Replacing the Drum Amplifier Board

Applies to

☑ ThermoFlex Wide II

Background

If the Drum amplifier board is suspected to be defective, follow the steps below to replace the board with a new one.

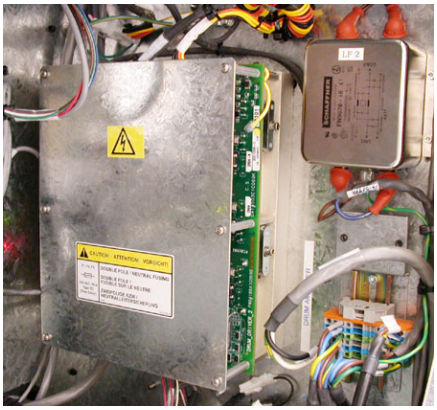
Tools and parts

- Wiring diagram (73-7318A)
- Anti-static wrist strip
  (always wear a wrist strip when you are working with electrical components inside the power box).

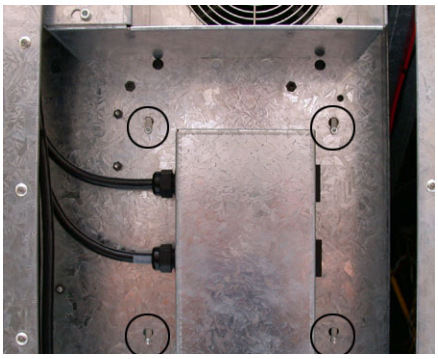
Steps

To replace the drum amp board:

1. Turn the ThermoFlex device power off.
2. Remove the device's power box rear and side panels.



3. Unplug the four connectors from the board. Note down the location of each one to help with the reconnection of the cables.
4. Remove the screw on the heat sink that connects to a ground wire (ring terminal).
5. Loosen the four M5 screws on the outside of the power box (circled in the photo below). Do not remove them.



6. To remove the board assembly, lift it up slightly and pull it away from the inside of the power box.
7. Transfer the four M5 screws from the old board to the new one and put the old board into an antistatic bag.
8. Install the new board assembly and tighten the four M5 screws.
9. Re-connect the cables to the board. Use your notes from step 3 in conjunction with the wiring diagram to ensure they are connected correctly.
10. Reconnect the ground wire and tighten the screw.
11. Replace the two device panels.
12. Turn the ThermoFlex device power on and wait for the device to restart.

Notes	Contact your local logistics office to determine if the defective board must be returned for repair or analysis.
Technical contact	Ming Zhang
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