

## SALES GUIDE.

Fans in the glass industry are used to manage air movement, temperature control, glass tempering and exhaust process gases for the production of various types of glass.



GLASS PRODUCTION  
SOLUTIONS WITH **CONTROL,**  
EFFICIENCY & DURABILITY



Model HIB,  
Arrangement 8

## INDUSTRY OVERVIEW

### WHY HVAC IS ESSENTIAL IN GLASS MANUFACTURING

Efficient air movement is critical to maintaining consistent product quality, worker safety and compliance with strict environmental regulations. From melting to annealing, proper ventilation, temperature control and air filtration are non-negotiable in today's high-demand glass production.

### KEY INDUSTRIES USING GLASS

- Architectural / Construction
- Automotive
- Electronics
- Food Containers

### KEY APPLICATIONS

- Furnace Exhaust
- Glass Tempering
- Mold Cooling
- Combustion Air
- Dust Collection
- Air Filtration

### MARKET DRIVERS

- Rapid growth across automotive, architectural, container and specialty glass sectors
- Tighter emissions and energy efficiency regulations
- Rising need for product consistency, quality control and operational efficiency

### FAN CHALLENGES IN GLASS MANUFACTURING

- Extreme heat and thermal cycling
- Airflow and pressure requirements
- Energy efficiency
- Reliability and uptime
- Regulatory compliance



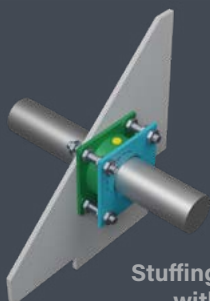
# PRODUCT ACCESSORIES & OPTIONS



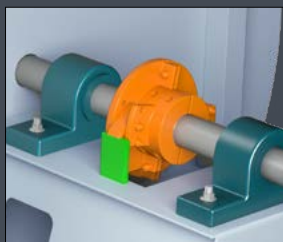
Insulation



Bearing Vibration Sensor



Stuffing Box Shaft Seal  
with Gas Purge



Anti-Rotation Device



MODEL HIB, ARR. 1

*Designed with impeller and shaft enhancements to provide dependable service when cycled at a high rate, which is common in the glass industry, ensuring long life and safety of the fans in operation.*

## WHY TWIN CITY FAN?

- **Industry-Tailored Designs:** With years of expertise in glass-specific applications, we manufacture our fans to endure tough conditions.
- **Engineering Expertise:** TCF's engineering expertise is unmatched, ensuring your customer has the most efficient and reliable fans in the industry.
- **Fast Lead Times:** Large production footprint and expedited delivery available.
- **Breadth and Depth of Product Line:** Twin City Fan offers a wide range of fan types and sizes to ensure you have the optimal fan selection to meet your customer's efficiency and reliability needs.
- **Reliability:** Twin City Fan products are known for durability and dependability, providing long operational life with minimal maintenance.
- **Piece of Mind:** TCF is an AMCA member, ensuring the performance delivered matches the investment made.







[WWW.TCF.COM](http://WWW.TCF.COM)

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## CUSTOM PRODUCTS CAPABILITIES

-  FANS FROM ¼ HP TO 15,000 HP
-  WIDEST RANGE OF MATERIALS
-  FULL RANGE OF TESTING
-  LARGEST INSTALLATION BASE

*Twin City Fan & Blower has become the standard in many industries and applications due to our ability to adapt our products to meet your individual needs. TCF looks to partner with our customers to help us understand the competitive landscape of each industry.*

*For verifiable details, especially case studies, please check the official Twin City Fan & Blower website or contact company representatives to access specific project outcomes and client testimonials.*