VaCom’s **LonWorks® Heat Rejection Control System** consists of an integrated packaged control system featuring:

- ABB Variable Speed Drive:
  - Soft start feature
  - High reliability
  - Lower noise level
- Bypass controls
- Integrated LonWorks® Controller
- Standalone capability or interconnect with other LON systems
- Single main disconnect
- Three contactor bypass assembly
- Manual and automatic bypass
- Back-up fan control (On/Off)
- UL Listed

Each system can control up to four different condenser circuits and refrigerant types.

**Packaged Expertise**
Combining field installation experience with engineering and computerized energy simulations, VaCom Technologies has developed a comprehensive understanding of heat rejection efficiency.

Proven strategies and control methods are integrated into one simple to install pre-wired and pre-programmed packaged solution.

**Interface Capabilities**
The **LonWorks® Heat Rejection Control System** features an Echelon i.LON 100 Internet server providing powerful insight into your system.

- Web-enabled for remote access
- Easily configure setup, setpoint adjustments, and status indicators
- Alarm and data trending capabilities

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**Energy-Efficient Control Solutions for Commercial & Industrial Refrigeration and HVAC**

- Internet Enabled
- Reduce Energy Expenses
- Lower Maintenance Costs
- Smart Investment

**Gain Control Today**
Stop Losing to Inefficiency

The Symptom: Many systems are oversized and nearly all operate at part-load 99% of the time.

The Diagnosis: Slowing condenser fan speed during part-load will reduce power demand exponentially!

The Cure: VaCom’s LonWorks® Heat Rejection Control System!

Let the “Third Power” Fan Rule Work For YOU

Applications
- New equipment or retrofit
- Condenser types:
  - Air-cooled
  - Evaporative-cooled
  - Cooling towers
- Commercial or industrial refrigeration
- Packaged chillers
- Direct expansion (DX) systems

EnergyDashboard™ for Lasting Energy Savings
Vacom’s web-based energy and performance monitoring service for refrigeration, HVAC, central plants, and heat pump systems will help ensure your system maintains optimum performance over its life.
- Track system efficiency
- View thermodynamic performance
- Benchmark system performance and plant production metrics
- Drill-down and aggregation views
- Real-time results
- And much more!

Example of Many Interface Screens Available

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