

WHY CHOOSE A DIY FILTER OVER A NORMAL ONE?

- It's much cheaper!
Build one for around \$50. A retail filter can cost ~\$150.
- It can clean the air in a small to medium sized closed room.

SAFETY ISSUES

- Use a newer fan with a built-in fuse plug.
- Clean the fan & motor.
- Keep curtains and loose clothing away.
- If the fan doesn't start quickly and run smoothly do not use.



UNDERSTANDING YOUR DIY HEPA FILTER



WHAT PARTS DO I NEED?

1. A 20" box fan (newer than 2012)
2. A 20" x 20" MERV 11 to MERV 13 electrostatic air filter
3. Tape or bungee cord to hold the filter in place.

HOW DO I ASSEMBLE?

1. Build the box fan via the manufacturer's instructions.
2. Place the filter on the back of the fan with the airflow arrow pointing towards it.
3. Secure the filter with tape or a bungee.