Part 1: Childproofing your box fan

Here's an easy, cheap way to add some childproofing to a box fan before making your HEPA-Filter box fan.

What you'll need:

- Box fan
- Mosquito netting
- Screwdriver
- Knife

How to assemble:

Step 1: Unscrew and remove the front of the fan.

Step 2: Stretch the screen over the fan.

Step 3: Put the front back on the fan.

Step 4: Screw the fan top back in.

Step 5: Cut the excess screen away. A sharp knife works best.
Part 2: DIY HEPA filter box fan

It's important to use ventilation alternatives so fresh air can move around. A box fan filter is an excellent ventilation alternative.

What you'll need

![20x20x1 inch filter][Rating - MERV13, FPR10, or MPR1900]

![20-inch box fan]

Duct tape

How to assemble

**Step 1**
Place filter on back (air intake side) of fan.

**Step 2**
Use duct tape to attach the filter securely to the fan.

**Step 3**
Place in an area away from any obstacles and turn the fan on.

**Step 4**
Keep all windows and doors closed to prevent new pollution from getting into your home.

When using the box fan...

- Close windows and doors.
- Place near the middle of the room.
- Don't use it in the window.
- Replace filter every 3 months or when dirty.

General safety tips...

- Make sure the filter is on the back of the fan, facing forward.
- Keep away from drapes and other flammable objects.
- Never use unattended.
Part 3: Frequently asked questions

How many do I need?
Plan on one fan per occupied room. During the day, you can move fans to your living spaces when bedrooms are unoccupied.

Do I need a charcoal filter/pad?
Charcoal filters are meant to help reduce odors. If you do not have odors, you do not need a charcoal filter. If you notice an odor, using a charcoal filter might help. Depending on its usage, the charcoal filters may need to be replaced more often than the filters.

What is the recommended way to change a filter?
When you are going to change a dirty filter, you should be outside and wear an N95 mask. Cut the tape where the filter is attached to the fan and place the used filter into a garbage bag, seal the top, and toss it in the trash. You should wipe down the fan with fragrance-free soap and water and let it run outside for 10-15 minutes before bringing it back inside and replacing the filter.

Can I use thinner (1-2-3”) filters?
Any filter is better than no filter. Thinner filters can reduce airflow, be louder, and get dirty faster.

Scan the QR Code for More information.