

ERVMAX RETROFIT CASE STUDY

Industrial Plant Casa Grande, AZ 30 Ton Trane package unit

- Completed in June, 2004
- 1 –30 Ton ERVMAX unit
- Capacity increase of 24%
- Increase in efficiency of 23% at 95 degrees F ambient temperature

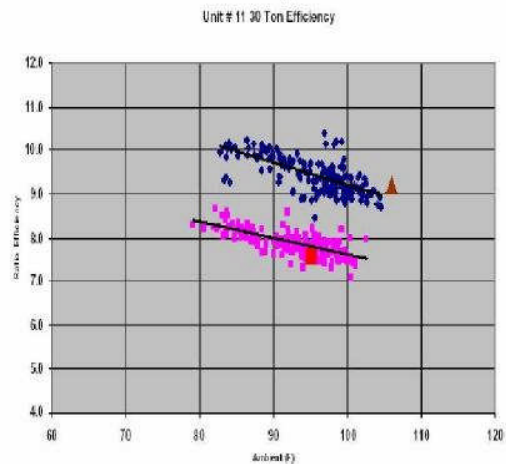
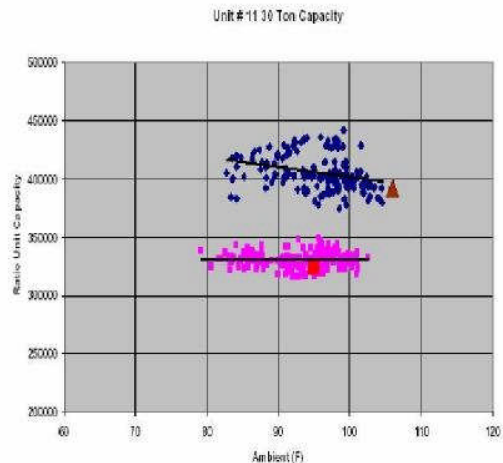


One 30 ton Trane package was retro fitted with a 30 ton ERVMAX unit using indoor air. This unit fully loaded was producing about 28 tons of cooling. Now this unit is providing 35 tons of cooling at 95°F Outdoor air temperature while running @ about a 9.5 EER. This unit is about 10 years old when retro fit was performed.

Note: 23% 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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