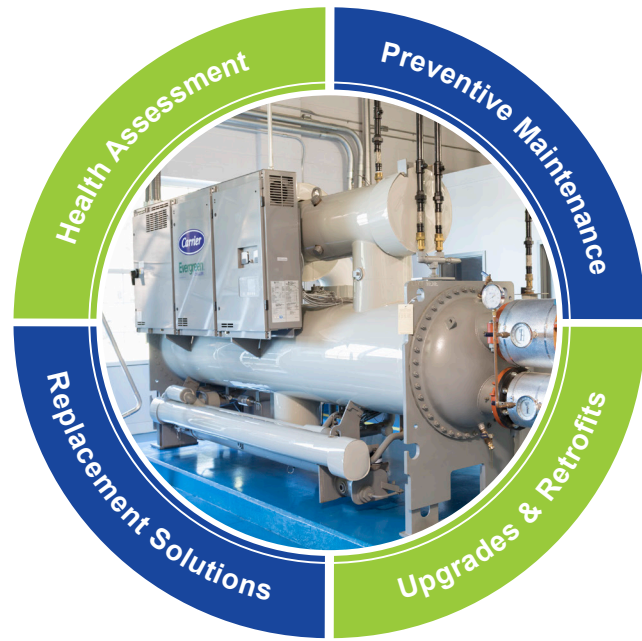


Asset Protection and Risk Management

Health Management Services for Variable Speed Drives

Chiller variable speed drives (VSDs) can be a key strategy in your facility's overall energy management plan. Most experts estimate that chiller VSDs can save up to 30 percent in energy savings compared to a fixed speed chiller. VSDs also offer motor protection in the form of soft start and current limiting. And just like any key chiller system component, good preventive maintenance practices are necessary to ensure high performance, reliable operation and ongoing energy savings – especially for VSDs with special maintenance needs for their electronic components.

When system components unexpectedly fail, you face downtime that's costly to you, and inconvenient for your occupants. That's why it's important to make regular component assessment, upgrades and preventive maintenance procedures part of your overall service approach. With this in mind, Carrier is introducing Health Management Services for VSDs, which includes comprehensive inspection, assessment, preventive maintenance, upgrades and – in some cases – VSD replacement solutions.



VSD Health Management Services For Asset Protection & Longevity

Key Benefits

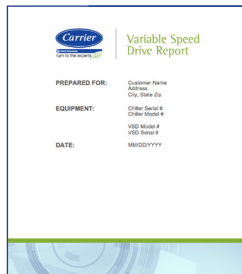
- **Helps sustain efficiency gains**
- **Reduces costly downtime and occupant dissatisfaction**
- **Improves budget planning and equipment lifecycle management**

Even the most reliable commercial equipment can't last forever. In the case of VSDs, the main reason for failures is the aging of electronic components, but environmental factors are also important. High ambient temperature, dirty atmosphere or high cyclical load can result in wear and tear on your chiller drive. Our Health Management Services for VSDs provides you with a stable lifecycle management program implemented by qualified service experts from Carrier. Our detailed Health Assessment is the key to providing you with the necessary information for you to plan and budget more easily, and get the most out of your chiller and VSD for years to come.

How It Works



VSD Health Assessment

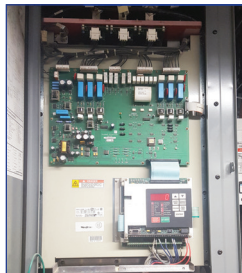


Keeping your chiller online and performing its best begins with a detailed inspection and preventive maintenance procedures. Our expert technical staff provides you with a full report on the condition, life expectancy and practical upgrade opportunities of your VSD, along with professional recommendations to optimize system performance.

- Maximizes uptime
- Ensures safety
- Optimizes operation



Component Upgrades & Retrofits



Our engineers can recommend component add-ons or replacements to ensure your chiller's electrical components are utilizing the most current technology. Plus, the experts at Carrier can provide critical parts list recommendations or component retrofits that address parts availability issues common with older VSD designs.

- Protects assets
- Extends equipment life
- Reduces risk



VSD Replacement Solutions



In some cases, after expert analysis, a VSD replacement is determined to be the best solution for your facility. Carrier has the expertise and technology to handle the entire replacement process – from assessment, procurement and installation to project management. We'll provide a turnkey solution that ensures optimum efficiency and a worry-free conversion to a new state-of-the-art drive.

- Offers advanced technology
- Optimizes chiller
- Improves peace of mind
- Extends equipment life

Turn to the Experts

Thanks to Carrier's Health Management Services for VSDs, you can be confident that your equipment is being serviced by factory-certified technicians using the latest advances in diagnostic testing and maintenance procedures. Contact your local Carrier service representative to get started and schedule a no-obligation consultation today.

To learn more, call **1-800-379-6484** or go to: www.carrier.com/service