

MOTOR REPLACEMENT

MOTOR-012-04E



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. The two back casters on the evaporative cooler must be in the locked position before beginning to work on this product.

Remove the KUUL® evaporative media

Step 1

Lock the casters to keep the evaporative cooler from moving while you are working. 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, locate the control box and remove the screws. The cover should remove easily.

Step 2

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.**

Step 3

Remove the eight screws holding the fan screen to the front of the cooler. Remove the four nuts that hold the fan assembly to the cooler and pull the assembly out. Remove the set screw behind the fan blade and remove the blade. Remove the four nuts holding the motor mount to the fan motor. Discard the old fan motor.

Step 4

Install the motor mount to the new fan motor and secure with four nuts. Attach fan blade to motor shaft and secure set screw. Install fan assembly into unit and secure with four nuts. Replace fan screen and secure with eight screws.

Step 5

Connect the fan motor cord to the switch in the electrical box and place the plate cover on the electrical box and secure with two screws. Use zip ties to secure the cord to the brace to keep it away from the fan blades and clip the loose ends. 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 5

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