

MULTI-WING

# UNLIMITED FAN CONFIGURATIONS

**Industrial Applications**



by



# PRECISION FIT & PERFORMANCE



CUSTOMFAN™ fan packs are designed and engineered to deliver high performance for your specific application without adapting your design to stock or catalog fan package specifications.

- Refrigeration
- Freezers
- Agriculture
- Livestock
- Ventilation
- Drying
- Radiators



# CUSTOMFAN™ PROCESS

When stock or catalog fan packs don't deliver the fit or performance your application requires, work with the airflow experts at Multi-Wing to develop a CUSTOMFAN™ solution.

## DESIGN AND SIMULATION

- Fan design
- Finite element analysis
- Dynamic fluid studies

## TESTING AND ANALYSIS

- Wind tunnel testing
- Start/stop tests
- Vibration and noise analysis
- Airflow measurement

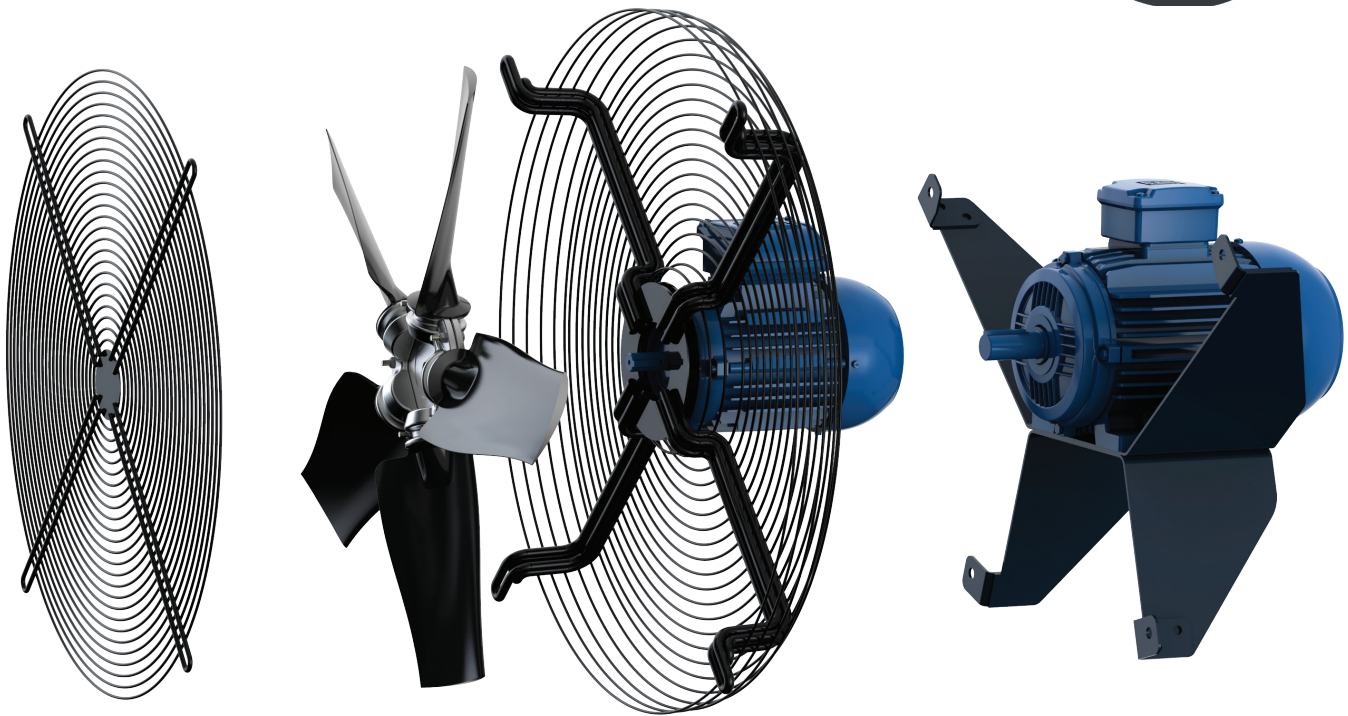


# CUSTOMFAN™ OPTIONS



CUSTOMFAN™ components are determined based on your application requirements for geometry, airflow and other considerations. CUSTOMFAN™ components include:

- **Fan housing** options include materials, surface treatment and geometry
- **Fan guards** are designed according to standards for safety, accessibility, optimization, material and surface treatment
- **Impellers** available in a range of materials and selected from thousands of Multi-Wing fan configurations to solve the toughest air-movement challenges in diameters from 250 to 1,600 mm (10" to 63")
- **AC and EC motor** selections are based on your specifications for power, RPM, quality and materials to withstand extreme temperatures and hazardous environments as well as other considerations

