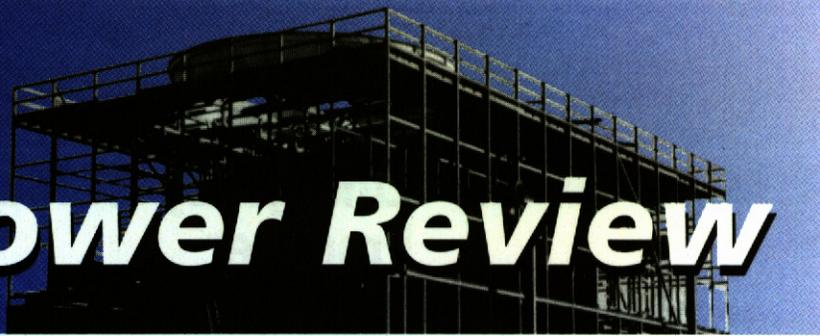


ECODYNE

Cooling Tower Review



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Energy Savings – Variable Frequency Drives and Cooling Tower Fan Motors

Reduced power consumption is a common goal for all of us. Your cooling tower fan motors may offer savings you've not yet uncovered. If we were to consider the significance of the power savings using variable frequency drives on your cooling tower and the inherent operating benefits VFD's bring to a cooling tower application, we could have an upgrade that makes complete economic sense. The payback period on new installations can be months and typically less than 2 years on the retrofit of existing cooling towers.

A significant percentage of today's cooling tower installations are specified with variable frequency drives, however existing cooling towers should not be overlooked when considering this technology. The inherent benefits in a cooling tower application can be;

- Power savings
- Soft start and reduced wear of mechanical components.
- Fan holding brake during shutdown. (anti-windmilling device)
- Varying fan speeds during cold weather to control cold water temperature and ice formation.
- Varying fan speeds for better process control.
- Lock out of critical speeds.

To provide you with some discussion on the application of VFD's on your existing cooling tower, Ecodyne Cooling has provided you with an application guideline presented by Toshiba International and Toshont Power Products your local Toshiba motor and control supplier. The energy savings calculators are available for your use. Should you wish a site-specific review of your cooling tower motor control, we would be pleased to visit your site with Toshont / Toshiba and provide you with a customized application recommendation.

With our ever-increasing energy costs, variable frequency drives for cooling tower fan motors are an upgrade worth considering.

**For further information, contact
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A Member of the Marmon Group of Companies

For After-Hours, Weekends and Holiday Emergency Service call us at 416-814-8294.

Website: www.ecodynecoolingtowers.com

Ecodyne Cooling Introduces Job Performance Evaluations

All future work conducted by Ecodyne Cooling on your sites will be followed by an electronic request to complete our performance survey. The survey will be emailed to the project contact upon completion of the work. We greatly appreciate your time in responding to the questions and returning it via e-mail. Data gathered from your replies will be used to guide our efforts towards continuous improvement.

Ecodyne Limited Now Accepts Payment via Visa

In an effort to reduce transaction costs for purchasers and our company, Ecodyne now accepts payment via VISA. Discuss this with your Ecodyne contact when placing your orders, with the focus on reducing transaction costs and simplifying our business with you.

Cooling Tower Institute Conference Feb 2004

The annual CTI conference is set for Feb 9 to 11, 2004 in Houston Texas. Visit the CTI website at www.cti.org for details including technical papers, 1/2 day training session on maintenance procedures for your mechanical equipment and 1/2 day operating seminar.

Cooling tower owners / operators are encouraged to attend.

Service and Support of Cooling Towers Worldwide

- New Towers
- Reconstruction
- Thermal Upgrades
- Preventative Maintenance
- Spare Parts
- Inspections
- Performance Testing
- Consulting

Contact the Ecodyne representative nearest you.

