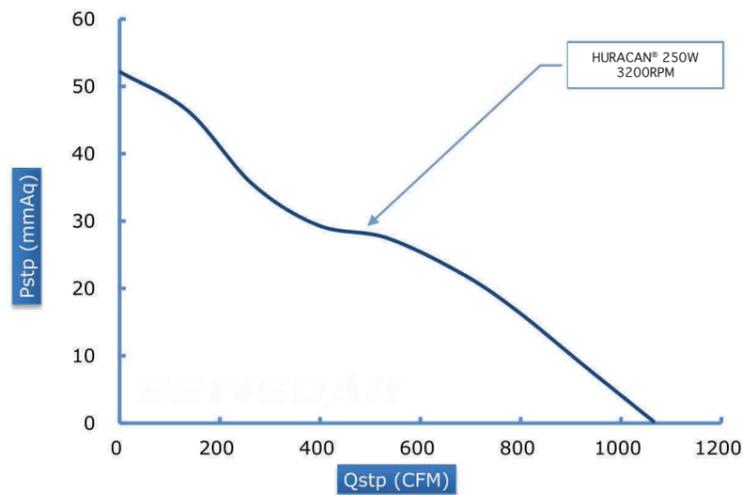
Blade Fire Proofing Grade UL94V-0

Detachable 0%-100% Speed Control (potentiometer) Included / Concealed Switch (Optional)

