

EcoFlo Blower Troubleshooting Guide

Problem	Solution
Supply blower is not running and there is no display	Check the power cable connections. Refer to the EcoFlo manual for other connections and make sure they are secure. If these actions do not correct the situation, consult Allentown, Inc. for repair or return.
Supply blower is running but there is no display	Consult Allentown, Inc. for repair or return.
Supply blower is not running but display is working properly. Display may be indicating a blower or filter alarm on the exhaust blower.	Check power cable connections. Make sure the cable is not damaged and is securely connected to the supply input and power outlet. Make sure all other cables are securely attached to the supply blower and between the supply and exhaust blowers as described in the EcoFlo Manual. If blower alarm is signaled and the supply blower reads “zero” RPM, make sure blower settings are correct for application and ensure all doors and plenums are closed, as in the negative mode this will cause the supply blower to shut down to prevent positive operation. If these actions do not the correct situation, consult Allentown, Inc. for repair or return.
Supply blower is displaying an error message	Reboot to clear error message, or consult Allentown, Inc. for repair or return.
Supply blower’s display is working properly, however some/all fields are empty	Consult Allentown, Inc. for repair or return.
Screen turned yellow and is displaying filter alarm	Make sure your filter does not have to be replaced. If it does not, check to make sure your blower has the correct settings. Consult Allentown, Inc., if necessary, for blower settings. Also, check to make sure the plenum doors are tightly sealed. Hoses should be clamped and secured to both the blowers and rack. “Re-coil” hose should be secured to the exhaust plenum collar and back of blower. Data connection cable should be securely connected to the supply and exhaust blower. Power inter-connect must be securely connected from the supply to the exhaust blower. If filter-life must be reset, consult EcoFlo Manual for correct approach. If these actions do not correct the situation, consult Allentown, Inc. for repair or return.
Screen turned red and is displaying blower alarm	Check to make sure the plenum doors are tightly sealed. Hoses should be clamped and secured to both the blowers and rack. “Re-coil” hose should be secured to the exhaust plenum collar and back of blower. Data connection cable should be securely connected to the supply and exhaust blower. Power inter-connect must be securely connected from the supply to the exhaust blower. Check to make sure the supply and exhaust blowers have proper blower settings. Consult Allentown, Inc., if necessary, for blower settings. If these actions do not correct the situation, consult Allentown, Inc. for repair or return.
Screen is indicating “zero” ACH/CFM	Check to make sure the supply blower is properly connected, and all hoses are securely connected. Make sure set points for the blower are accurate. Incorrect set points may cause the blower to fail. If these actions do not correct the situation, consult Allentown, Inc. for repair or return.
Supply blower sounds loud; and CFM & RPM are very high	Check to make sure the supply blower is properly connected, and all hoses are securely connected. Leaks in the system may cause the blower to ramp up. Double check to make sure all connections are secure and there are no leaks. If these actions do not correct the situation, consult Allentown, Inc. for repair or return.

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Screen is red, does this mean the blower is failing?	Not necessarily. It is possible that your blower has entered “night mode”. Go into the blower settings and make sure that the current time is set correctly and the night mode settings are also correct. If these actions do not correct the situation, consult Allentown, Inc. for repair or return.
Screen is not displaying the right units	The units for temperature, pressure, and airflow can be changed in the blower settings. If changing these settings does not correct the situation, consult Allentown, Inc. for repair or return.
Exhaust blower sounds loud, is that normal?	EcoFlo blowers are designed to run quietly. However, some racks do occasionally require high outputs of air from the exhaust blower. Make sure that the exhaust blower is properly connected (Consult EcoFlo Users Manual for instructions). Also make sure the proper set points are correctly set. Consult Allentown, Inc. for information as necessary. If these actions do not the correct situation, consult Allentown, Inc. for repair or return.
Exhaust blower doesn't sound like it's running, is reading “zero” RPM, and there are no other alarms	The EcoFlo exhaust blower is meant to run quietly during normal operation, so it is possible that you may not hear it. If you are getting a reading of 0 RPM, check to make sure that the blower is properly connected. (Consult the EcoFlo Users Manual for instructions). If these actions do not correct the situation, consult Allentown, Inc. for repair or return.
Exhaust blower doesn't sound like it's running, is reading “zero” RPM, and there is a supply blower or filter alarm	To prevent caging from becoming negatively pressurized, the EcoFlo exhaust blower is meant to shut down in the event of a supply blower issue in positive mode. Check to make sure the supply blower is properly connected, and all hoses are securely connected. Make sure set points for the blower are accurate. Incorrect set points may cause the blower to fail. If these actions do not correct the situation, consult Allentown, Inc. for repair or return.
ACH isn't correct. What's wrong?	The ACH is a function of the blower. If the blower's set points are incorrect, the ACH could respond accordingly. Make sure all equipment is properly connected (Consult EcoFlo Users Manual). If these actions do not correct the situation, consult Allentown, Inc. for repair or return.