

PLASTIC PROPELLER FAN



MEMBER

Quality Speaks For Itself



PLASTIC PROPELLER FAN

HUMIDIN PROPELLER FAN

A plastic propeller fan is a type of axial-flow fan commonly used in applications that require efficient Air moves with a lighter, cost-effective construction. Unlike metallic fans, plastic propeller fans are made from durable synthetic materials such as polypropylene, PVC, or fiberglass, offering a more lightweight and corrosion-resistant alternative for many ventilation, cooling, and exhaust applications.

FEATURES:

1. Lightweight Construction:

The use of plastic materials makes these fans lighter than their metal counterparts, which can be beneficial for easy handling, installation, and in situations where reduced weight is important (e.g., in mobile or ceiling-mounted systems).

2. Corrosion Resistance:

Plastic fans are naturally resistant to rust, moisture, and chemical corrosion. This makes them ideal for use in humid, corrosive, or outdoor environments, such as in food processing, agricultural applications, or marine areas.

3. Cost-Effective:

Plastic propeller fans tend to be more affordable compared to their metal equivalents. This makes them a popular choice for budget-conscious projects or applications where high material costs need to be minimized.

4. Low Weight and Easy Installation:

Due to their lightweight nature, plastic propeller fans are easy to install, move, and replace, which can help reduce installation costs and downtime.

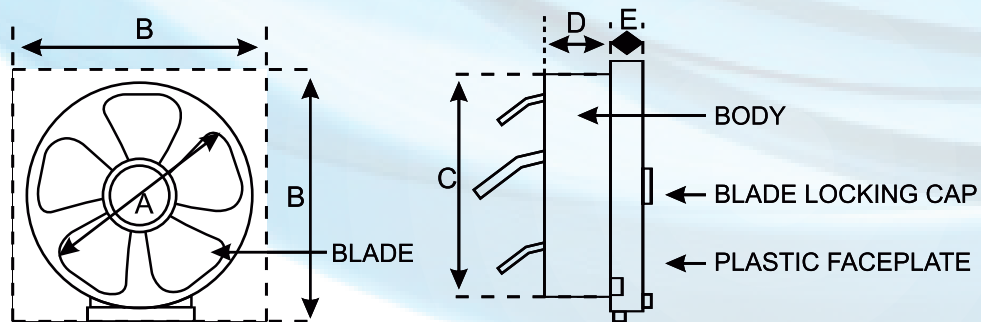
5. Anti-Static Properties:

Certain plastic materials used for propeller fans have anti-static properties, reducing the risk of sparks or other issues that may arise from static electricity in sensitive environments like data centers or industrial manufacturing areas.

APPLICATIONS:

- Ventilation in Residential and Commercial Buildings:
- Cooling Systems:
- Industrial and Agricultural Applications:
- Electronics Cooling:

DIMENSION TABLE OF PLASTIC PROPELLER FAN



PLASTIC PROPELLER FAN														
AIR VOLUME	STATIC PRESSURE	FAN TYPE	FAN DIA	MOTOR	SPEED	Current(Amps)		Sound	A	B	C	D	E	WEIGHT (MAX)
CFM	MM WG		MM	WATTS	RPM	220 VOLTS / SINGLE PHASE	440 VOLTS / THREE PHASE	Db@3m	MM	MM	MM	MM	MM	KG
160	5	PLASTIC PROPELLER FAN	150	25	1300	0.18	-	50	150	240	175	80	50	1.9
270	5	PLASTIC PROPELLER FAN	200	30	1300	0.43	-	52	200	300	240	90	45	2.8
NOTE: ALL TECHNICAL & DIMENSIONS ARE ONLY FOR REFERENCE														

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The intention of this brochure is to introduce you to, and acquaint you with the capabilities of the HUMIDIN organization in the offered product areas. It will not answer all your immediate questions, and indeed, it will no doubt raise others. We welcome your interest in our products and shall be very pleased to provide further information.

GUARANTEES

HUMIDIN guarantees its products to be free of defects in materials and workmanship for a period of one year from the date of delivery from the factory, provided motors are properly installed with overload protector. Humidin agrees to repair or replace defective parts or part to be returned to the factory, all transportation charges prepaid. Humidin does not guarantee against abrasion, corrosion or erosion. Humidin shall not be held responsible for any charges in connection with the removal or replacement of alleged defective equipment nor for incidental consequential damages

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