

Heat Transfer Times

The Latest News & Information On
Advanced Heating and Water Systems

Elite

Ultra High Efficiency
PHOENIX
Gas Water Heaters

SUPERstor

2010 - AHR EXPO - Showcase: The Phoenix Evolution™ & The Elite Heating Boiler®



Over 44,000 Professionals Made the 2010 AHR Expo in Orlando the #1 HVAC&R Industry Event of the Year.

28,582 contractors, engineers, facility managers, reps, distributors, OEMs and other HVAC&R professionals helped make the 2010 Show the best attended AHR Expo ever in the Southeast, as well as the 16,000-plus exhibitor personnel from 1,822 exhibiting companies that displayed the latest equipment and products.

The drive for greater energy efficiency, greener products and sustainable technologies has accelerated the pace at which new products and innovations are coming to market. In this challenging economy, Heat Transfer Products showcases 2 new and innovative products, the Phoenix Evolution™ and the Elite Heating Boiler®

A panel of judges, made up of ASHRAE members selected for their exceptional knowledge of the industry and its products, choose the Phoenix Evolution™ as one of the 2010 Innovation, Honorable Mention Award Winners.

The Heat Transfer booth was constantly packed with those wanting to learn more about our great new products.

The Phoenix Evolution™ is the most innovative hot water and heating system in the world today. Imagine a system that can provide hot water for the domestic system, radiant heating, hydro air and even solar assist all in one appliance. With the Phoenix Evolution™ the designer has an extremely versatile appliance that can be used in many commercial and residential applications. The Phoenix Evolution™ is capable of delivering up to 314 gallons of hot water in the first hour with the added benefits of 96% Thermal Efficiency and an insulated tank that only loses a ½ degrees per hour in standby heat loss.

The Elite Heating Boilers® features a bold new appearance, coupled with highly engineered components, designed to offer our customers significant improvements in Performance, Quality and Serviceability. The Elite Boiler lineup is uniquely designed to offer best in class features to the heating industry.

The Elite Boiler has an outstanding 6 to 1 turn down ratio. Greater turndown allows this appliance to modulate at lower firing rates which reduces short cycling, conserves energy and improves component reliability.

The Elite Heating Boiler® offers six input options ranging from 80,000 to 399,000 BTU's. This range will offer you the flexibility that you need to properly size your installation. The Elite Heating Boiler® offers an impressive combined 200 vent length feet allowing incredible installation flexibility. All Elite Heating Boilers are vented in easy to install PVC venting. Plus, the Elite Heating Boilers® is up to 98% AFUE, the best in the industry.

Check out our channel on YouTube where you can see CEO, Dave Davis give a video walk thru on the Elite and the Phoenix Evolution: <http://www.youtube.com/heattransferproducts#p/a/u/1/RjLEgvO4vzk> or you can watch the videos on our HTP website.

KIM CARVALHO - It's about the People



Who is the face behind HTP's voice on the automated attendant????

Kim Carvalho, Customer Service Manager, that's who!! Kim is one of the few veterans of Heat Transfer and has been with the company for 10 years. She began her career as a Customer Service Rep / Accounts Receivable Clerk and was promoted to Customer Service Manager in Sept of 2006.

In her role, Kim is responsible for overseeing the Customer Service Specialists with regard to Sales Order Entry, RMA / Warranty and customer care procedures and still maintains responsibility for Accounts Receivable/Collections. Kim has also been in charge of several special projects including the Return Materials Authorization policy and procedure and the

Maxload program for building truck shipments. Her current project is working with other HTP departments to find more automated systems that will improve our ability to process and ship orders to meet our customers' many needs. Kim Carvalho and the rest of the Customer Service Team are dedicated to providing the best customer service in the industry!!

Kim has been married to her husband, Jason, for 5 years and they have three children. In her spare time, Kim enjoys reading, writing short stories and spending time with her family.



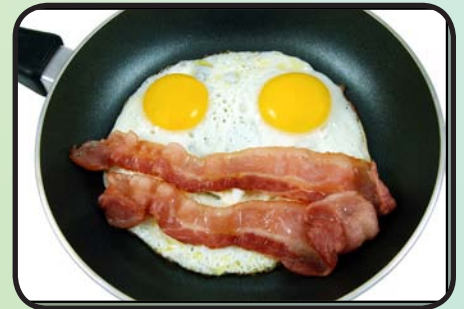
A pig and a chicken are walking down a road. The chicken looks at the pig and says, "Hey, why don't we open a restaurant?" The pig looks back at the chicken and says, "Good idea, what do you want to call it?" The chicken thinks about it and says, "Why don't we call it 'Ham and Eggs?'" "I don't think so," says the pig, "I'd be committed, but you'd only be involved."

The Chicken is merely involved. He gains by Pig's performance but does not contribute day to day to get things done. He can turn into a rooster who struts around offering uniformed, unhelpful opinions.

By contrast, Pigs are totally committed. Pigs are performers, people who do the work. Pigs are accountable for the outcome.

So the question is – Is your manufacturer of high efficiency heating, water heating or solar equipment a Pig or a Chicken? Are they merely involved in high efficiency or are they truly committed to it?

High efficiency heating, water heating and solar products are all we make, sell and support. It's our livelihood. It's not just a small segment of our product offering. It's all we do. So if you are committed to installing only the best high efficiency heating, water heating and solar products, chose a fellow pig who is committed to your success– Heat Transfer Products. If you are using some Chicken's products – Watch out! The sky really is falling!



Tech Tip: – Spark is King



From the
Tech Wizard...

Spark is King: The three main components needed for combustion are spark, fuel and air. You can have plenty of fuel and air, but without an ignition source (the spark) there will be no combustion. This is why spark has been deemed king of the ignition sequence.

All of our products have a sight glass that allows technicians to take a look inside the heat exchanger. Technicians are able to see combustion take place through this sight glass. If the spark fails to ignite a boiler, then there is a good chance that it is shorting itself to ground. Electricity will always take the shortest path to ground.

The Solution: If a spark fails to ignite a unit there are several steps that should be followed to correct the issue. First turn off the gas supply and remove the spark igniter from the mounting location. Then make sure that the spark igniter has a clear path into the exchanger. To verify this you take a small flat head screw driver and ream out the igniter mounting hole by pushing the refractory material aside. Really make sure the path is clean. Next, reinstall the spark igniter while leaving the gas supply off. Finally, reset the system and check for a spark. Once a clean spark is established turn the gas supply on and the ignition process will come alive! Remember spark is king.

What do you need to grow your business?

Heat Transfer Design Studio

Video / Brochures / Photography / Web Design



What more can you do to help grow your business? How about display a banner or poster, maybe get some brochures into the hands of potential customers or show them a promotional video.

Be sure to visit our website: www.htproducts.com

Check out some of our videos on our YouTube Channel: www.youtube.com/user/heattransferproducts

Why not become a fan on our Facebook page: www.facebook.com/pages/Heat-Transfer-Products/314690778158