BENCHMARK VSTAR™

Seeing a whole new level of comfort

The VStar Advantage

1. Higher Level of Comfort
2. Lower Humidity in the Cooling Season
3. Lower Operating Cost
4. Dramatic Hot Water Savings
5. Load Shifting and Zoning
6. Reliability
7. Multiple Sizes Available
8. Quiet
9. Available Now
10. Built in the USA

Traditionally air conditioning systems have been designed to control temperature but not humidity. With the advent of the variable speed compressors coupled with variable speed blowers we now are getting very close to being able to not only control temperature but humidity as well.

In the past designers had to design expensive reheat systems in order to control humidity or have multiple systems serve one area with one unit being smaller and having longer cycle times in order to lower humidity levels. A third option might have been a separate dehumidification system dedicated to latent control.

Depending on the control system utilized, the VStar unit can bring under control temperature and humidity all in one package. The VStar is not only the most energy efficient closed loop unit on the market today, it also delivers a level of comfort previously unattainable in a traditional A/C unit. Load shifting also enables the VStar unit to elevate the comfort level with the built in zoning system.

The VStar's increased runtimes in its reduced capacity and high efficiency mode delivers one more powerful feature: **free-hot water!** Hydro-Temp U.S. Patent # 4,249,390 enables units in cooling dominant climates to reject 100% of the sensible & latent heat to a hot water storage vessel. Utilizing R-410a non-ozone depleting refrigerant the VStar unit can heat water up to 116° F free in the cooling season and at a very low cost during the non-cooling times of the year.

Many customers have remarked about how comfortable their homes are with the VStar system installed. They even talk about how they typically have the thermostat set higher than before because the house is more comfortable with lower humidity.

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