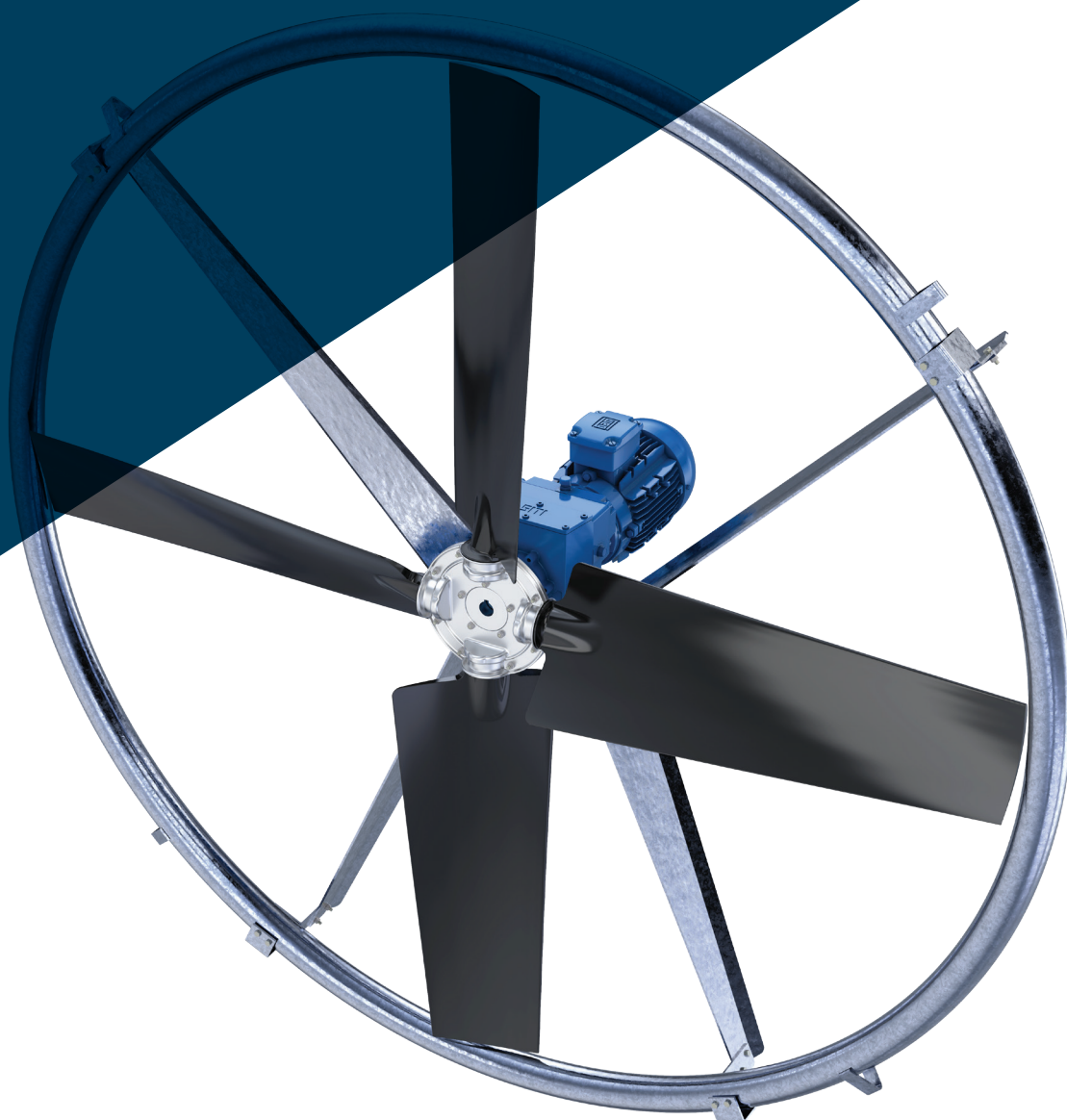


CUSTOMIZER is our Internet-based app that allows engineers to provide us with pertinent information about their application, including airflow, static pressure, impeller and motor requirements and other details. Users can also upload additional documentation about their application.

Visit our website at [multi-wing.com](https://multi-wing.com) to start specifying your CUSTOMFAN™.

# THE CUSTOMFAN™ ADVANTAGE

” To achieve optimum airflow and fit for your application, each CUSTOMFAN™ solution is adapted to your geometry and performance utilizing a Multi-Wing impeller. Customers that have strict criteria as well as manufacturers that want to improve performance or expand their range of fans benefit from Multi-Wing's CUSTOMFAN™ fan packages.





## FAST TRACK

Fast development and supply.



## SINGLE SOURCE

One supplier for a complete custom fan system.



## OPTIMIZATION

Fully tested in cutting-edge facilities.



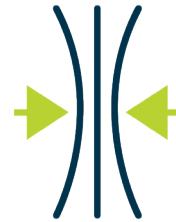
## MULTI-WING FANS

The widest range of fans on the market.



## CUSTOMIZED

Modular and customized components.



## ENGINEERING

Adapts to the needs of your application.



**MULTI-WING.COM**

Worldwide Locations  
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by

