



Quick Start for QTC4

The fastest chiller restart and capacity recovery after power failure.

Designed for critical applications

Cooling disruption can cost millions of dollars in equipment failure and operational downtime. Temperature-sensitive operations, like data centers, pharmaceutical labs and other critical-operation facilities, depend on reliable cooling.

Reduce the risk of cooling disruption

Available as an option on Quantech® QTC4 air-cooled, variable-speed drive screw chillers, the Quick Start feature saves time and money by:

- Reducing chiller restart time after power failure
- Rapidly loading the chiller to pre-power failure operating capacity
- Not requiring an uninterrupted power supply
- Keeping critical space and equipment cooled
- Reducing the risk of expensive downtime

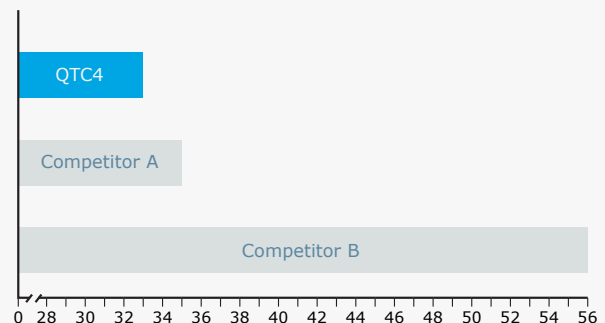


Smarter power management, faster restarts

After power is interrupted, it can take a standard chiller up to 10 minutes to restart. But QTC4 chillers with the Quick Start feature can restart within seconds after power is restored. QTC4 chillers feature an industry-leading compressor restart (upon power being restored) of 34 seconds.

Because QTC4 chillers contain a variable-speed drive, there is no inrush of current. As a result, all compressors can be started together. This allows QTC4 chillers to ramp up to full capacity much faster than a typical chiller.

Chiller Restart: Competitors vs. QTC4
Industry-leading Quantech® QTC4 compressor restarts in just 34 seconds once power is restored.





The fastest capacity recovery in the industry

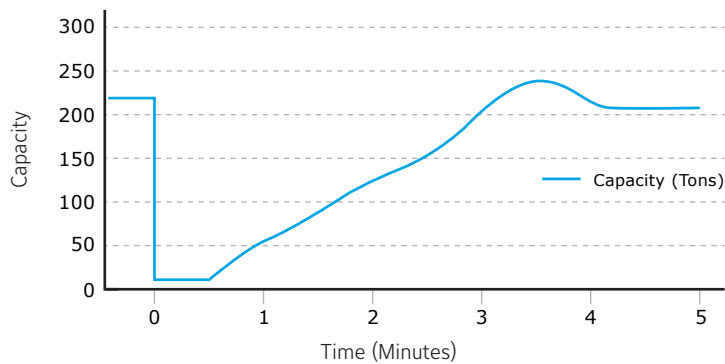
Not only will your QTC4 chiller restart quickly, it will also return to its original operating conditions faster. Based on conditions prior to power failure, QTC4 can reach full load in less than four minutes with Quick Start – a significantly faster full load design capacity recovery time when compared to industry standards. And Quick Start doesn't require an uninterrupted power supply, providing even more cost savings.

Several factors can alter or improve the recovery times of a chiller with the Quick Start feature:

- Specific chiller configuration
- Percent capacity operation prior to power failure

A performance test can be requested to witness restart times and capacity recovery times for your specific chiller, capacity operation and length of power failure.

Typical Capacity Recovery Time



Proven performance

Quantech® QTC4 chillers with Quick Start have been installed in critical application facilities around the world, so you can rest assured that your chillers – and your operations are protected.

For details on a QTC4 chiller with the Quick Start feature, or to learn more about other Quick Start feature offerings, contact your local Quantech™ manufacturer representative or visit quantech-hvac.com