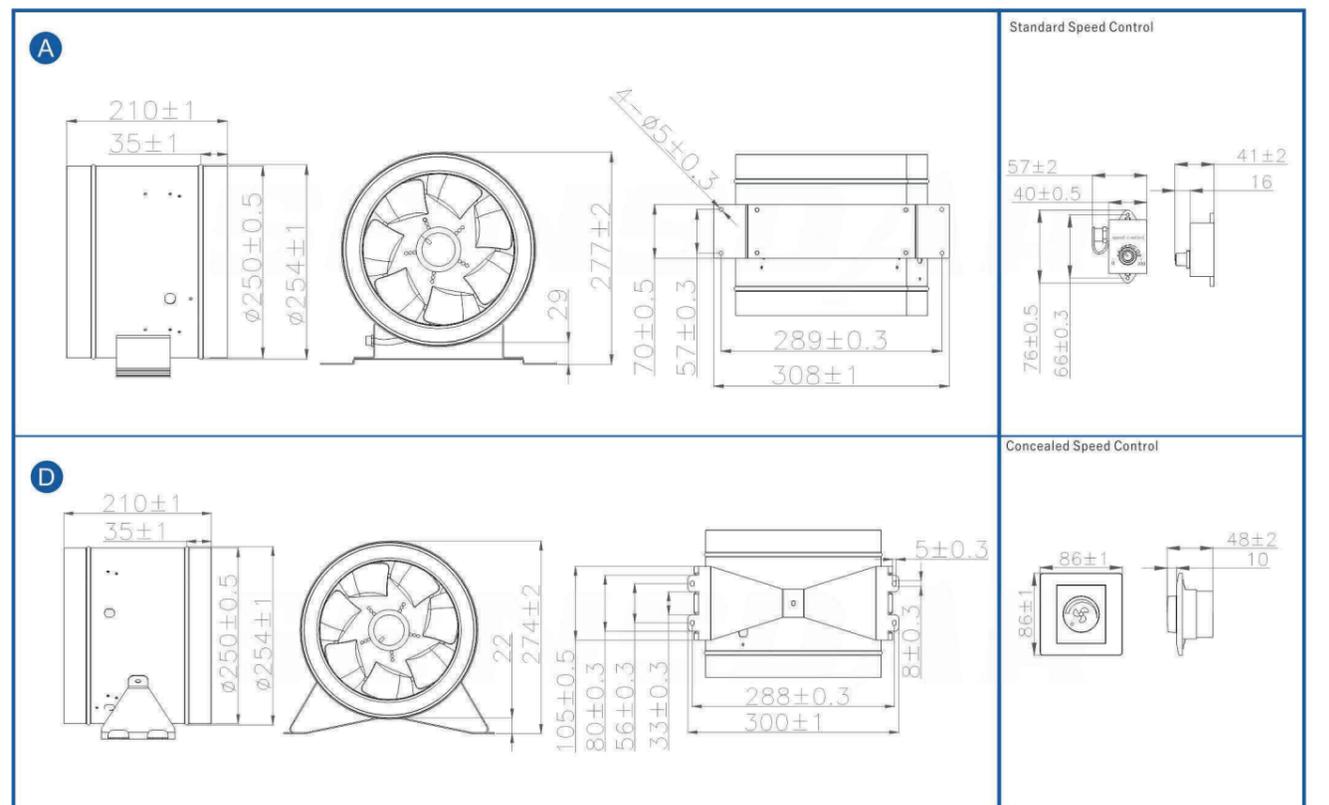
6-Poles Brush less Motor with Sine Wave

Double Heavy Duty NMB Ball Bearing

Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor; Over-Voltage Lockout Protection



## Dimensions (mm)



Fan Size	10 inch   250mm
Rated Voltage	220V-240V
Max. Power C.	150W
Frequency	50Hz   60Hz
Max. Speed	3200RPM
Max. Airflow	1065CFM   1808M <sup>3</sup> H
Static Pressure	52mmH <sup>2</sup> O   510Pa
Noise Level	65dBA
Housing Material	Cold Rolled Steel
Impeller Design	Mixed Flow
Motor Type	EC Motor
Net Weight	3.0Kgs
IP Rating	IPX4

# HURACAN® 150S

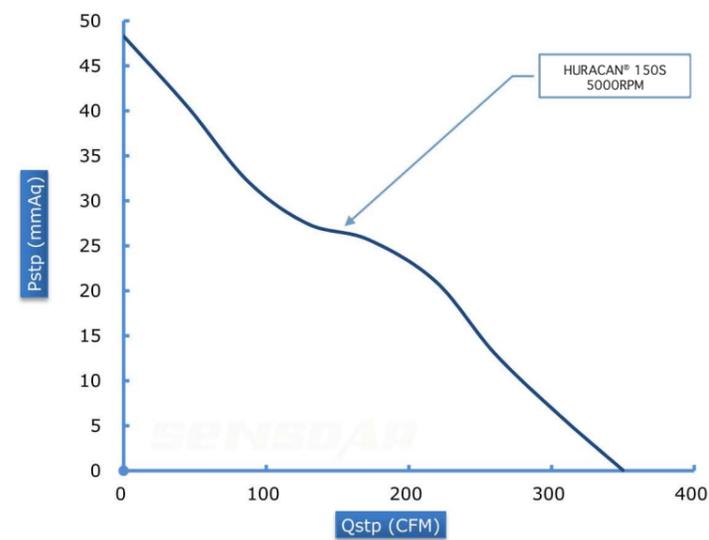
6" | 150mm | 40Watts  
394M³H | 350CFM | 500Pa



