



AHR 2011 Recap

The annual AHR Show was held this past week in Las Vegas, setting attendance records for one-day attendees on Monday (this was also the first time it was held in Las Vegas). For those of you who were unable to attend, we've provided a little recap as to what went on, what we saw, and what we took away from the show.



Trade shows are good for a few things - putting faces to names, networking with customers, and checking out what's new in the industry, just to name a few.

The Las Vegas Convention Center measures some 3.2 million square feet, nearly all of which was taken up by exhibitors showcasing the latest in HVAC products and technologies. Everything from pipe fittings and tools to burners, boilers and controls were on display, all with the aim of making life that much easier.

One thing I was particularly impressed with is the proliferation of web-based, touchscreen control systems. The 21st century is all about flexibility and mobility, two things this technology is built around!

To learn how ETTER Engineering can help you stay flexible on the go, call us at 1-800-444-1962 to talk about our web-based control systems!

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CSA-Approved Ventless Gas Regulators from [Bryan Donkin USA](#) are now in stock!

Contact us today to learn more about "going ventless," which oftentimes can save significant amounts of money on your next regulator project!

Focus on Our Capabilities



Manufacturing high-tech insulation has many unique challenges, and when a local leader in the industry needed help, they knew they could count on ETTER Engineering to help solve their problems! The process uses an

Tech Tip:



All About Gas Vent Lines

Most gas trains on

ammonia-based solution at the start, so there is a thermal oxidizer to ensure environmental compliance. Airborn silica feeding the oxidizer was coating the oxidizer's heat exchanger tubes, which was the only heat source for the large processing line. As the tubes were building up layers of the insulating core material, the efficiency of the heat exchanger was decreasing. Insufficient heating, excessive maintenance, and reliability were the areas that [ETTER Engineering](#) was asked to provide solutions for.

The outcome of the analysis was to provide two direct fired [packaged heater systems](#). These units will provide the high temperature process air, which will alleviate the contamination of the heat exchanger, and ensure reliability. The systems provided are complete in outdoor enclosures, controls, fans, and valving. The heater systems utilize low NOx burners, and VFD controls on the process fan, to provide process flexibility while maximizing energy efficiency. Just another example of how ETTER can help you "go green!"

The heaters are designed to deliver up to 800°F process air, with high turn-down ability. The packaged burner is a Maxon Oven-Pak LE, low emissions burner, that maintains a high turn-down ratio. It is controlled by a SIEMENS SQM-4 control motor that controls the air and fuel flow control with high resolution. A fully [NFPA 86 compliant gas train](#), along with a [UL-508 approved control system](#), make this system another high quality product from ETTER Engineering!

About ETTER Engineering:

ETTER Engineering has been serving the Process Heating & Combustion industries since 1940. With over 100 years of combined combustion experience on-staff, ETTER is **THE ONE STOP SHOP FOR ALL YOUR COMBUSTION NEEDS!** From Custom Engineered Systems to parts and service, ETTER is ready to assist you in completing your next project on-time and under budget.

Thank you for your continued business. We are here to be your partner in all your combustion related projects!

Please note our NEW address:

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boilers and industrial gas fired equipment are indoors. Let's be realistic - how many of us regularly check the vent lines or walk to roof checking to see that things are proper? In a recent high profile case, a school full of children was evacuated ... [READ MORE](#)

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