Turn to the experts

Capacity Recovery™

Reliable Uptime for Mission Critical Facilities

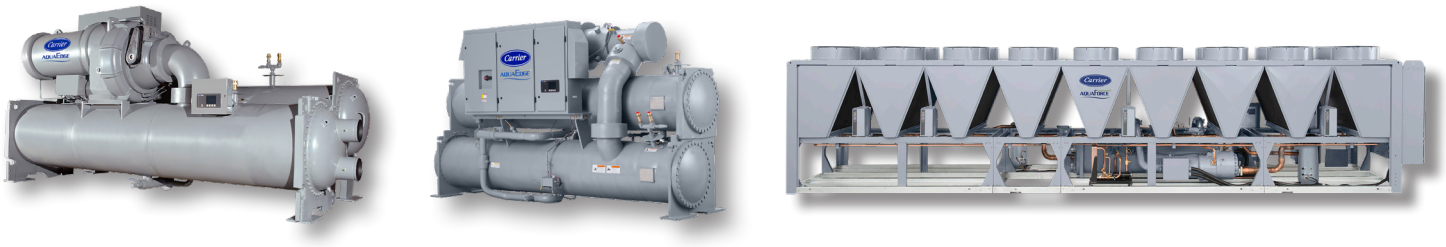
After an Unexpected Electrical Supply Loss... it's Ultimately about Load Recovery.

The Standard for High Capacity Applications

Data Centers are considered "Mission Critical" facilities where unexpected loss of electrical power impacts the operation of computers, servers, and other primary business equipment necessary to maintain operations.

Not only does the primary business equipment become affected, the cooling equipment to maintain acceptable room temperatures for the computers and servers is also affected in a power loss.

Carrier centrifugal and rotary chillers have led the industry for decades in rapid capacity recovery, with the fastest Restart and Recovery time. Carrier 19XR(V), 23XRV and 30XV series chillers continue to lead in this regard, delivering even more accelerated capability.



Carrier Chillers...from power loss to full-cooling capacity in 2 – 7 minutes.

Capacity Recovery™... Reliable Uptime for Mission Critical Facilities

If a power loss at your facility occurs unexpectedly, you face potential downtime of your servers and, potentially, lost revenue.

With the Carrier Capacity Recovery™ procedure, you will have both an accelerated restart of the chiller and load recovery to 100 percent.

Simply stated, a Carrier chiller can be 100 percent loaded in a range of 2 – 7 minutes, depending upon the specific model and application. This is the fastest full load attainment in the industry.

Unit reliability and safety is not compromised with Carrier Capacity Recovery. We maintain and check interlocks and safeties before starting and loading. A partial list of the key safeties and interlocks includes:

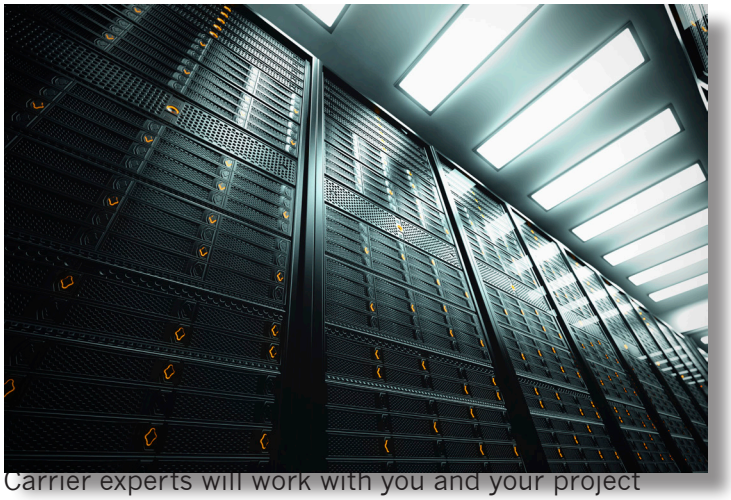
- **Condenser Water Flow Check***
- **Chilled Water Flow Check***
- **Inlet Guide Vane position - centrifugal**
- **Motor status – temperature, single phase**
- **Starter/VFD Interlocks complete**
- **Optional Uninterruptible Power Supply (UPS)**

In short, Carrier 19XR(V), 23XRV and 30XV series chillers get your cooling back to full load in the shortest time while maintaining optimal performance. With Carrier chillers you can make the most informed decision on maintaining critical cooling needs.

Carrier experts will work with you on your system design and application.

Whether your system or systems are a Base "N" System or an N+1, N+2, 2(N+1), or other system variation Carrier can advise you on the right chiller selection and performance for your system.

* *Applicable if field-supplied condenser flow sensors are added by the customer.*



Carrier experts will work with you and your project team to select the best unit and applicability for a successful project and long-term ownership.

Carrier

Turn to the experts

carrier.com/commercial

 Cat. No. 04-811-50029