

EnergyDashboard™ is a web-based energy and performance monitoring service developed by VaCom Technologies for refrigeration systems, heat pumps and chillers. Using communication over the Internet or by modem, information is collected from remote monitoring or control monitoring systems.

These values, including temperature, pressure, flows, power usage, and others are processed to provide key performance parameters for the mechanical system or industrial process.

The typical high-level performance parameter for a refrigeration system or chiller is kW/Ton, which indicates the system's energy efficiency, as well as providing an indication of its overall mechanical well-being.

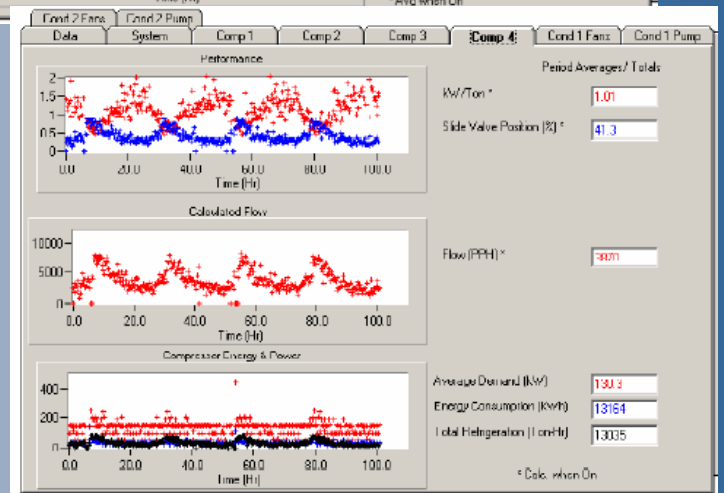
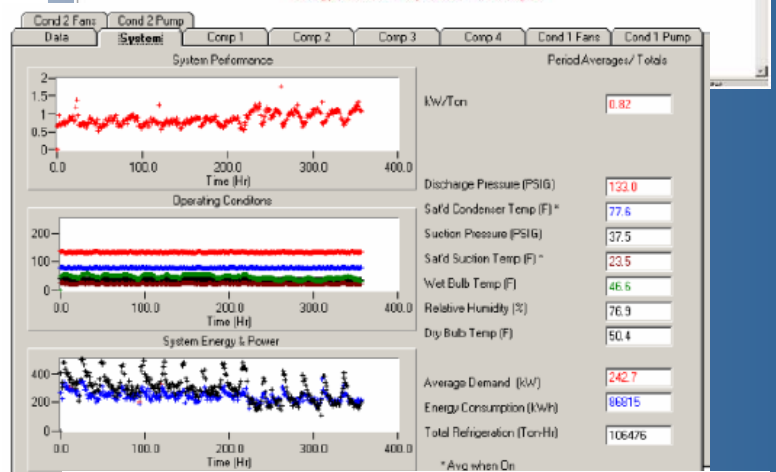
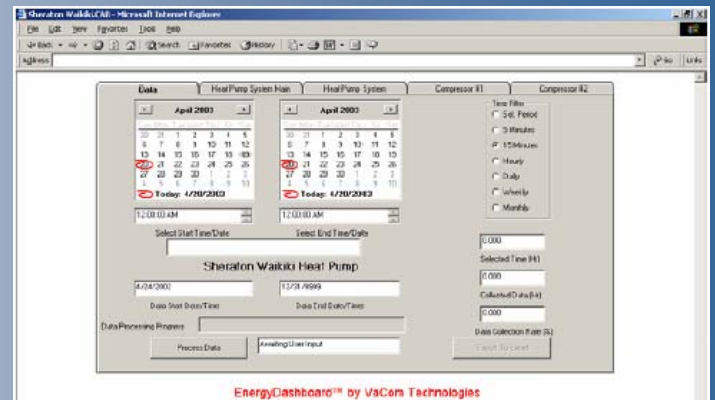
Password protected EnergyDashboard™ Web pages are available from a standard Web browser, allowing owners, service agents or engineers to view information from any location. Display screens can be customized for the requirements of a particular system or process.

EnergyDashboard Includes

- System Performance
 - Overall plant efficiency
 - Individual compressor efficiency
 - Pressures, temperatures, GPM
 - Total kWh, ton-hours
- Continuous thermodynamic analysis
- View intervals from a few hours to months
- Industrial screw compressor performance including slide valve and Vi mapping
- Export to Excel feature
- LonWorks field system platform

Applications:

- Industrial refrigeration systems
- HVAC and industrial process chillers
- Heat Generators (high lift heat pumps)
- Water pumping stations
- Air compression systems
- Commercial refrigeration racks



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