
Repair Instructions - Incubator Computer Fan

Replace Computer fan in incubator



To suit: Thermoline Incubator models TI-20F to TI-280F

Approvals		
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Safety Reminder

Before commencing any repair work on an electrical product, please check your local state/territory legislation in regards to suitable licencing/competences required to perform such work.

These instructions do not purport to address all potential safety issues, if any, associated with the product's use. It is the responsibility of the user of these instructions to establish appropriate safety and health practices and determine the applicability of regulatory limitations before use.

Before attempting any of the following, perform the actions listed below:

- Turn OFF power to the machine.
- Unplug the machine.

Summary

These instructions how to remove and replace the computer fan in a Thermoline incubator.

Tools Required	
Phillips Head Screw Driver	

Kit Contents		
Item	Description	Quantity
60916	Computer Fan EC 120 x 120 x 25mm, 240V	1

Section 1: Preparation

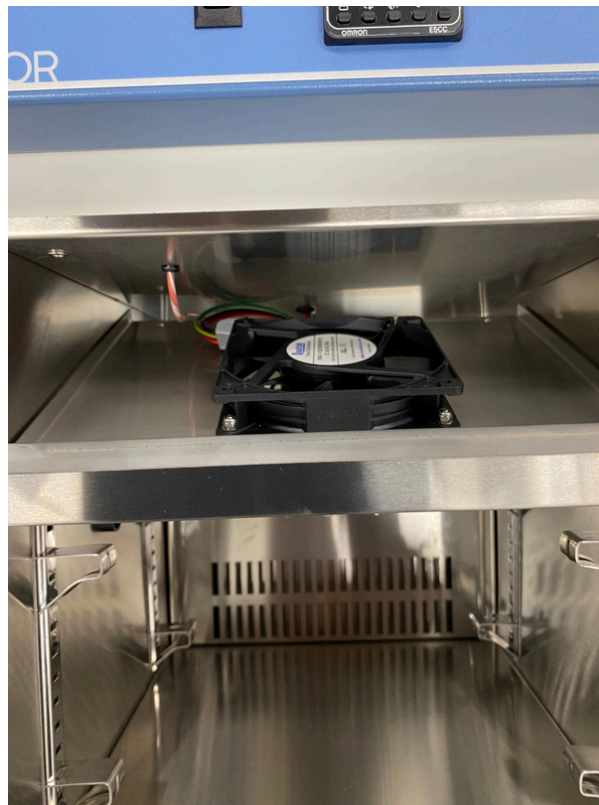


Turn off and disconnect oven from power. Allow the incubator to cool.

