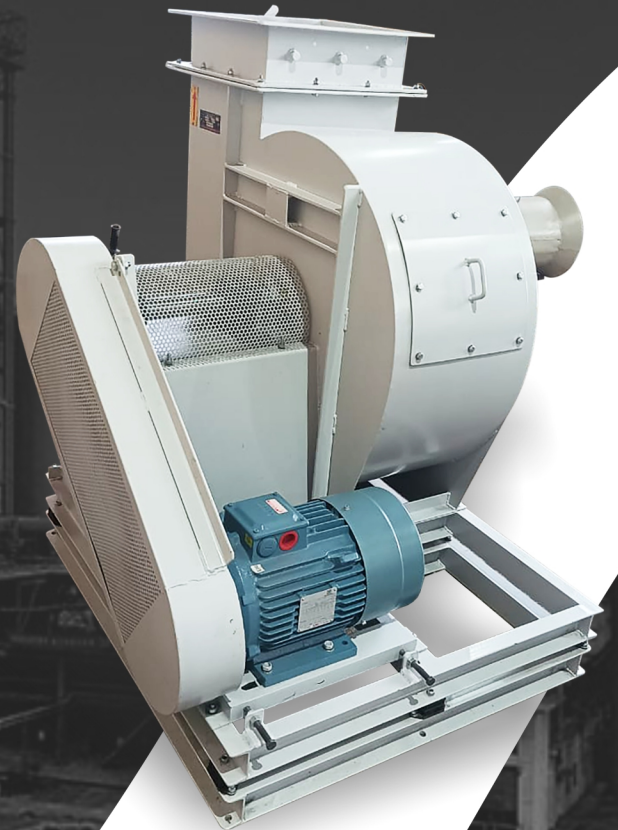


Buyers Guide for **Industrial Centrifugal Blowers**

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Selecting Industrial Blower

Industrial Blowers also known as Air Handling Units are required across multiple industries.

When selecting an industrial centrifugal blower, making an informed choice is crucial to ensure efficiency and reliability in your applications.

If blower selection goes wrong, it can lead to inefficient operation, increased energy costs, and potential equipment failure.

This buyer's guide aims to help you navigate through key considerations and features, ensuring you select the optimal blower that aligns with your specific requirements and operational goals.



1 Understand Your Requirements

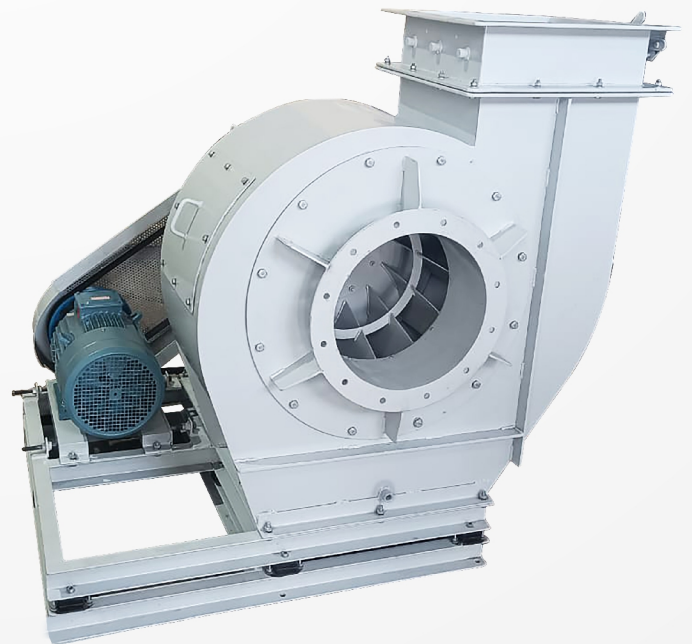
Application

Determine the specific application (e.g., HVAC systems, material handling, industrial processes)



Airflow and Pressure

Calculate the required airflow (CFM - Cubic Feet per Minute) and static pressure (inches of water gauge)



2 Types of Blowers



▲ Belt driven fan



▲ Coupled drive fan



▲ Foot Direct Driven



▲ Flange mounted fan



▲ Direct drive fan

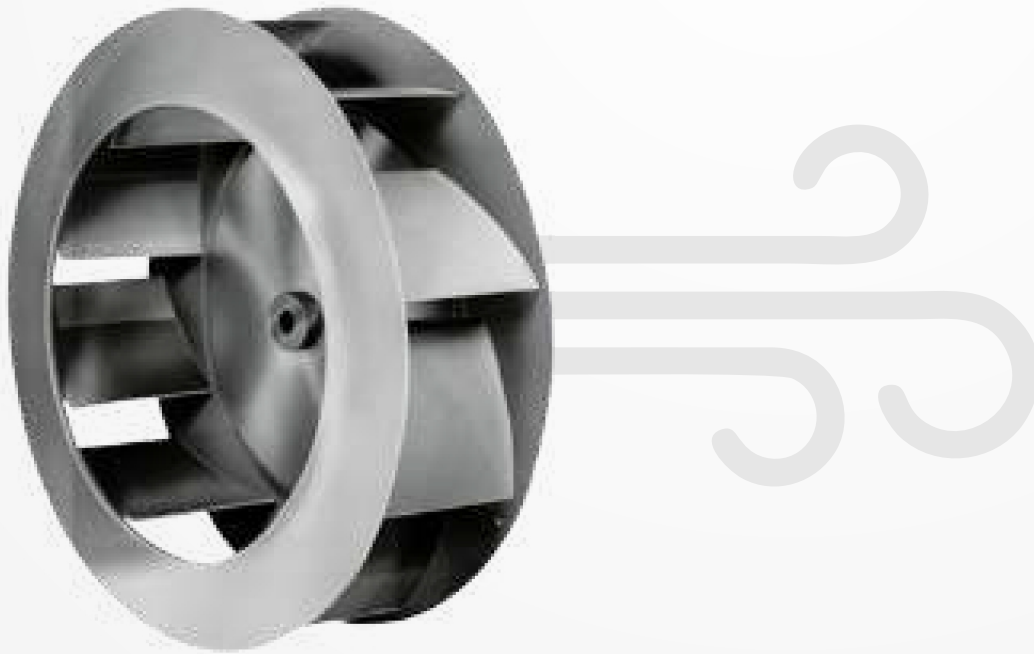


▲ Air Supply Units

3 Material and Construction

Material of Construction

Choose between materials like mild steel, stainless steel, or special alloys



Impeller Type

Check the impeller design (forward-curved, backward-curved, radial) that best suits your airflow

4 Performance Parameters



Efficiency

Look for blowers with high efficiency to reduce energy consumption.



Noise Levels

Consider the noise levels produced by the blower and whether its acceptable.



Operating Temperature

Blowers can operate efficiently at the required temperature range.



5 Installation and Maintenance



Mounting Options

Identify the appropriate mounting option (base-mounted, wall-mounted, or ceiling-mounted) for your space constraints.



Ease of Maintenance

Ensure that the blower design allows for easy access and maintenance.

6 Cost Considerations



Initial Cost

Evaluate the upfront cost and compare it with the features and benefits offered.



Operational Cost

Consider the long-term operational costs, including energy consumption and maintenance expenses.



Warranty and Support

Look for comprehensive warranty terms and reliable after-sales support.

7 Customization & Vendor Reputation

Special Requirements

Discuss any special requirements, such as custom sizes, coatings, or specific performance characteristics.

Supplier Credentials

Research supplier reputation in the market for reliability, quality, and customer service.



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