



When the power goes out, Trane wins the restart race

IntelliPak™ Rooftop Systems deliver Rapid Restart™



The Trane IntelliPak Rooftop System offers reliable performance under normal operating conditions. Under the extraordinary circumstances of a power outage, Trane systems and equipment really shine.

While other manufacturers' packaged rooftop systems can take 15 minutes or more to restart – four to six minutes at best – **the IntelliPak Rooftop System can provide full cooling in 120 seconds or less** after regaining electrical power.

If you're like many Trane customers, Rapid Restart is more than a matter of building comfort and occupant convenience. It is a necessity for your business. Safety and quality control makes it imperative to prevent overheating.

How Trane delivers Rapid Restart™

Trane understands that every second counts. Trane equipment, controls, and control sequences are designed to get your system back online and properly functioning should your facility experience a power cycle event.

- Trane HVAC system design is optimized for fast restart.
- IntelliPak Rooftop System controls and equipment provide an integrated, pre-engineered solution for fast restart.
- Proven operational procedures maximize uptime during critical outages and get the system up and running as quickly as possible.

Rapid Restart is an optional pre-engineered control solution that simply integrates into the on-board IntelliPak human interface. It's simply one more benefit to installing a Trane IntelliPak Rooftop System.

The mechanics of superior protection

Many factors influence restart times for a rooftop system:

- Unit layout and configuration
- Type of power loss (momentary brownout vs. blackout)
- Operating mode prior to restart attempt
- Stop-to-start timer on the unit's controller
- Unit controller reboot time
- Unit controller's ability to manage diagnostics



Use Trane controls for even greater reliability and performance:

- Adaptive controls enable the IntelliPak Rooftop System to adapt to changes and adverse conditions to keep your system on-line as long as possible.
- Control communication protocol options: BACnet, Lon.

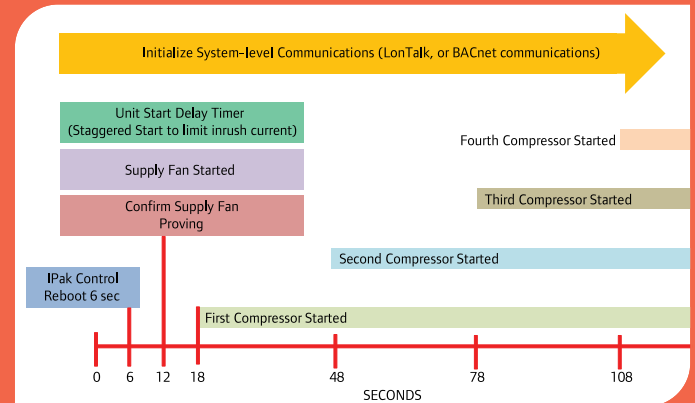
Rapid Restart is just one of the IntelliPak Rooftop System's many benefits

IntelliPak Rooftop Systems offer many additional benefits – high energy efficiency, future scalability and industry-leading reliability, to name a few.

Trane has a full suite of options specifically designed for data center applications. Contact your local Trane representative to learn more.

IntelliPak's design is optimized for fast restart at every point in the process.

Restart times are based on testing done at the Trane facility in Clarksville, Tennessee.



1. Units are designed to go from full stop (no power) to full cooling in 120 seconds or less.
2. Trane pre-engineered logic is designed to simplify your system operation with minimal downtime.
3. Upon meeting the required cooling space needs during the rapid restart sequence, the unit will automatically shift into standard cooling operation.
4. Use with premium efficiency evaporative condensing units will require additional sump water management considerations.



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