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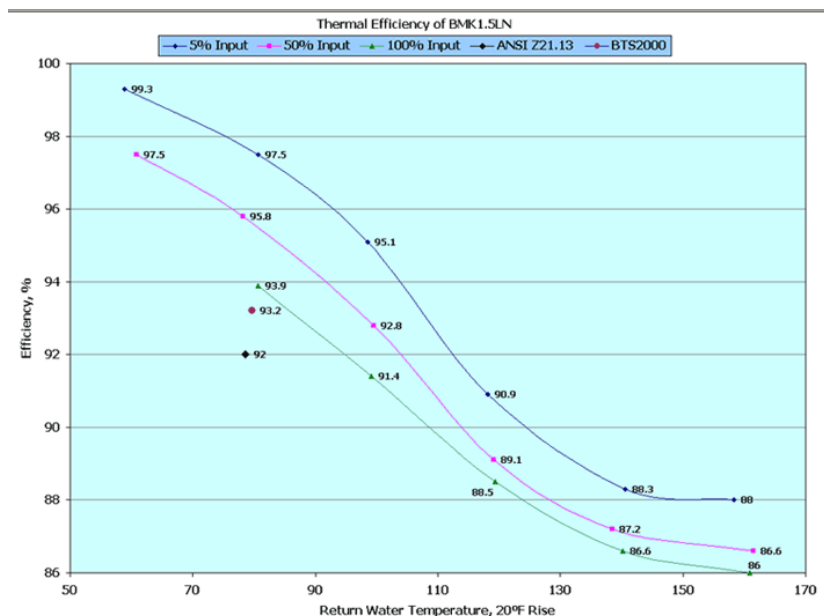
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June 15th 2009 ~ Monday Morning Minutes:

What is the efficiency of my installed condensing boiler or water heater?

If you answered 97%, you're not alone. You're most likely not right, but you're not alone. Many boiler manufacturers have jumped into the world of condensing boilers, and they brought along their best marketing tools to help differentiate them from the competition. Here's a quick example of what it takes to achieve 97% efficiency:



Using the above efficiency chart for the Aercro BMK1.5LN Benchmark Boiler, one can see that a typical 180°F - 160°F system will not get you to that level of efficiency. In fact, the system requires a 80°F return water temperature AND the burner will have to be modulated down to 5% in order to achieve the highest efficiency.

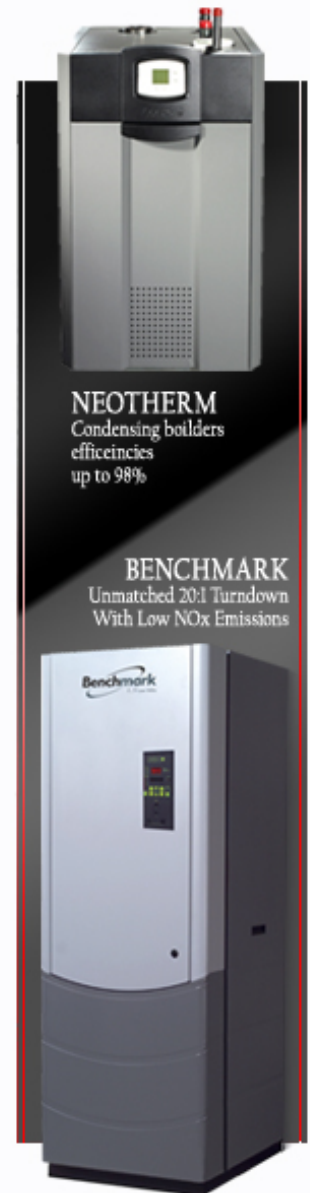
This series of Monday Morning Minutes will go into great detail about condensing boilers/water heaters. Here are the topics that we will discuss:

- Selection Considerations
- Matching Boilers/Water Heaters to Systems
- Controls

In the next few issues, we will begin our discussions with selection considerations including materials of construction, turndown ratios, condensation handling and venting.

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