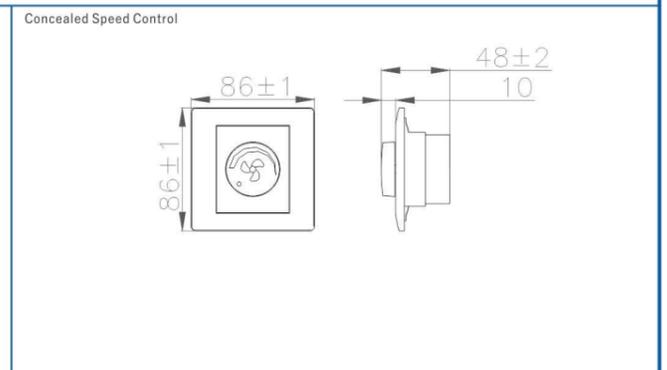
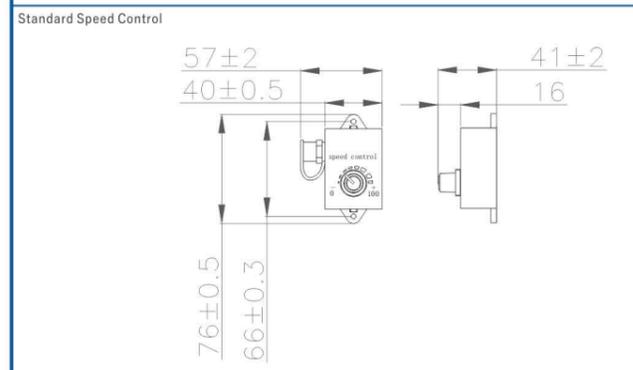
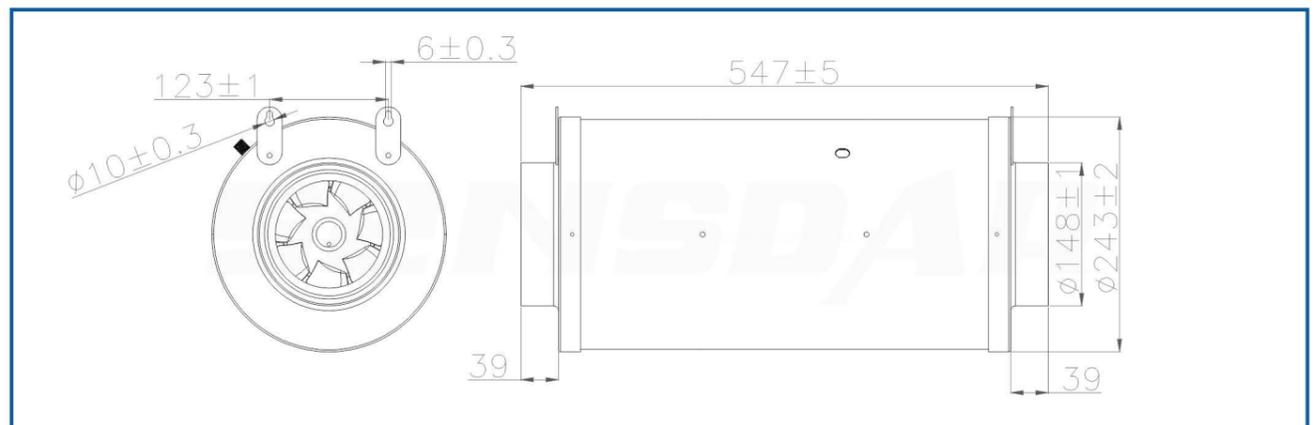
## Main Features:

HURACAN® 150S is the silenced version of our EC mixed flow fans, constructed with a 6 inch in-line fan sharing same features with our regular one. The model is built with cold-rolled steel housing and aluminium flange. The fan is fixed to the body with long-lasting piano wire springs, which makes the unit more stable and free from vibrations.

- ECO Fire Proof Acoustic Cotton
- Detachable 0%-100% Speed Control(potentiometer) Included /Concealed Switch (Optional)
- 6-Poles Brush less Motor with Sine Wave Double Heavy Duty NMB Ball Bearing
- Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor; Over-Voltage Lockout Protection



## Dimensions (mm)



Model	HURACAN® 150S
Dimension	547mm (L) x 243mm (H)
Duct Size	6 inch   150mm
Colour	White / Silver
Rated Voltage	220V-240V
Max. Power C.	40W
Frequency	50Hz   60Hz
Max. Speed	5000RPM
Max Airflow	350CFM   594M³H
Static Pressure	51mmH²O   500Pa
Noise Level on High	50dBA
Motor Type	EC Motor
Net Weight	5.0Kgs
IP Rating	IPX4

