Hudson Fin-Fanner®

Fin-Fan® Air Cooled Exchangers and Tuf-Lite® Axial Flow Fans

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Buyer's Market

Volatile steel pricing is the latest worry affecting our industry, however we have seen a definite increase in inquiries for significant projects around the world. However, substantial shop capacity remains in our industry and pricing is very competitive. We are seeing a familiar cycle where many projects are waiting final approval and could launch within a short time frame (6 months) resulting in higher shop backlogs (we hope!!). If your project is close, now is the time to place lead items at prevailing low prices.

Hudson Fan Guarantee-Repeated

We will provide you with a Hudson Tuf-Lite fan assembly to install and test for 90 days. If you are satisfied, we send you the bill, if not we take the fan back no questions asked. We back our fan performance claims with "real" guarantees.

New Low Noise Fan Development

Work is currently underway on the development of a new low noise fan to be designated the KW blade. The initial prototype has been fabricated and performance testing is almost complete at our R&D facility. Increased fatigue strength will promote greater horsepower loading, greater reliability, and longer blade life. The KW design is patterned after the larger Tuf-Lite III® and is a single piece blade composed of the latest high-strength fiberglass cloth strategically arranged and set into a tough FRP matrix via the latest epoxy resin. Fan sizes will range from 11ft through 16ft.

A prototype APT-14KW-6 fan assembly (shown below) is nearing completion of performance testing at the Beasley Small Fan Test Facility. The new blades are mounted to a new, small diameter S4000 style hub assembly sharing the S4000 split clamp and the 53" seal-disc with Tuf-Lite II®. The smaller hub and the split-clamp should provide both high aerodynamic efficiency and high reliability in the rigors of Hudson Fin-Fan applications around the world. We are optimistic that the new fan will be ready for internal ACHE production by the 4th quarter of 2004.

Performance Tip

Inlet Bells on the fan fin inlets can reduce inlet turbulence resulting in performance gains and reduced overall noise levels. They are not expensive and if not included on your new or existing units, consider what an investment of a bout $400 per fan can mean when translated to up to 5% in efficiency gains or 2 – 3 dB in noise reduction.

HTRI – Activities

The Heat Transfer Research Canadian Communication Committee continues to offer two sessions per year with one yearly session dedicated to technical training. The next scheduled meeting is for June of 2004 and please email for more information as there are courses offered following the general meeting. Fred Hendrix of HTRI presented a detailed overview of recent product development activities as well as offered tips on user questions during the December 2003 sessions.

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