

# Airzon BLDC Super-Efficient High Speed Exhaust Fans



AIRZON BLDC Super-Efficient fans are high speed EXHAUST FAN for Industrial applications, with all metal parts.

Airzon fans are designed to consume substantially lower energy and has very high air delivery compared to Traditional fans.

Power: **Single Phase (230V)**

## BLDC (Brushless DC) exhaust fans offer several benefits compared to traditional AC or DC exhaust fans:



### Energy Efficiency

BLDC fans use less power and are more efficient, which can result in lower energy bills and reduced carbon footprint.



### Long Life

BLDC fans have no brushes, which reduces friction and wear, and they have a longer lifespan compared to traditional fans.



### Quiet Operation

BLDC fans generate less noise than traditional fans, making them suitable for use in quiet environments such as bedrooms, offices, and libraries.



### Precise Speed Control

BLDC fans can be controlled with precision, allowing for more accurate regulation of fan speed and airflow.



### Easy Maintenance

BLDC fans have fewer moving parts, reducing the need for maintenance and repairs.



### Increased Safety

BLDC fans do not produce sparks, making them safer for use in potentially explosive environments such as kitchens.

Technical Specifications	Values
Size	305 mm / 12 inch
Model	Airzon BLDC Ef12
Input Voltage (Vac)	140 to 280
Rated Frequency (HZ)	50
Typical Speed (RPM)	1300 ( $\pm 10\%$ )
Typical Input Power (Watts)	35 ( $\pm 10\%$ )
Power Factor	0.95 ( $\pm 0.02$ )
Air Delivery*	1250 cubic m/hr ( $\pm 10\%$ )

**YOU ARE WRONG....** If you think switching the fan OFF when not in use is the only way to reduce energy wastage...

**A fan running on inefficient induction motor wastes much higher energy every time it's switched ON.**

**To truly save energy, we must change the mindset.**

**Ram C. Sekar**  
 Founder, Canfan

### Canfan Private Limited: Innovation in our DNA

Canfan Private Limited is founded by **S.V. Gopalen** (Founder of On Load Gears) and **Ram C. Sekar** (ex-McKinsey, IIT Graduate). Proven track records in innovation and manufacturing of high quality and high performance engineering products.

**Mr. Gopalen** grew On Load Gears (OLG) over 35 years to a 50% market share in the country in its core product category, and to an exporter to leading utility and transformer manufacturing companies in the US

Canfan follows the tradition of innovation and has developed the fans in-house through rigorous R&D.

### Widely used accross...



### Industry leaders are switching to Airzon BLDC Fans.



### Contact us

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