# HURACAN® 200S

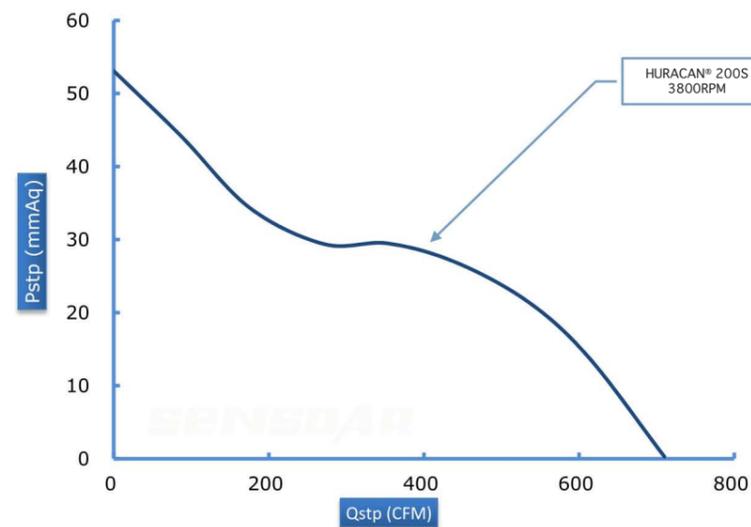
8" | 200mm | 75Watts  
1205M<sup>3</sup>H | 710CFM | 520Pa



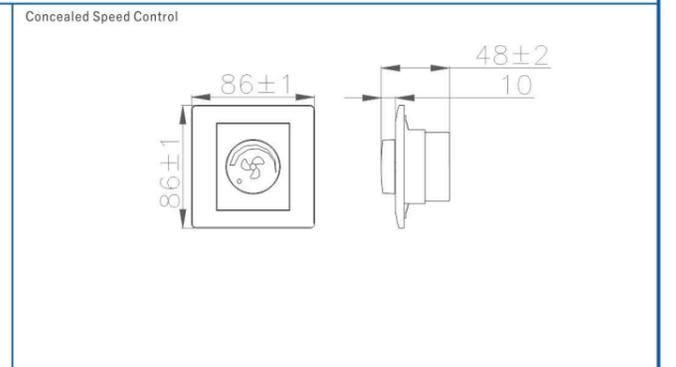
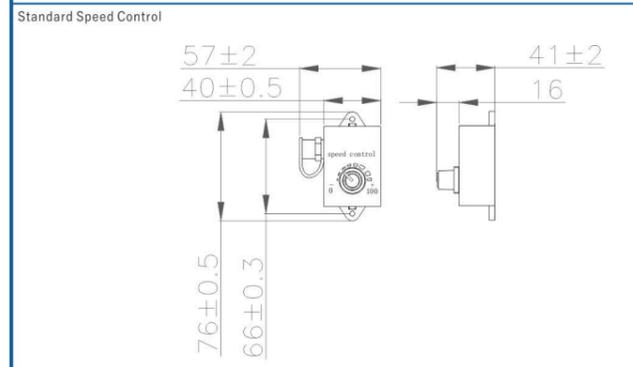
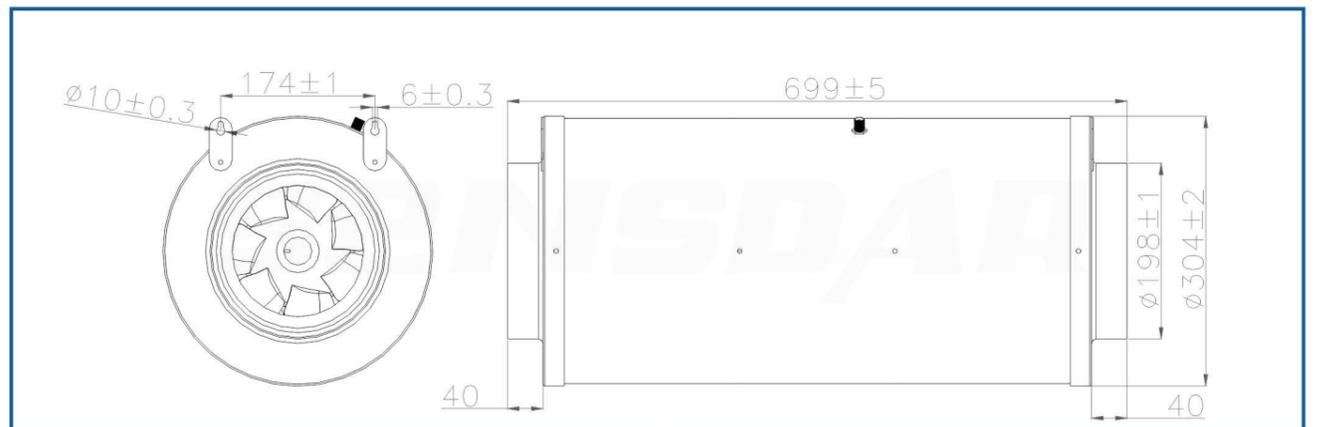
## Main Features:

