



DC85-X | DC130-X Internal Fan Installation

Please Note

Installation of this kit should be performed by a professionally trained person. If you are unsure, please contact us for assistance.

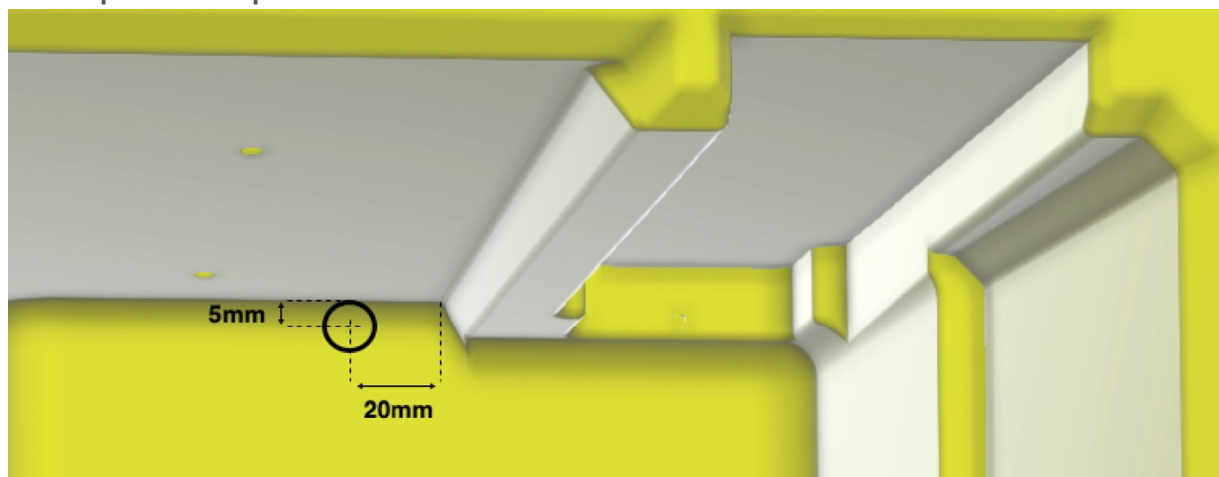
Tools required

- Phillips head screwdriver
- 10mm drill bit
- Drill
- Pointy nose pliers
- 14mm socket
- Sealant (kitchen / bathroom silicone or similar)
- Gentle hands and a sprinkle of patience 😊

Instructions

1. Remove internal wire shelves for easier access
2. Remove control knob by pulling downwards
3. Use 14mm socket to unscrew brass nut from the control knob spindle
4. Gently lower the clear internal light cover by pulling the front edge downwards
5. Use pointy nose pliers to unplug the 2 spade connectors from the interior light housing
6. Unplug the black connector for the red LED error light
7. Remove the light housing assembly and put to the side
8. Remove the 4 phillips head screws which attached the thermostat housing to the fridge cabinet. 3 are in the front light housing, and one is tucked away in the rear, right hand corner.
9. Gently lower and remove the thermostat housing from the fridge and put to the side. Be gentle with the thermostat block. Whenever you need to adjust the position of the thermostat block, make sure you do not crimp the silver capillary tube.

10. Mark a point in this position:

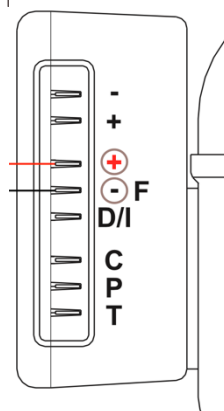


11. Drill a 10mm hole from inside the fridge up and out through the back of the fridge cabinet at an angle of approximately 30°. Tidy up with a vacuum.

12. Feed the 2 piggyback spade connectors on the supplied wiring loom, from inside the fridge, out through the hole. Leave 70mm of wire extending inside the fridge and 70mm extending outside both sides of the hole with sealant and allow to dry.

13. Locate the fan + and fan – terminals on the compressor electronic module. These are the 2 thinnest wires on the 3rd and 4th terminals down from the top. Unplug these connectors gently with the pointy nose pliers.

See diagram:



14. Plug the positive fan connector onto the red piggyback and the negative fan connector onto the black piggyback.

15. Fit the completed piggyback connectors to the fan + and fan – terminals on the compressor.

16. Position the new fan / thermostat housing inside the fridge and join the fan plug.

17. Refit the thermostat, brass nut and control knob. Make sure the 2 interior light spade connectors and red LED error plug are pulled into the light area.

18. Gently reposition the new housing into place. It fits, just be gentle and get the wires into a good spot. Then reattach the 4 phillips head screws, 3 in the front, 1 in the back rear RH corner again.

19. Refit the interior light spade connectors, red LED error light and clear cover.

20. Affix the 2 supplied phillips head screws into the front and rear mounting points of the new housing. Use pressure only initially to get the screw thread to bite. Gently tighten finger tight. Do not over tighten these screws.

21. Tidy up the rear wires using the supplied cable tie.