

Replacement Pump Instructions Plant Lab Hydroponics system

Purpose: Replace the pump on a Plant Lab Hydroponics system.

Prerequisites

1. Identify the failing pump – beeps once each 50 min, fan off on one shelf; this is the failed pump.
2. Power off the hydroponics system by pressing the switches down to off position.

Steps to Perform

Remove the old pump:

1. Unscrew the pump connection from the bulkhead by turning it counterclockwise.
 - a. Unscrew it fully
 - b. Pull connector apart.



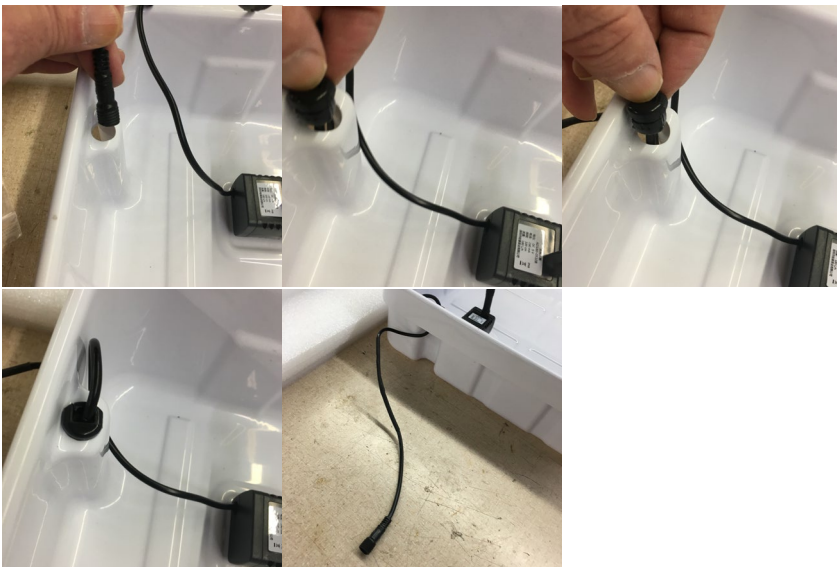
2. If desired, put the entire shelf on a work surface. Be careful with any water left in the shelf or drain it first.



3. Use a finger to push up on the grommet. Once the grommet is out of the hole, pull the cord to remove the cord and connector from the shelf, then remove the pump.



4. Place the replacement pump into the shelf with the suction cups facing down. Push the connector down through the opening until the grommet touches the hole, then push the grommet into place. Have at least eight inches of cable outside of the shelf.



5. Put shelf back into the hydroponics system. Align the connectors so that the keys mate with each other. Push connector together and screw clockwise until tight.



6. Fill the tray with water and test by turning the system back on and ensuring all trays are pumping water, and each fan is on.

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