HURACAN® 200S is the silenced version of our EC mixed flow fans, constructed with a 6 inch in-line fan sharing same features with our regular one. The model is built with cold-rolled steel housing and aluminium flange. The fan is fixed to the body with long-lasting piano wire springs, which makes the unit more stable and free from vibrations.

- ECO Fire Proof Acoustic Cotton
- Detachable 0%-100% Speed Control(potentiometer) Included /Concealed Switch (Optional)
- 6-Poles Brush less Motor with Sine Wave
- Double Heavy Duty NMB Ball Bearing
- Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor; Over-Voltage Lockout Protection



## Dimensions (mm)



Model	HURACAN® 200S
Dimension	699mm (L) x 307mm (H)
Duct Size	8 inch   200mm
Colour	White / Silver
Rated Voltage	220V-240V
Max. Power C.	75W
Frequency	50Hz   60Hz
Max. Speed	3800RPM
Max Airflow	710CFM   1205M <sup>3</sup> H
Static Pressure	53mmH <sup>2</sup> O   520Pa
Noise Level on High	51dBA
Motor Type	EC Motor
Net Weight	7.5Kgs
IP Rating	IPX4

# HURACAN® 250S

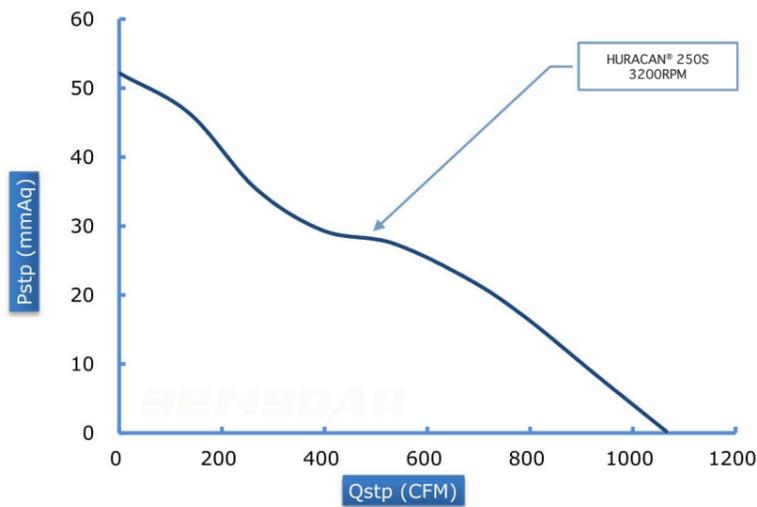
10" | 250mm | 150Watts  
1808M<sup>3</sup>H | 1065CFM | 510Pa



