

DIY your own air filter for less than \$50!

This is done best in concert with a “clean room” in your home, which can simply be an interior room with doors closed and door draft blockers in place, or even an exterior room with window sealed tight.

Supplies

- Box Fan
- 1 - 4 Furnace Filter(s), MERV 13/FPR 10/MPR 1900 or better
- Bungee Cord and/or Duct Tape
- Scrap cardboard (optional)

For one filter version

1. Place the furnace filter flat against the intake/back side of the box fan, with the arrows on the filter pointing in the direction of airflow, towards the fan.
2. Bungee and/or duct tape the furnace filter tight against the box fan.
3. All done! Plug the fan in and run it normally. The filter will trap dust, smoke, pollen, viruses, and other pollutants as it runs, cleaning the air in the room.



The more filters you add, the more air will be pulled through!

For multiple filters, use the filters and cardboard to build 3D shapes, like a triangle with 2 filters, or a cube with 4. Use duct tape to seal edges.



The Clean Air Coalition of WNY

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