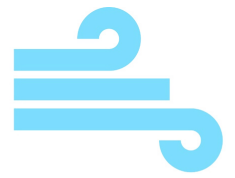


Healthy Glow STEM Kit





Black Fan (non-argb/LED) Wiring

Assembly videos: <https://www.youtube.com/@cleanairkits>

ELECTRICAL







- A  Fan to DC Adapter
- B  5-To-1 Fan Hub
- C  12V DC Power-supply
- D  Seven 120mm Fans
- E  3 Way Splitter

COMPONENTS

- 1  Two 25x7" Panels
- 2  Two 16x7" Side Panels
- 3  Tension Cord
- 4  Zip Ties
- 5  7 Fan Grills
- 6  3M Filtrete MPR 1900 or 2200 (Sold Separately)
- 8  28 Fan Push Pins

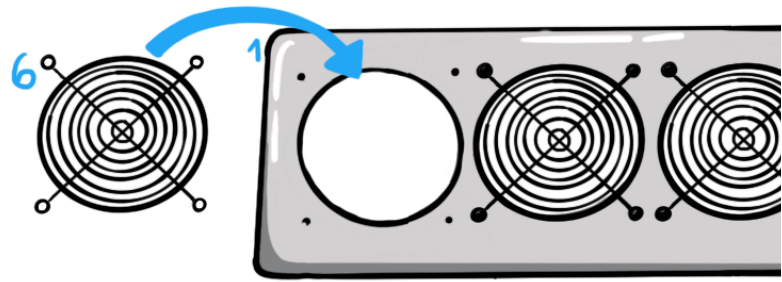
HARDWARE

TOOLS

-  Scissors
-  Putty knife
-  Screwdriver
- 9  4 Slotted Panel Connectors
- 10  Strain relief grommet
- 11  Adhesive hooks

INSTRUCTIONS

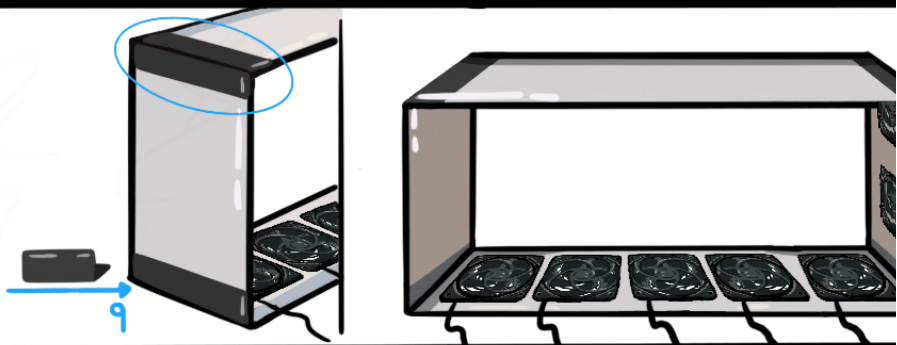
1) Orient the grills in a symmetric pattern and attach with push pins. If hard to press, place grill-side down on table and push on back of panel around pin(s). Leave grill-side down for step 2)



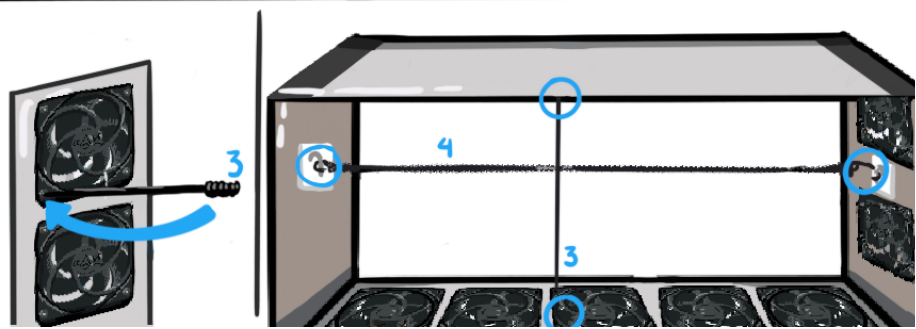
2) Orient fans with colorful logo up (model specs facing grills). Wires should exit a consistent side. Firmly push fan frames onto pins. Inspect from side to ensure fans contact panels uniformly.



