

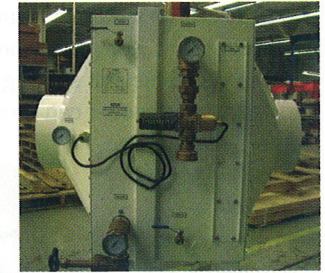
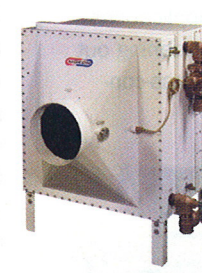
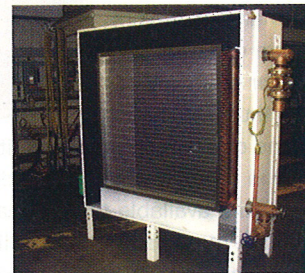
# Processing Goes Inside ...

## Mokon BFC Series

### Processing Goes Inside the BFC Series Blown Film Air Cooler

The Mokon BFC Series Blown Film Air Coolers were officially introduced in September, 2008. Prior to releasing the product to the market, Mokon performed sales training with their internal sales and customer service groups as well as their North American Independent Network. Research and development for this line of high-static pressure air coolers used to increase blown film productivity began in July of 2007.

This new cooler, which was in development for nearly one year, was born out of necessity. One of Mokon's customers was dissatisfied with their current vendor and looked to Mokon to develop a line of air coolers to stabilize air ring temperatures. High on the list



of the company's engineering goals was to satisfy the need for a durable, low-maintenance and efficient cooler to boost blown film output thereby lowering production costs and waste. Beta tests were conducted at the customer's chosen site and the customer's feedback was positive.

From development to introduction, it took the product design team 15 months from the time they started developing the product to the time it was officially introduced. To date, all installations have been in North America; however, the company is expanding its promotion into select export markets where growth is expected.

Although Mokon released the blown film cooler product line to satisfy the demand in September 2008, its research and development department continued to make improvements for the next generation of high static air coolers. Mokon engineers recently modified the incoming air diffuser to ensure that the incoming air is more uniformly dissipated across the condensing coil. This modification resulted in an enhancement in removal of heat and humidity from the process air and insuring improved throughput of film. This new diffuser was developed using 3-D modeling and flow simulation software.

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