

Customer Information Bulletin

Subject:

FabPro 1000®

Cleaning the LED Heatsink and Fan

Issue:

If not cleaned of dust/debris, the LED heatsink and fan may not run as efficiently, which can cause the LED in the projector to get too hot during printing

Solution:

Please use the following procedure to clean the heatsink and fan. Here are the required tools:

- 3mm hex driver
- 1 can of compressed air



MECHANICAL HAZARD: POWER DOWN PRINTER AND UNPLUG POWER CORD FROM BACK OF PRINTER BEFORE PERFORMING THIS PROCEDURE. COOLING FAN INTERIOR NOT GUARDED AGAINST UNINTENTIONAL CONTACT.

1. Use 3mm hex driver to remove the 14 3mm hex bolts from the back panel of the printer. Set the screws aside for future use.

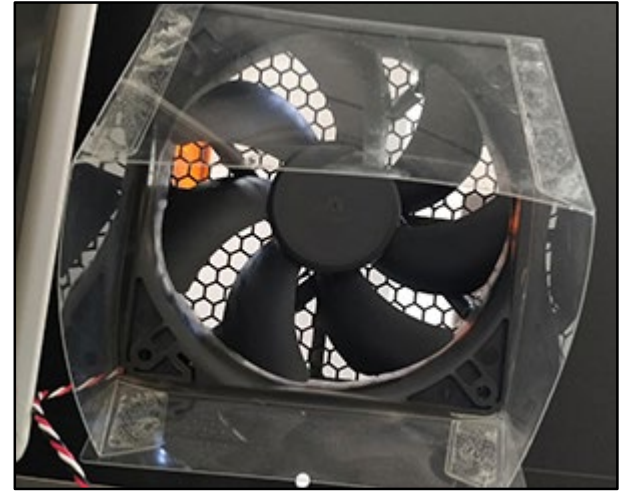


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2. Remove the back panel by lifting from the bottom and pulling straight out, being careful to avoid damaging the plastic fan cover.



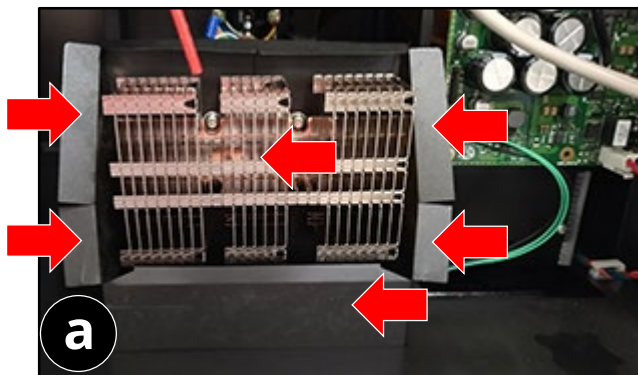
MECHANICAL HAZARD: ENSURE THAT PRINTER IS POWERED DOWN, AND THAT POWER CORD IS REMOVED, BEFORE PERFORMING THIS STEP.



3. Unplug the fan-power cable from the circuit board, as shown. This will allow the back panel to come completely off and will make cleaning easier.



4. Use the compressed air to clean the following:
 - a. Fins and grill on the heatsink at the bottom of the printer
 - b. Fan and exhaust grill on the detached rear panel.



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5. Plug the fan-power cable back into the circuit board, as shown.
6. Reinstall the rear panel on the printer, being careful to align the plastic fan cover over the LED heatsink, as shown.
7. Secure the rear panel in place by reinstalling the 14 3mm hex bolts you removed earlier.

Your LED heatsink and exhaust fan are now clean!

