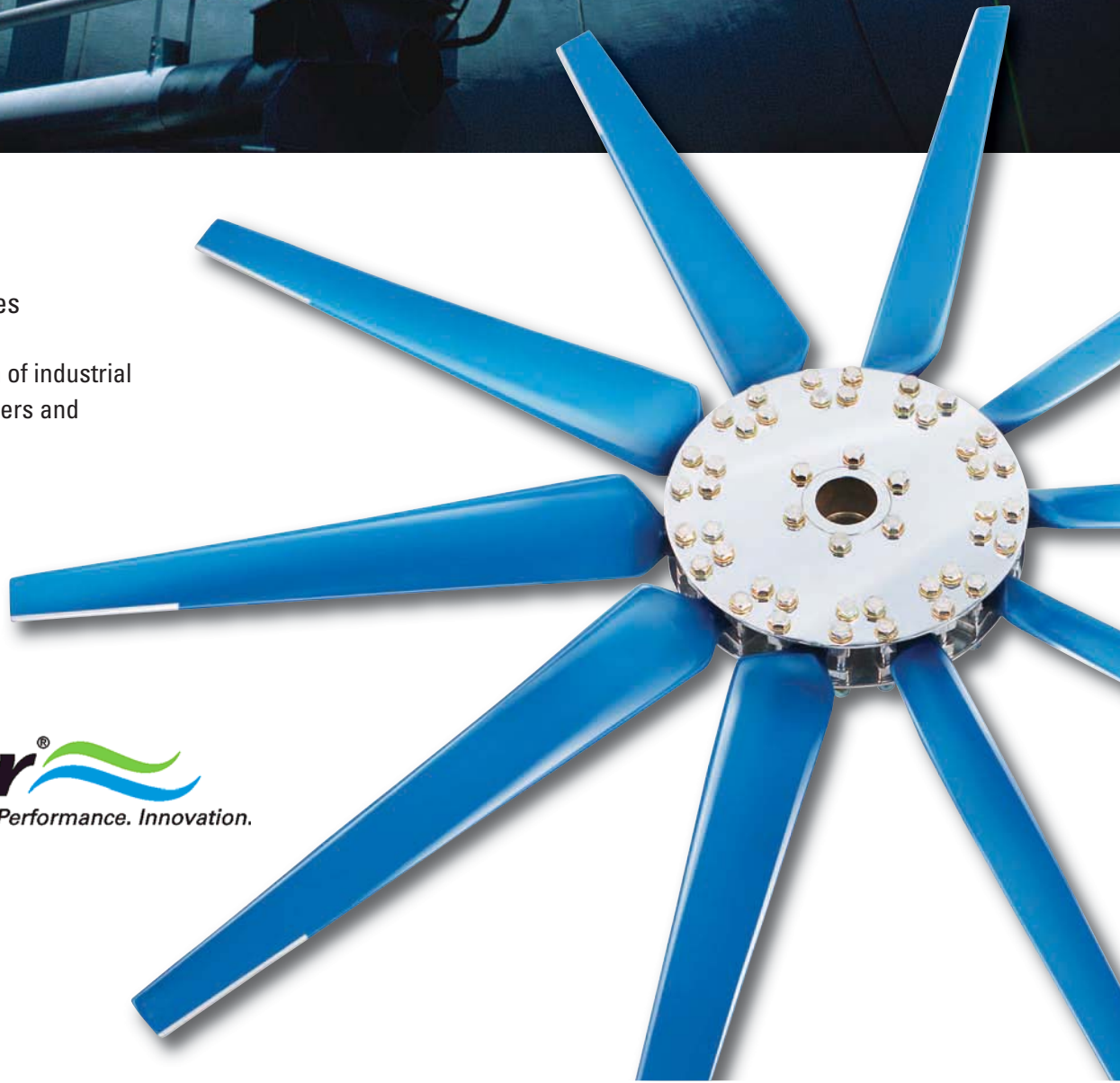




Swifter® CTX Series

The next generation of industrial fans for cooling towers and heat exchangers



Swifter[®]
Efficiency. Performance. Innovation.

FAN SELECTION PROGRAM

The state-of-the-art CTX Series Fan Selection Program is available on the Swifter® website. There is no need to download software or order a CD. The program provides all possible fan selections for the required duty points. The user can then select the most optimal fan for the given requirement to further access comprehensive fan data, including performance curves, specifications and drawings.

