

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.	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. If the fan still does not restart, contact Customer Service.
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.	
Two half-second flashes / four seconds off	Motor stall	The fan failed to accelerate to the target RPM within one minute of startup.	The fan will shut down and will not attempt to restart. Contact Customer Service.
Seven half-second flashes / four seconds off	Run enable jumper open	The run enable circuit is open and motor operation is disabled.	AirGo & Black Jack: Contact Customer Service. 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.