



RapidRestore and RideThrough technology is available only on Daikin Magnitude® magnetic bearing chillers.

SPOTLIGHT

RapidRestore® & RideThrough® Technology

Data Centers

Keep heat-sensitive servers on-line without the need for secondary backup cooling

Healthcare

Maintain patient comfort and critical care cooling

Manufacturing

Eliminate costly downtime in manufacturing processes

Cost Savings

Automated process reduces manual intervention and costly disruptions to operations

Restore cooling and peace of mind in as little as 43 seconds.

When mission critical facilities like hospitals, data centers and schools experience power failures, it can spell disaster for those involved. But with compressor start and loading times that are twice as fast as standard HVAC units, Daikin Magnitude chillers with RapidRestore and RideThrough technology give owners peace of mind during a power loss.

With RapidRestore and FastLoading technology your Magnitude chiller can restart as fast as 43 seconds and reach 80% load cooling capacity in less than 75 seconds after power is restored.

For chillers with Daikin's unique RideThrough technology, the chiller can maintain stable operation during momentary power loss events lasting up to 5 seconds without loss of cooling capacity. So your critical cooling is restored before it's missed.

RapidRestore simplifies ownership by decreasing the need for additional thermal storage for critical applications and reducing the requirement for manual intervention by operating personnel. Combine this with the world's most advanced chiller; the Daikin Magnitude and facility managers can breathe easier with maximized uptime and decreased disruptions to vital services. Keep your mission critical operation cool when you need it with RapidRestore and RideThrough technology from Daikin.

Mission Critical Operations

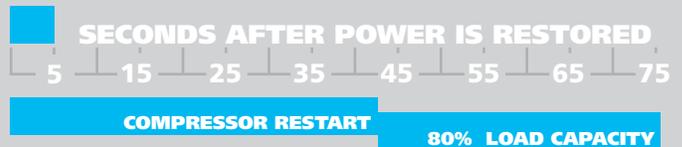


A power loss could turn into a critical loss of cooling in mission critical facilities such as data centers, health care buildings or manufacturing processes. A short-term power loss can happen during power interruptions, brown-outs or utility switching operations.

Don't let power losses disrupt your operation!

RideThrough®

When RideThrough is enabled and a short term power loss occurs (less than 5 sec), the compressor motor maintains rotation and the VFD catches and re-synchronizes with the spinning rotor, permitting the chiller to return to its pre-power loss capacity within seconds of power being restored.



RapidRestore®

For a longer term power loss; RapidRestore technology can restart your Magnitude chiller in as little as 43 seconds after power is restored. In addition, the Fast Loading™ option will restore 80% load cooling capacity in less than 75 seconds.