

LED ERROR CODES

LED Indicator Code	Status	Description	Solution(s)
One half-second flash / four seconds off	Over temperature	The fan drive electronics have exceeded safe operating temperature limits.	<p>The fan will shut down for five minutes, and then attempt to restart twice. If the fan does not restart after two attempts, reset power to the fan.</p> <p>If the fan still does not restart, contact Customer Service.</p>
Three half-second flashes / four seconds off	Output device failure	The fan drive electronics have failed or output phase loss has occurred.	
Four half-second flashes / four seconds off	Internal communication error	The main fan drive has failed to respond to the command source (daughterboard, etc.).	
Five half-second flashes / four seconds off	DC buss undervoltage	Buss voltage has fallen below 255 VDC.	
Six half-second flashes / four seconds off	DC buss overvoltage	Buss voltage has exceeded 373 VDC.	
Eight half-second flashes / four seconds off	Motor overload/ thermal trip	Thermal motor overload protection has been activated.	
Nine half-second flashes / four seconds off	Current limit/ short circuit	The hardware current limit has been reached. A severe overload or short circuit condition exists on the fan drive output.	<p>The fan will shut down and will not attempt to restart. Contact Customer Service.</p>
Two half-second flashes / four seconds off	Motor stall	The fan failed to accelerate to the target RPM within one minute of startup.	
Seven half-second flashes / four seconds off	Run enable jumper open	The run enable circuit is open and motor operation is disabled.	
			<p>AirGo & Black Jack: Contact Customer Service.</p> <p>Essence & Pivot 2.0: Make sure the blue wire and the yellow wire on the controller input cable are wired together, or check for a false fire relay trip. If the circuit is open or the fire relay has tripped, close the circuit and turn off power to the fan for 60 seconds.</p>