



# Hudson Fin-Fanner®

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

[www.hudsonproducts.com](http://www.hudsonproducts.com)

[hudsonproducts@hudsonproducts.com](mailto:hudsonproducts@hudsonproducts.com)

Spring 2005

## New Hudson Acquisition

On December 30<sup>th</sup>, 2004 we welcomed the addition of **Cofimco S.p.A** to the Hudson group of companies. This outstanding line of axial flow fans meshes nicely with our current Tuf-Lite® product line filling in many open slots in our fan product offering. This includes low noise fans in cooling towers and aluminum fans for the cooler market. [www.cofimco.com](http://www.cofimco.com)

## G. E. (Buddy) Kluppel Retires

Perhaps no one short of Ed Hudson himself as had more impact on this company than Buddy Kluppel, who recently retired from full time work at Hudson after 45 years of service. Many of you know Buddy through his many industry commitments on boards with API, CTI and HTRI committees. He will continue to be a "go to man" in a consulting role while enjoying his deserved retirement.

## Europe Operations

Mr. Marc Ellmer of Elflow BV will head our European operations from his location in the Netherlands. Since 1998, Elflow BV has provided valuable know-how to operators contemplating air cooler performance improvements. Marc has 10 years of practical experience in air cooler analysis. He has performed hundreds of tests on air and cooling tower units in Europe, Africa & Middle East.

Elflow BV  
PO BOX 18570, 2502 EN  
Den Haag - The Netherlands  
Tel +31 (0)653 510 623  
Fax +31 (0)842 232 509  
[elflow@planet.nl](mailto:elflow@planet.nl)

## Sales Rep Announcements

Hudson has added Sales Representative offices in the Middle East, Korea and SE Asia. Please see our website for details.

## Performance Tips - Bundle Spraying

While we do not condone spraying water directly on coolers to enhance cooling, we are asked frequently about the practice. Systems that we have seen in moderately successful operation include:

- humidified design system consisting of air compressor assisted high pressure atomizing nozzles on bundles with extruded fins
- wet wall membranes using purified and treated water

### Problems:

- thermal shock of bundle, fouling of nozzles or wet membrane packing, buildup of water minerals on fins, excessive external bundle corrosion

## API - Spring Refining and Equipment Standards Meeting - New Orleans

An excellent round table discussion and presentation on air cooled exchangers was provided by an industry panel of experts. Topics covered design and trouble shooting in detail with solutions and valuable analysis techniques.

## Market Report

What a difference a year, and \$50BBL oil makes. The Fin-Fan® cooler market is being driven by the buildup of projects in LNG (Liquifaction and Regasification), Gas To Liquids, and Heavy Oil. The hot spots for our businesses are the Mid-East, SE Asia, Africa and Canada. We have been meeting with many large EPC contractors around the

world and the demand will exceed supply by a forecasted 2:1 ratio. Needless to say, capacity addition is in our business plan.

## HTRI - Activities

- Xace Version 4.0 has been released and feedback has been constructive from many of the Global Communications Committees

## The Token Scenery Shot

And finally, is there anything prettier than a winterized Fin-Fan® silhouetted against the cool Northern Sky? (Winterized shoe-box modules being trial fitted.)



For further information on any of these topics please contact us:

Hudson Products Corporation  
1307 - Soldiers Field Drive  
Sugar Land, Texas  
Phone: 1-281-275-8125  
Fax: 1-281-275-8211  
[sechapple@hudsonproducts.com](mailto:sechapple@hudsonproducts.com)