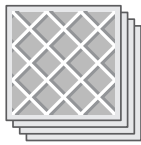


This DIY Portable air filter is easy to build. The materials can all be found at a hardware store. The fan pulls dirty air through the filters, trapping dust, smoke, and other harmful airborne particles. The filter will provide cleaner, safer air to your space. Safer indoor air is beneficial to health, including reducing the risk of exposure to COVID-19. This little box makes a big difference in making the air you breathe cleaner, safer, and healthier.

Visit [cleanaircrew.org](https://cleanaircrew.org) for more indoor air quality tips!

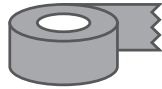
### 1 Gather Materials

4 MERV 13 Air Filters (20"x20")      Box Fan (20"x20")

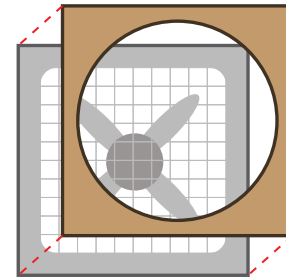


2 Cardboard Sheets (20"x20")

Duct Tape

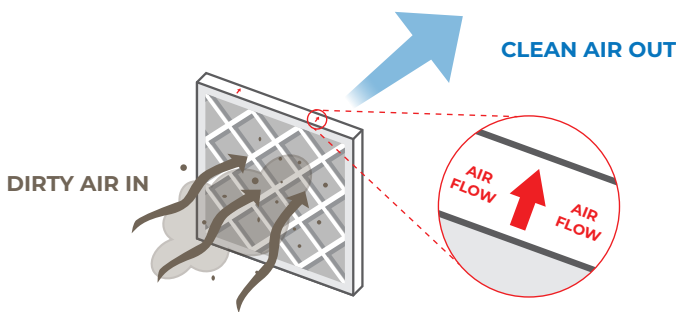


### 2 Prepare Fan Covering



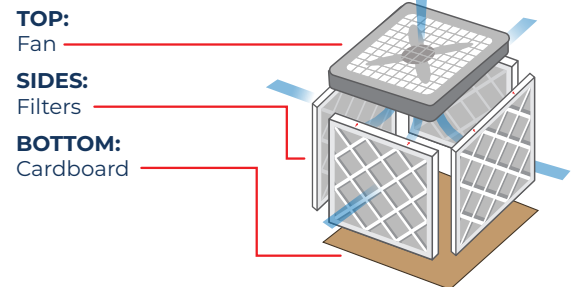
Make circular covering from cardboard sheet.  
**Covering the fan corners will increase filtering power.**

### 3 Note Filter Flow Direction



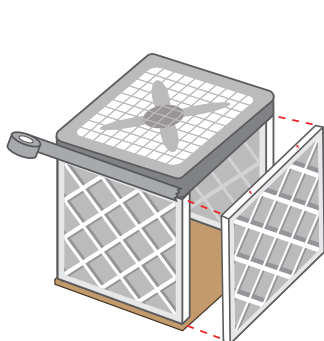
Airflow is marked on the filter frame.  
**Make sure all arrows are pointed inward.**

### 4 Arrange Box Parts

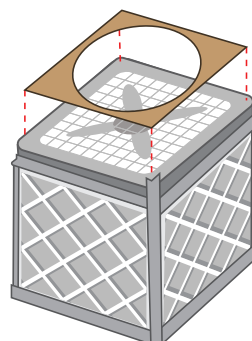


Arrange filters and fan so that **air flows in through the sides and out through the top.**

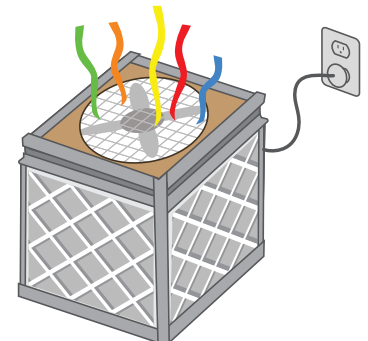
### 5 Assemble and Seal



Use duct tape to make an airtight seal.



Add covering to top of fan.



Plug in and enjoy.  
Don't forget to decorate!