

Hessaire Motor Replacement Instructions

Covers Most Models



⚠ WARNING Always unplug unit from power source before performing any maintenance. Failure to do so could result in serious injury, electrical shock or death. Ensure back access panel and all parts are securely fastened back in place and nothing is obstructing the fan blade prior to powering the unit up again. See warning label on back of cooler prior to servicing.



Suggested Tools:

#2 phillips screwdriver, flathead screwdriver, thin nose pliers, adjustable wrench, knife, yellow wire nut, cable ties .

- 1) Ensure unit is turned off and unplugged.
- 2) Remove back panel from your cooler by removing the 2 phillips screws from the upper back side of the cooler. Push panel up and pull out bottom.
- 3) Pull out back section of media pad.
- 4) Remove prop by turning center nut clockwise to loosen. Once nut, lock washer & washer is removed, pull straight back on prop to remove. *Note: flat on shaft must align with flat on prop when re-installing.*
- 5) Next, remove media panel from rear left side of cooler by removing the media pins and clips. Once clips are unscrewed, pins can be pulled through the outside of the cooler. Remove pad. *Note: Side pads on MC61 & MC92 are removed by unscrewing single phillips screw located on outside panels at the top. Once screw is removed, slide panels up and pull out on bottom to remove.*
- 6) Cut cable tie from horizontal motor support. Untwist cable harnesses to free wires going up to box.
- 7) Move to control panel. Open control panel by inserting flathead screwdriver into slots at top of control panel and prying open. Flip panel over to access wires. *Note: Take pic of wire locations to reference when installing new motor. For models MC18/MC26/MC92/M350, control panel will need to be accessed by removing control box back cover from the back, inside of cooler.*
- 8) Disconnect 3 wires going to center speed control switch. Use a thin nose pliers to squeeze the tab on the end of the female spade connectors and pull to remove. *Note: for models MC92V & M350, there is a 4 pin "quick connector" that needs to be disconnected vs individual wires running to the switch.*
- 9) Disconnect white common motor wire from group. Remove wire nut to disconnect.
- 10) Disconnect red & white capacitor wires. Discard old capacitor.
- 11) Disconnect green/yellow ground wire by removing screw in corner of control box to free eyelet terminal.
- 12) Pull motor cord wires down through opening in switch box.
- 13) Unscrew 4 phillips motor screws to free up motor. Remove motor. *Note: MC18 motor has 3 screws holding motor in place.*
- 14) The replacement motor includes a new capacitor. Connect the new capacitor once replacement motor wires are run up through bottom of control box.

⚠ Reverse steps to install new motor. Use yellow wire nut to tie white wires together. Ensure all connections are secure and back panel is fastened in place prior to start up.

Picture instructions shown represent models MC37/M150, MC61/M250. See underlined notes pertaining to other models.