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Efficiency. Performance. Innovation.

CTX Series
Next Generation
Industrial Fiberglass Fans

CTX Home CTX Selection CTX Product Info Custom Fans News About Us Red Fan Series

Input **Selections** Curve Torque Dimensions

Save Print Quote Register

Fan Performance

T3962-H26Q2-12-D105-X

Performance and Power indicated does not include drive losses or losses associated with blade tip clearance greater than 0.5% of impeller diameter. Actual performance and absorbed power may vary depending on actual blade tip clearance and drive losses.

Diameter:	13 ft	Air Volume:	160000 cfm	Running Freq:	4.4 Hz
No. of Blades:	12	Static Pressure:	0.5 in.wg	Blade Pass Freq:	52.4 Hz
Blade Angle:	6 deg	Power:	18 hp	Blade Nat. Freq:	3.6 Hz
Speed:	262 rpm	Static Eff:	69 %	No. of Beams:	3
Air Density:	0.075 lb/ft ³	Total Eff:	82 %	Beam Pass Freq:	13.1 Hz
Fan Weight:	2425 lb	Total Thrust:	345 lbf	Fan Inertia:	69805 lb-ft ²
E vase Length:	0 ft				

— System Resistance 6, 10, 16, 22 ... Blade Angle

Sound Data

Noise levels based on Hemispherical Free Field conditions.
(Directivity = 1, Measurement Distance = 3ft)

Octave Bands	63Hz	125Hz	250Hz	500Hz	1kHz	2kHz	4kHz	8kHz
Snd Power (Lw dB)	91	95	97	92	91	90	88	81
In/Outlet Estimated Snd Pressure (Lp dB)	81	85	87	82	81	80	78	71

Estimated Overall Inlet Noise Level = 87dBA

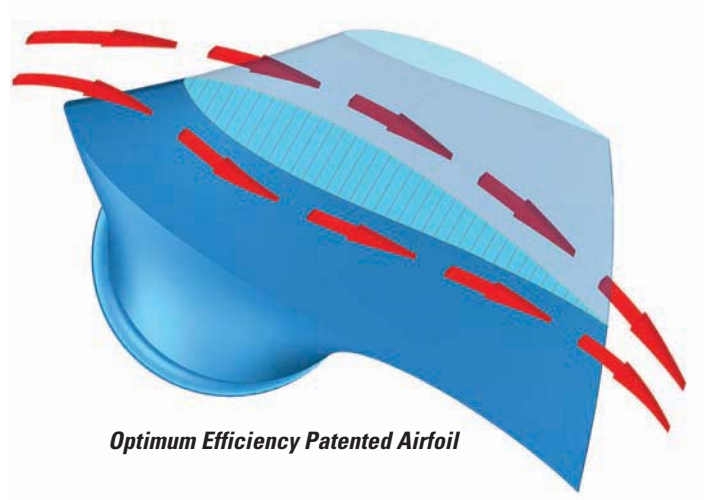
Powerful and easy-to-use online fan selection program

THE CTX SERIES FAN

Swifter® CTX Series are the next generation of industrial axial flow fiberglass fans. These Fans are designed to provide high efficiency and low noise without compromising on fan performance. The fan blades incorporate optimum efficiency patented airfoils using CoreMax™ advanced composite technology and have innovative features that enhance performance and durability.



