

# Tower of Power Kit



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

## ELECTRICAL

- B Two 5-To-1 Fan Hubs
- C 12V DC Power -supply
- A DC Barrel to dual 4-pin Adapter
- E 4 SickleFlow Fans  
6 Arctic P14 Fans

## COMPONENTS

- Two 31 "x8" Fan Panels
- Two 20 "x8" Bridge Panels
- Bungee Cords  
Zip Ties
- 10 Fan Grills
- 3M Filtrete MPR 1900 or 2200  
(Sold Separately)
- 40 Push Pins

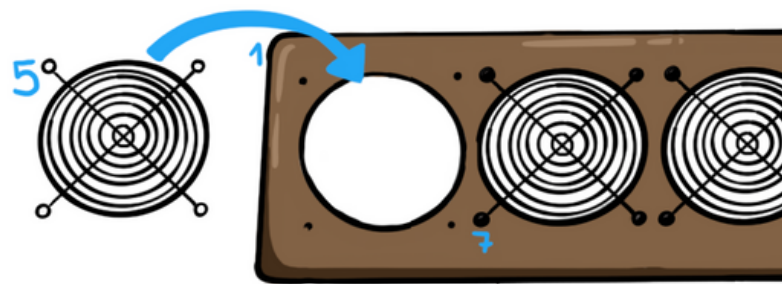
## HARDWARE

## MATERIALS

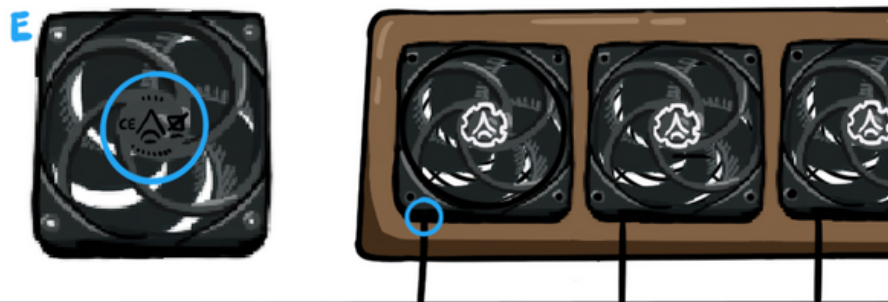
- Scissors
- Pliers
- Putty Knife & Screwdriver
- 16 Screws
- Strain relief grommet

## INSTRUCTIONS

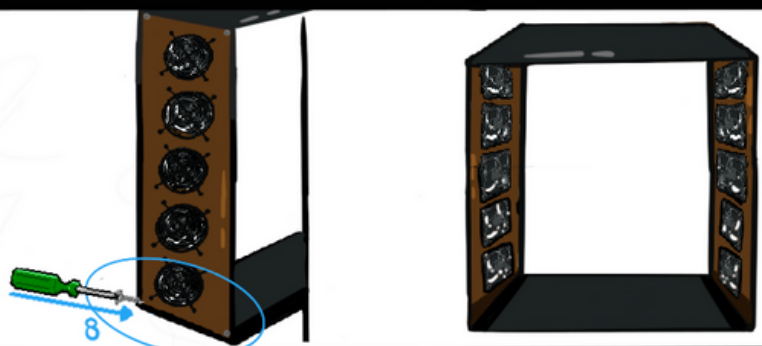
1) Finish attaching fan grills with push pins until all grills attached. NOTE: loop on grills should be flush with panel. Leave panel grill-side down on table for pushing in step 2)



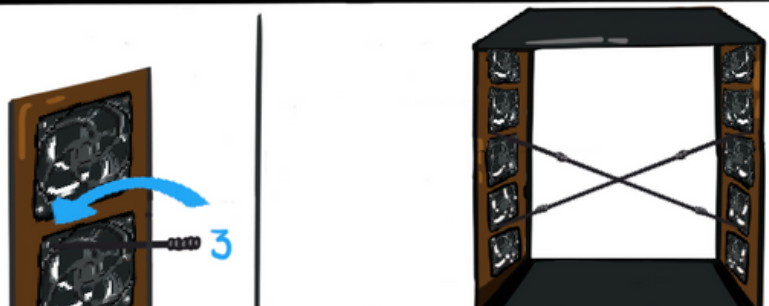
2) Orient fans with colored logo front side up. Firmly push fan frames onto push pins. Inspect from side to ensure fans contact the panel uniformly.