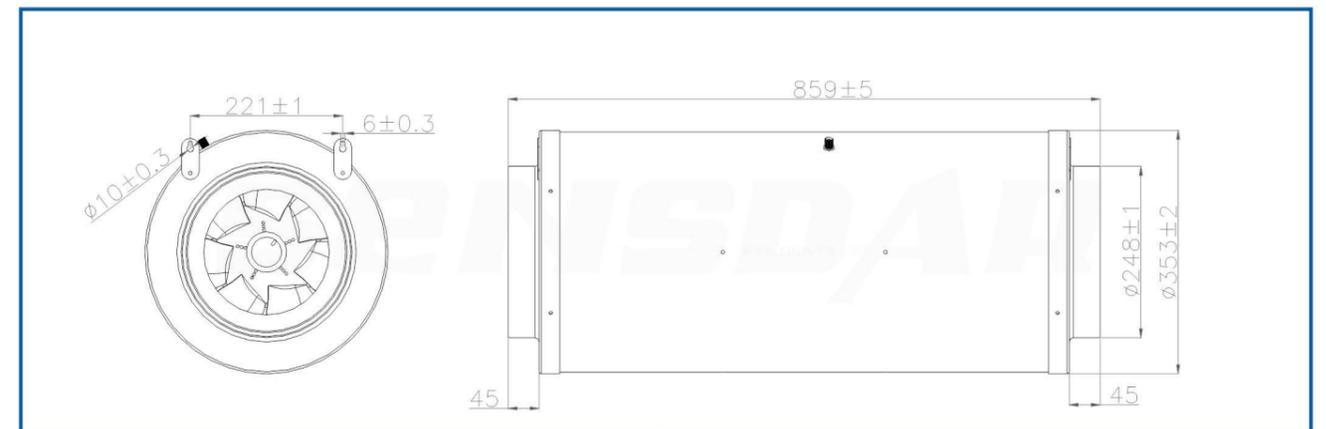
## Main Features:

HURACAN® 250S is the silenced version of our EC mixed flow fans, constructed with a 10 inch in-line fan sharing same features with our regular one. The model is built with cold-rolled steel housing and aluminium flange. The fan is fixed to the body with long-lasting piano wire springs, which makes the unit more stable and free from vibrations.

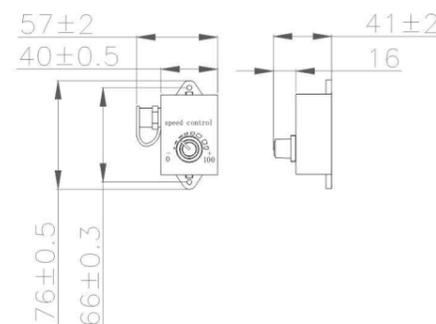
- ECO Fire Proof Acoustic Cotton
- Detachable 0%-100% Speed Control(potentiometer) Included /Concealed Switch (Optional)
- 6-Poles Brush less Motor with Sine Wave
- Double Heavy Duty NMB Ball Bearing
- Locked Motor Protection [AUTO-RESTART]; Soft-Start Motor; Over-Voltage Lockout Protection



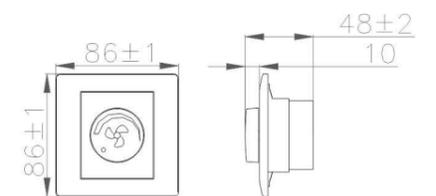
## Dimensions (mm)



Standard Speed Control



Concealed Speed Control



Model	HURACAN® 250S
Dimension	859mm (L) x 353mm (H)
Duct Size	10 inch   250mm
Colour	White / Silver
Rated Voltage	220V-240V
Max. Power C.	150W
Frequency	50Hz   60Hz
Max. Speed	3200RPM
Max Airflow	1065CFM   1808M <sup>3</sup> H
Static Pressure	52mmH <sup>2</sup> O   510Pa
Noise Level on High	55dBA
Motor Type	EC Motor
Net Weight	13.7Kgs
IP Rating	IPX4



# **EXCELAIRE**

DIVISION OF EXCEL DISTRIBUTORS PTY LTD

**NEXT GEN VENTILATION**

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