

Replacing your Eaton UPS fans

Fans are one of the few UPS components that are mechanical in nature. They wear out over time and eventually need to be replaced, usually after six or seven years of use. A UPS fan's lifespan can vary, though, based on factors like ambient temperature, humidity, particulates, clogged air filters and how much rated power capacity the UPS is operating under.

The good news? Fan failures are typically not critical events. That's because modern UPSs (like Eaton's 9395) are designed with redundant fan systems. If a fan fails, other fans will step in to keep your unit cool until an Eaton® engineer can perform an on-site fan replacement.

Our engineers are Eaton-trained and authorized service providers. Their primary goal is to keep your UPS—and your business—running in tip-top shape.

Avoid fan failures with proactive replacements

Rather than replace fans one at a time, consider performing a full replacement before you get into a failure situation. A good time to do this is when you upgrade your UPS capacitors—typically after six years of service.

In general, if one fan fails in the early months of your UPS's life, we recommend just replacing that fan. However, if your UPS is six years or older, many of its fans are likely nearing the end of their lives. In that case, the entire fan tray, fan panel or set of cabinet fans may need replacement.

How it fits with your existing service plan

Changing out a fan is covered in full for customers who have an Eaton Service Plan with parts and labor coverage. Many customers, however, opt for a full proactive fan replacement service. This can be done during a scheduled preventive maintenance service, which will help cut down on costs.

To learn more about Eaton's suite of UPS services, visit:
Eaton.com/UPSservices



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