

BIFURCATED FAN



Quality Speaks For Itself



BIFURCATED FAN

A Bifurcated Axial Flow Fan is designed for applications where the motor and electrical components must remain isolated from the airflow. Its specially designed bifurcated casing separates the motor from the air stream, making it suitable for handling hot, corrosive, dusty, or contaminated gases while maintaining efficient and reliable air movement.

FEATURES:

1. Motor-Airmovement Separation

The bifurcated casing keeps the motor isolated from the conveyed air, protecting electrical and mechanical components from hot, corrosive, dusty, or contaminated gases.

2. Efficient Air Movement

Aerodynamically designed axial blades provide high-volume air movement with effective performance, making the fan suitable for demanding industrial ventilation and extraction applications.

3. High-Temperature Capability

Motor isolation allows the fan to handle elevated-temperature air and gases while reducing direct heat exposure to the motor and supporting reliable continuous operation.

4. Corrosion and Contamination Protection

The separated motor arrangement helps prevent corrosive vapours, fumes, dust, and other contaminants from reaching sensitive motor components, improving operational reliability.

5. Robust Industrial Construction

Strong casing, precision-balanced impeller, and durable components provide dependable performance in challenging industrial environments requiring continuous ventilation or exhaust.

APPLICATIONS

- Industrial Exhaust & Ventilation
- Hot Air and Gas Extraction
- Fume and Vapour Extraction
- Chemical & Process Industries
- Corrosive Gas Handling
- Dusty Industrial Environments
- Paint Booth & Coating Systems
- Foundries & Metal Industries
- Boiler and Furnace Ventilation
- Manufacturing & Process Plants

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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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