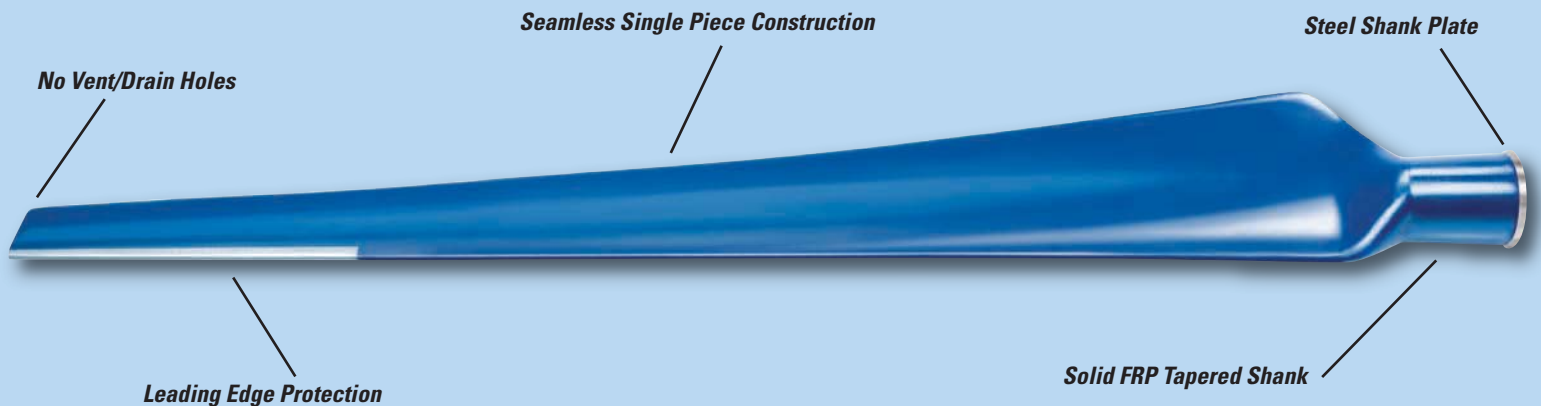
High density PU foam core fiberglass blade made with CoreMax™ technology



Optimum Efficiency Patented Airfoil

INNOVATIVE FEATURES

CoreMax™ technology makes the CTX Series the most innovative industrial fiberglass fans on the market. The CoreMax™ proprietary manufacturing method involves a two part process in which a fiberglass blade shell is molded simultaneously with a high density polyurethane foam core and then interlocked together, resulting in a contiguous hybrid composite fan blade that has superior reliability and durability over conventional hollow-core fiberglass blades.



FAN APPLICATIONS

CTX Series Fans are available in diameters ranging from 5 feet to 40 feet, in 4 to 16 bladed configurations. All fans are precision balanced and have manually adjustable pitch blades. Applications include:

- Cooling towers
- Air cooled heat exchangers
- Chillers
- Industrial radiators
- Condensers
- Evaporators

Custom sizes, colors and configurations are available.



Precision Balanced Fans



Custom Stainless Steel Hub Assembly

EFFICIENCY. PERFORMANCE. INNOVATION.

UNIQUE CTX BLADE FEATURE	BENEFIT
SLIM LINE BLADE PROFILE	<ul style="list-style-type: none"> • Requires Less Start-Up Torque • Reduced Load on Drive System • Less Blade Bulk Results in Easier Handling and Installation
HIGH DENSITY PU FOAM CORE FRP BLADE ¹	<ul style="list-style-type: none"> • Low Weight / High Strength • Low Surface Deflection Minimizes Possibility of Blade Failure • Low Surface Deformation Maintains Aerodynamic Performance
STEEL SHANK PLATE ²	<ul style="list-style-type: none"> • Protects Shank From Impact Damage During Handling • Enables Precise Blade Placement into Hub Assembly During Installation
SEAMLESS SINGLE PIECE BLADE	<ul style="list-style-type: none"> • Eliminates Joint Line Delamination and Splitting
NO VENT/DRAIN HOLES	<ul style="list-style-type: none"> • Prevents Debris, Moisture and Condensation Entry into Blade Cavity • Improves Blade Life and Maintains Structural Integrity • Minimizes the Potential for Fan to Become Unbalanced

¹Applicable for 10 Feet Diameter and Larger Fans

²Applicable for 17 Feet Diameter and Larger Fans

THE COMPANY

Glocon Inc. was established in 1981 as an engineering and consulting company that originally served the Power Industry. Over the years, we diversified into industrial manufacturing and expanded into other markets, including automotive, HVAC and process cooling/heating industries. Today, Glocon has a broad range of capabilities including fiberglass molding, metal casting and fabrication.



Recognizing a need in the market for a new generation of air movement components, we leveraged our extensive engineering and manufacturing expertise and took strategic steps to strengthen our position as a leader of innovation in the process cooling and heating/HVAC industries. We invested millions of dollars in research and development of composite technologies, specifically focusing on improving production methods for molding fiberglass industrial fans. The result was the introduction of the highly innovative and unique Swifter® brand of Industrial Fiberglass Fan lines.



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