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Macintosh II: Thermal Switch Prevents Overheating

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Macintosh II: Thermal Switch Prevents Overheating

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TOPIC -----

What prevents my Macintosh II from overheating if fan fails?

DISCUSSION -----

The Macintosh II power circuit has a safety feature that prevents the system from overheating in the case of a fan failure or blocked ventilation. If the temperature exceeds 65 degrees C (149 degrees F), a thermal switch on the +5V Power Fail Warning current path, through a 220-ohm resistor, opens. The opening of this switch turns off the power supply within 2 ms.

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