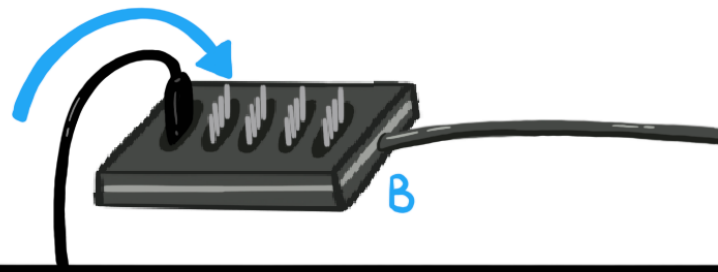
3) Slide panels firmly into slotted panel connectors. If the grip seems too loose, add some gaffer or masking tape around edges before sliding into slots.



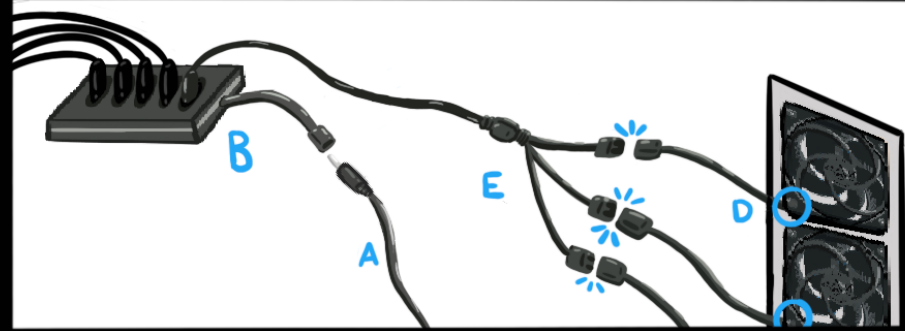
4) Add adhesive hooks at centers of blank panels. Hook/tie tension cords between opposite sides (from hook to a central fan screw hole near).



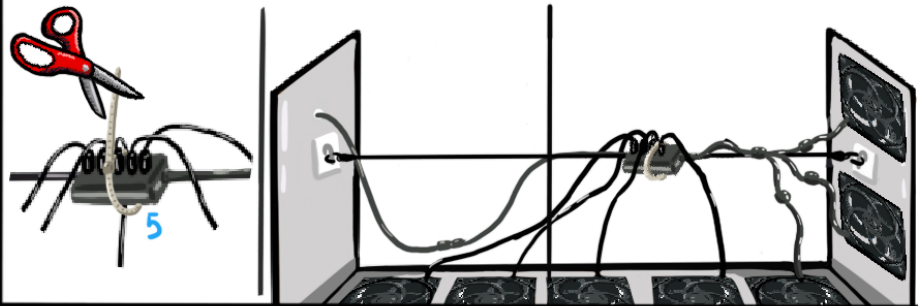
5) Attach 4 top fan cables to the 5-way fan hub. Note tongue & groove make 3-hole plugs fit only one way into 4-pin sockets!



6) Daisy chain remaining 3 fan cables (side & near top) into 3-way splitter cable, then to 5th position in hub. Attach 5-way hub to 4-pin DC barrel adapter.



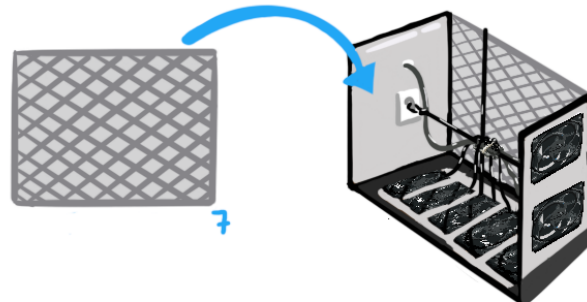
7) Secure the fan hub near the central tension wire with a zip tie. Pull any wire excess away from fans & tie toward tension cord.



8) Connect the DC barrel plug to the AC adapter and plug in to wall for test. All fans should run without hitting any wires or obstructions.



9) Disconnect power. Apply foam tape along side box edges only. Push the filters into the open sides, gently prying away any panel/foam edges that catch.



10) FINAL INSPECTION. You are responsible for noticeable gaps/leaks (e.g. > 2 mm²) around fans or filters that can reduce filtration efficiency. Inspect carefully from all sides. Tighten push pins, panel connectors & bungees. Trim excess cardboard overhang at filter corners. Plug gaps with foam or tape as necessary.

**Place fan & filter sides at least 2"
best 12" from walls for good
performance!**



Clean Air Kits
Quick Quiet Room Refresh