

MOTOR REPLACEMENT

PARMTRCY120A



WARNING!

Disconnect evaporative cooler from electrical source before beginning work on product. Electrical shock resulting in injury or death can occur when working in a wet environment. Perform all maintenance with evaporative cooler unplugged.

Before beginning

Position evaporative cooler with plenty of working room on all sides. Disconnect evaporative cooler from electrical and water supplies.

Remove the KUUL® evaporative media

Step 1

Remove the evaporative media flap attached to the top of the evaporative cooler with screws. Remove the screws and set the evaporative media flap aside.

Step 2

All KUUL evaporative media must be removed before accessing the inside of the evaporative cooler housing. Remove the center piece of the evaporative media first by grasping at the top and tilting it out and away from the evaporative cooler. While tilting the evaporative media out, lift the piece up and out.

Step 3

Remove remaining evaporative media in the same manner. Set aside in a safe place to prevent damage while out of the evaporative cooler. Once all the evaporative media has been removed, you should have access to the inside of the evaporative cooler housing and internal components.



STEP 1



STEP 2

Motor replacement

(KUUL evaporative media must be removed)

Step 1

Once the media has been set aside, remove the six bolts that hold the blower housing in place and set the housing in the bottom of the cooler.

Step 2

Locate the control box and remove the screws. The box should remove easily.

Step 3

Find the fan motor cord in the control box and disconnect the cord from the switch. Cut the zip ties holding the cord to the fan brace. **DO NOT CUT ELECTRICAL WIRES.** Remove the blower housing from the evaporative cooler.

Step 4

Remove the worm gear clamp from the motor shaft on the blower wheel inside the blower housing. Turn the blower housing over and disconnect the green ground wire and the two wires that connect to the capacitor. Remove the three bolts that attach the fan motor arms to the blower housing and remove the fan motor from the blower wheel. Discard old fan motor.

Step 5

Replace the motor band on the new fan motor and slide in the arms. Tighten the screw to tighten the motor band around the motor. Slide the new motor in the blower housing and secure with four bolts. Reattach the green ground wire and the two wires to the motor capacitor. Secure the worm gear clamp to the motor shaft on the blower wheel.

Step 6

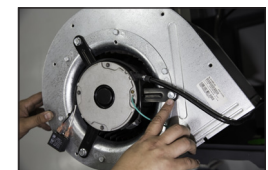
Set the blower housing back in the bottom of the cooler and connect the fan motor cord to the switch in the electrical box and secure back into the housing with four screws. Secure the blower housing to the cooler with six bolts. Replace the evaporative media, beginning on the outer edges and working towards the center. Pay close attention to the stickers on the evaporative media - the arrow sticker should point up and inward. Replace the evaporative media flap, securing it with screws.



STEP 1



STEP 2



STEP 4

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