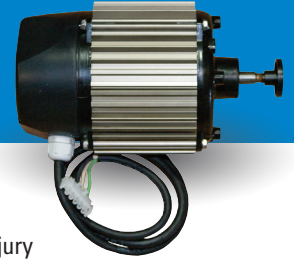


# MOTOR REPLACEMENT

MOTOR-012-06



## 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 four bolts holding the motor and fan assembly in place. Pull the fan assembly from the evaporative cooler. Remove the plastic cover from the fan hub and remove the nut on the motor shaft. Tap the hub assembly with a hammer until the fan blades can be removed from the fan motor. Once the blades have been removed from the hub assembly, remove the two bolts from each of the four motor support arms and slide the motor support arms out of the motor. Discard the old fan motor.

### Step 4

Slide the new fan motor in the four motor support arms and secure each arm with two bolts. Next, place the motor key way in the fan hub assembly and place the fan blades on the motor shaft. Secure the nut on the motor shaft. Replace the plastic cover over the fan hub.

### Step 5

Place the fan assembly in the cooler and secure the four bolts that hold the fan motor to the motor support arms. 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.



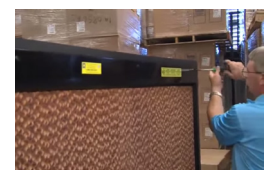
STEP 1



STEP 2



STEP 3



STEP 5

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