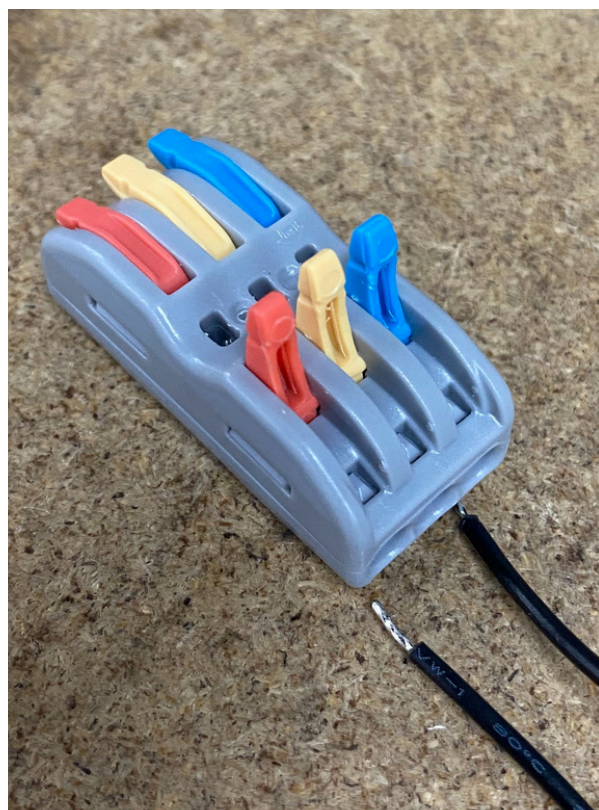
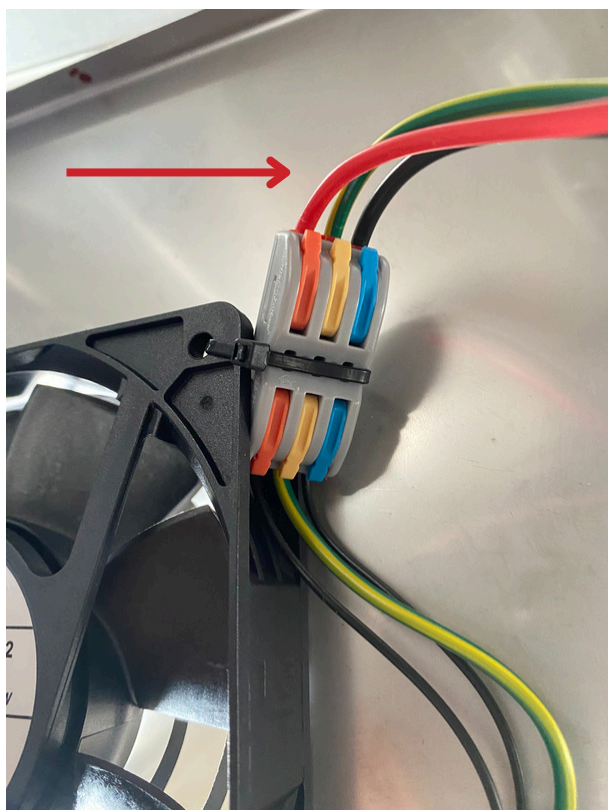


Once the incubator is cool remove the shelves.

Section 2: Removing the old fan



To remove the internal top cover of the incubator, you need to unscrew the fixing screws.



Once the screws are removed, you can tilt the top panel down, revealing the fan. Please note that at this point the fan is still connected to the incubator via the quick connector. Noting the wire configuration lift the levers to release the red, black and yellow/green wires as indicated above and the panel will then be free to remove.

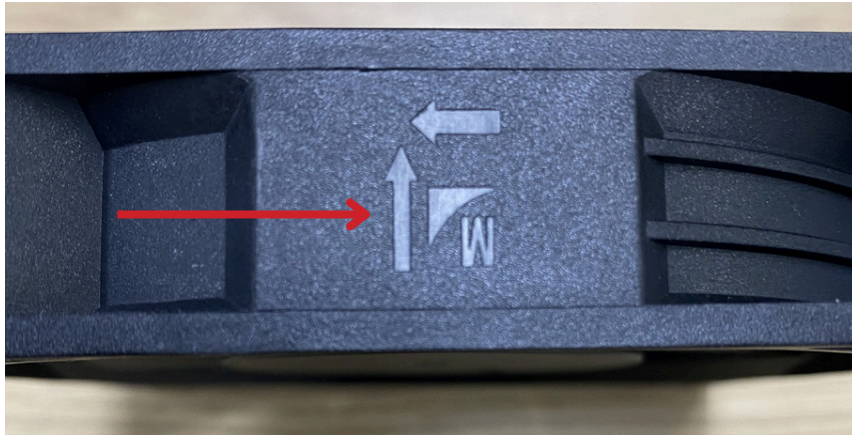


With the panel removed, undo the nut holding the earth wire in place and remove the wire. Next remove the screws holding the fan in place on the panel noting the orientation and location of the longer screw (these are accessed from below).



Disconnect the fan wires (two black wires) from the quick connector and then remove the quick connector from the old fan.

Section 3: Installation of the incubator fan



Please note the arrows on the side of the fan. The perpendicular white arrow shows the direction of airflow. You want this facing up so as to pull air through the grill in the incubator. The other arrow shows the fan rotation direction.

