

ERVMAX RETROFIT CASE STUDY

Industrial Plant Casa Grande, AZ 20 Ton Trane Intellipak

- Completed in June, 2004
- One 20-ton ERVMAX unit
- Capacity Increase average 16%
- Average EER increase over OEM rating of 33%



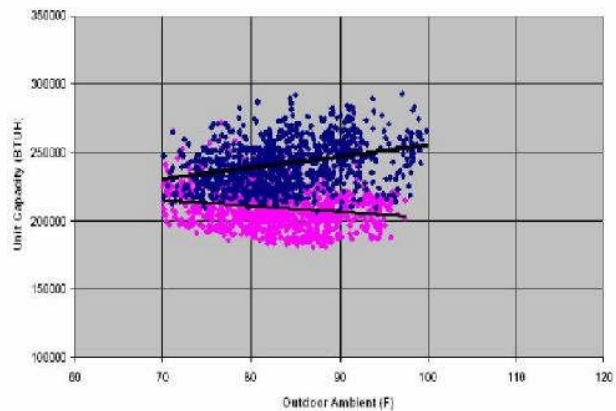
One 20-ton Trane Intellipak package unit serving the engineering, accounting offices, was retrofitted with a 20-ton ERVMAX unit using indoor air. Pre/post testing was performed between April and May by Wheatstone representatives. The data collected by Wheatstone illustrates that the package unit average efficiency increased from 9.0 to 12 EER, or 33%. Efficiency improvements were realized through higher system capacity (lowering run times and driving more desirable part load operation) and lower input power requirements.

Note: 33% increase in efficiency was based on refrigerant data and that the air side data showed a significantly higher increase and efficiency than the refrigerant side data.

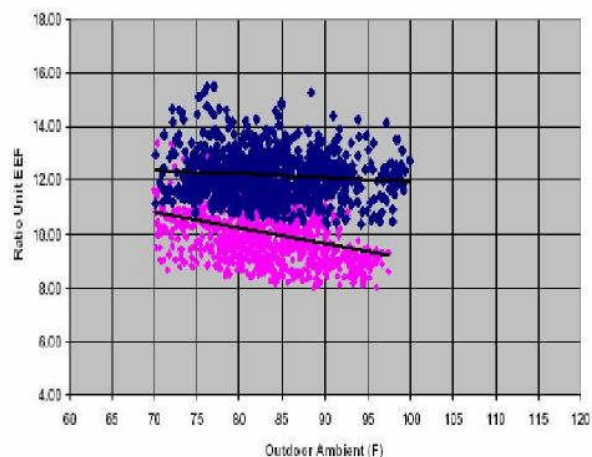
**ERVMAX Pat. Nos.: 6,070,423;
6,857,285; & 7,150,160**

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Unit # 3 Trane 20 Ton Capacity



Unit #3 Trane 20 Ton Efficiency



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