

# THERMAL PREVENTIVE MAINTENANCE

Preventive Maintenance



## BENEFITS

### Optimize Data Center Performance with OEM Support

Your data center's thermal management equipment is designed to meet the needs of dynamic heat loads and requires much different service than standard comfort cooling equipment.

An incorrect procedure by improperly trained technicians, or use of non-genuine parts, can have a profound effect on your equipment's performance and your data center's availability.

Working with the original equipment manufacturer's (OEM) service team guarantees technicians that are specifically trained to know how your Liebert® equipment works best in your unique data center space.

#### Benefits

- Improve system availability
- Boost energy efficiency
- Delay major repairs for better cost control
- Realize longer useful life of thermal equipment



### Maintain equipment to mollify thermal system complications that can lead to costly downtime

Proactive preventive maintenance allows you to boost thermal system performance and intercept potentially costly problems.

Working with our national network of factory-trained technicians gives you centralized technical support, as well as direct access to technical documentation and Liebert engineering support.

Rest assured our experts know your Liebert equipment better than anyone. They arrive with the knowledge, parts, and support they need to properly maintain your thermal management equipment, ensuring your data center stays up and running efficiently.

Our thermal preventive maintenance services include:

- Operational checks
- Cleanliness checks
- Component replacement
- Ancillary electrical check
- Comprehensive reports

### Operational Checks

During a thermal preventive maintenance visit, key system components are checked to ensure proper operation including the following:

- Filters
- Blowers
- Condensers
- Pumps
- Humidifiers
- Refrigerant lines

This operational check also includes identification of any leaks or thermal equipment damage.

### Cleanliness Checks

The changing of seasons and everyday operation of data center equipment causes accumulation of dirt and debris that can affect the performance of your thermal management system. Preventive maintenance from Vertiv™ technicians ensures filter areas are clean and blowers are free of debris. Air-cooled condenser coils are cleaned, as well as the copper tubing for water/glycol condensers. Humidifiers are also checked for any type of mineral deposits or blockage.

### Component Replacement

As needed, key components are replaced such as air filters and blower belts. This routine replacement is needed for optimal energy efficiency and overall system performance.

### Ancillary Electrical Check

Proper operation of any data center thermal management system is reliant on electrical power distribution. That's why Vertiv's preventive maintenance includes a check of related fuses, electrical connections, and contactors.

### Comprehensive Reports

Reports on all preventive maintenance activities are automatically generated and are easily accessible via a robust, web-based customer portal.

These reports provide peace of mind that all necessary maintenance was performed. They also include recommendations for system improvements from the OEM's service team, which is specifically trained to optimize the performance of your Liebert® thermal management equipment.

### Summary

Thermal management equipment is designed to meet the needs of dynamic heat loads in your data center. Boost system performance and avert potentially costly problems by implementing a preventive maintenance program.

Properly trained technicians, following manufacturer recommendations and using OEM parts, can have a profound effect on your equipment's performance and your data center's availability.

### Ordering Information

To learn more about this service and other Vertiv solutions, visit [VertivCo.com](http://VertivCo.com) or call 1-800-543-2378.

### Service Level Options to Meet Your Needs

	4 PMS PER YEAR	6 PMS PER YEAR	24X7 PM	8X5 PM	4-HOUR ON-SITE SITE EMERGENCY	COVERED PARTS, LABOR, TRAVEL	ACCESS TO 1-800-NUMBER	ACCESS TO INTERNET PORTAL
Preferred	•	•	•		•	•	•	•
Essential	•	•		•	•	•	•	•
PM 24x7	•	•	•		•		•	•
PM 8x5	•	•		•	•		•	•

VertivCo.com | Vertiv Services, 1-800-543-2378

© 2017 Vertiv Co. All rights reserved. Vertiv and the Vertiv logo are trademarks or registered trademarks of Vertiv Co. All other names and logos referred to are trade names, trademarks or registered trademarks of their respective owners. While every precaution has been taken to ensure accuracy and completeness herein, Vertiv Co. assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Specifications are subject to change without notice.