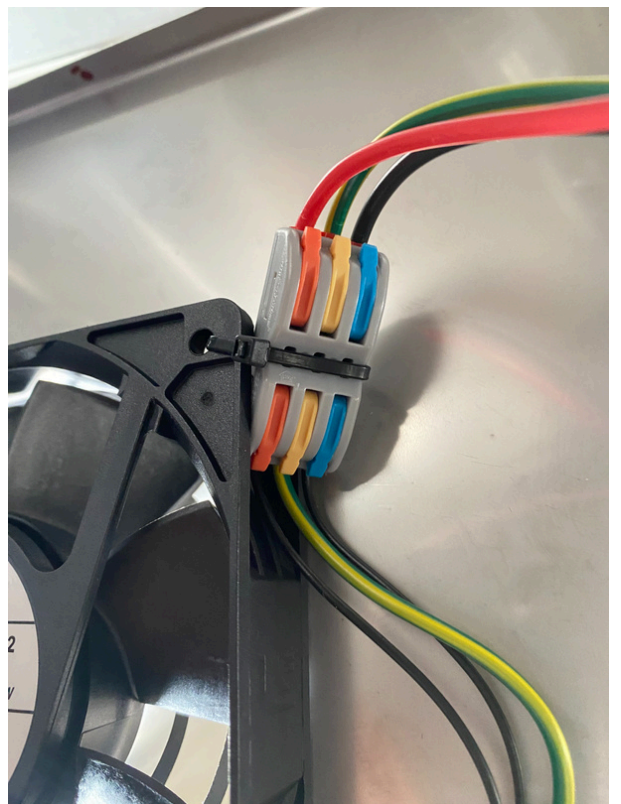
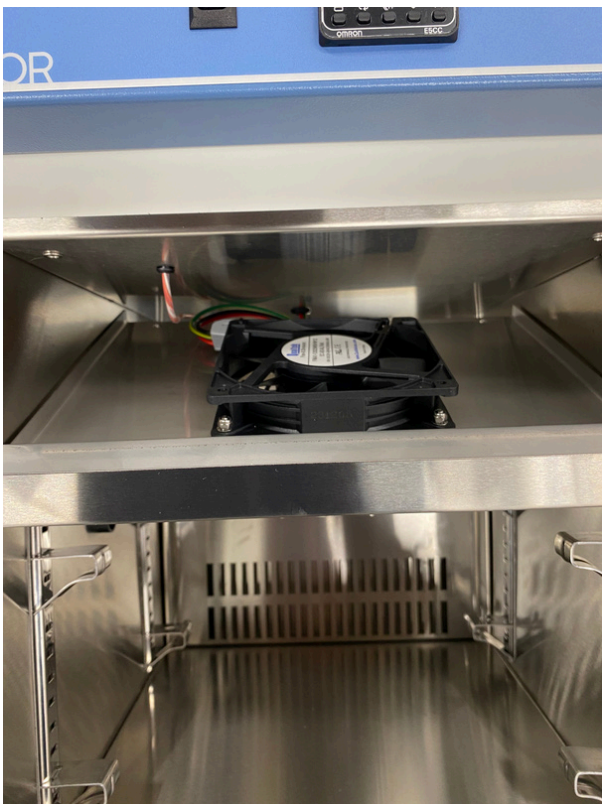
Reattach quick fit connector (noting the orientation that the new fan needs to be). Connect the fan wires (two black wires) to the quick connector's red and blue ports and close the levers (the earth should still be in place).

Attach the new fan to the ceiling panel making sure to use the longer screw in the correct location and attach the earth wire.





Attached the earth wire and tighten the nut.



Holding the ceiling panel in place reattach the active, neutral and earth wires to the quick connector (orientated as shown)



With the fan attached you can then screw the internal cover back in. Replace the shelves.

Section 4: Power ON



Connect the oven back to power and turn it back on

Section 5: Support and Contact

Repair and Support is available over the telephone Monday through Thursday from 8:30am to 4pm and Friday 8:30am to 2pm. Please contact service@thermoline.com.au for email technical support. You can also visit our website at www.thermoline.com.au for access to additional useful troubleshooting guides, operating manuals, and technical information.

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