3) Screw the side fan panels into the pre-drilled holes in ends of black panels.



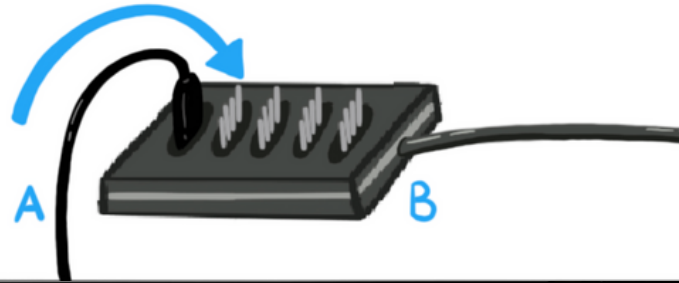
4) Hook or tie two tension cords criss-crossing between smaller fans screw holes on opposite sides. Tension slightly so panels bow inward a bit, but won't pull fans off.



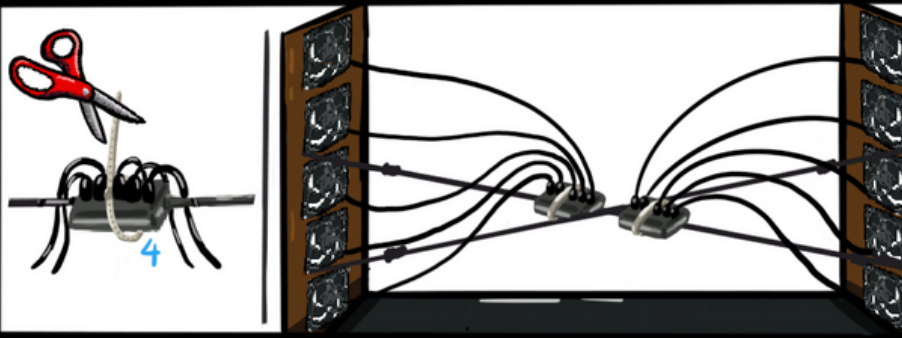
5) Connect each 5-way hub to the dual cable coming from grommet hole.



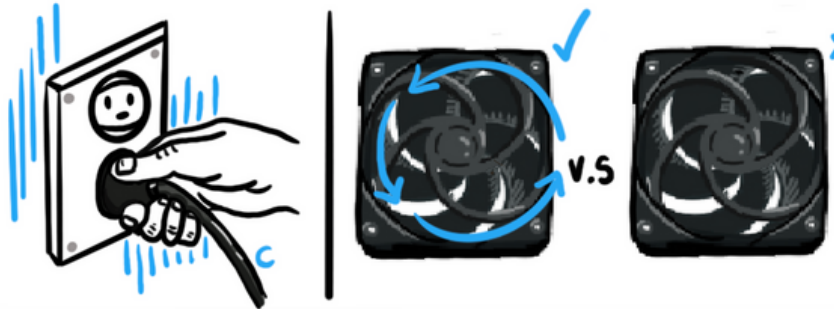
6) Plug each fan cable into the 5-way hub for its side.



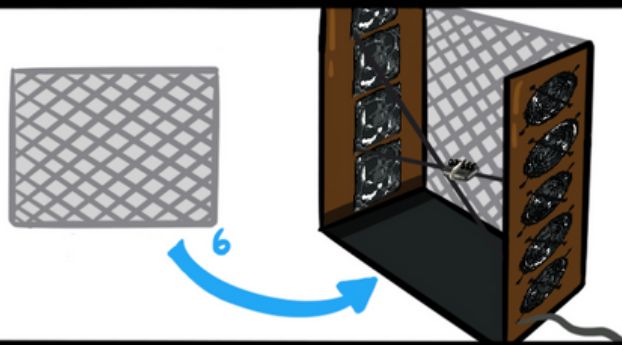
7) Secure the fan hubs near the center of the tension cords with a zip tie. You can stick their adhesive backs to one another. Secure loose wires to bungee with zip ties also.



8) Connect the DC barrel plug to the AC adapter and plug in to AC for test. All 10 fans should run without any wire obstructions.



9) Disconnect power. Apply foam tape around inside box edges. Push the filters in gently, sliding a putty or butter knife between foam and filter to pry back any edges that catch.



10) Inspect for tight screws, flush and tight filters.

**Place fan & filter sides at least 2 inches from walls for good performance!**