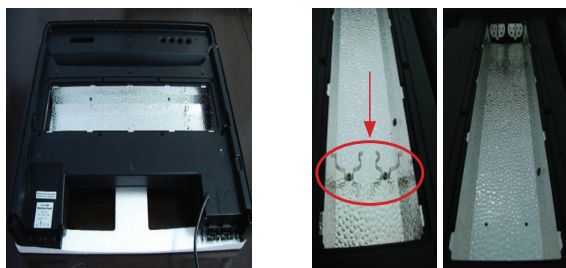




The work detailed below must be carried out by a qualified electrician only.

1 Opening the hood

1. Unplug the hood from the power center and remove from the aquarium
2. Remove the transparent lens by unscrewing the 8 hand-tightened screws.
3. Place the screws, lens and lens seal to one side for reassembly.
4. Remove the tubes, unscrew the tube clips that are located on the reflector.



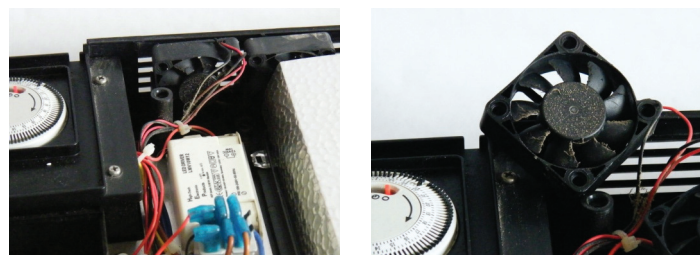
5. Carefully remove the 6 screw covers that conceal the screws which hold the top and bottom parts of the hood together.
This is best done by using a thin, flat-blade screwdriver in the place provided.
6. Remove the screws using a Philips screwdriver.
7. Turn the hood over and place it on a flat, smooth surface. Pick up the 6 screws that will fall out as you turn the hood over.
8. Fold the front panel onto the top of the hood (in the open position).
9. Carefully lift the top part of the hood (with the front panel), off of the bottom part thus exposing the electrical components.



2 Cleaning/ Replacing the Fans

The MAX fans are not a warranty item and will need replacing over time. However it is possible that increases in noise can be caused by a build up of dust etc and simple cleaning may be sufficient to restore the fans to full working order.

1. Carefully lever the fans from the cradles in which they sit.
2. Remove dust and other debris from around the hood vents.
3. Using a soft damp cloth, gently wipe the fans clean, checking for signs of wear or damage.



- Excessive wear will cause the fans to become noisy over time, and will reduce their speed and efficiency. In this instance, and where cleaning does not rectify the problem the fans will require replacing.
- Contact your distributor / dealer for details of how to purchase replacement fans.

Replacing the fans

1. Unscrew the black & red fan leads from the terminal block.
Note that there is an additional wire in each terminal block and be sure to re-insert this when you connect up the new fans.
2. Carefully snip the cable ties holding the fan wires in place and remove the fans.
3. Insert the new fans, ensuring they are installed the right way (there are small guide arrows on the top face of the fans).
4. Attach the fan wires in to the terminal block where you removed the original wires from, and use new cable ties to tidy the hood wiring.

3 Checking the hood

1. To check that everything is properly connected, plug the open hood into the mains supply.
Warning: Do not touch any internal parts while the hood is plugged into the main supply.
2. Using the switch on the timer, toggle between the I / 0 positions:
 - The "0" position will activate the blue moonlight lights - if not, switch the rocker switch next to the timer.
 - The "I" position will activate the fans.
3. If the fans and the LED's do not work as describe above - disconnect the hood from the mains, check the connections and retest.
If the fans make a grating noise - remove them from the housing and reinsert. When properly seated the fans will not make any mechanical noise.
Once the fans and the LED's work as described above disconnect the hood from the mains. Move the I / 0 switch on the timer to the I posion.

4 Reassembling the hood

1. Place the top of the hood on the bottom part. It may take a few tries until you get the fit correct (it should not require any force if aligned properly).
2. Hold the two parts together and place the hood upside down.
3. Screw the tube clips back into position on the reflector; insert the two tubes into the lamp holders and clips.
4. Plug the hood into the mains supply. The tubes should light immediately.
If the tubes do not light - disconnect the hood from the mains, remove the tubes and tube clips, reopen the hood and look for the loose connection.
If the tubes light immediately - disconnect the hood from the mains and continue reassembling the hood by replacing the 6 screws and screw covers.
5. Replace the lens, making sure that the lens seal is in position.