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The E²Stak Solution: Low Emissions & High Efficiency



The Nationwide Boiler E²Stak solution utilizes Nationwide's CataStak™ Selective Catalytic Reduction (SCR) system technology and the energy efficiency of EconoStak economizers to provide both low emissions and high efficiency in one complete system.

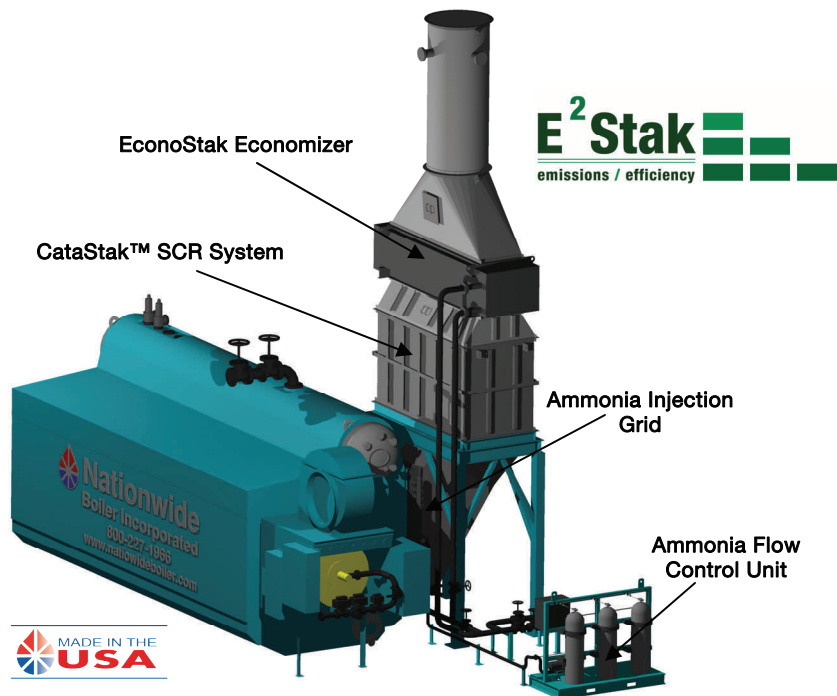
The first phase of the E²Stak solution, emissions reductions, is achieved with the CataStak™ SCR system. This technology uses catalyst and ammonia as a reducing agent to convert NOx to harmless nitrogen and water. The second phase of the system, energy efficiency, is accomplished using EconoStak economizers. In this instance, the extended surface finned tube economizer captures valuable waste heat and sends it back into the boiler feedwater or make-up water, saving a considerable amount of fuel and significantly reducing operating costs.

E²Stak is the simple, cost effective solution to meet strict emission requirements, while attaining high operating efficiencies and providing possible energy credit incentives or rebates. Contact Nationwide Boiler today to see how your can reap the benefits of an E²Stak solution.



**Simple, Safe & Reliable:
The E²Stak Solution**

Nationwide supplied a proven E²Stak solution on a 40,000 lb/hr boiler at a California University (pictured at top). The equipment easily met the 5 ppm NOx emission requirements and the boiler's performance was optimized, resulting in an almost 4% efficiency increase and an immediate energy cost savings. Trailer-mounted rental boiler with an E²Stak solution (pictured at bottom).



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