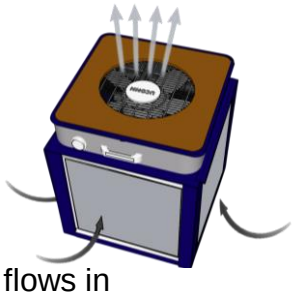
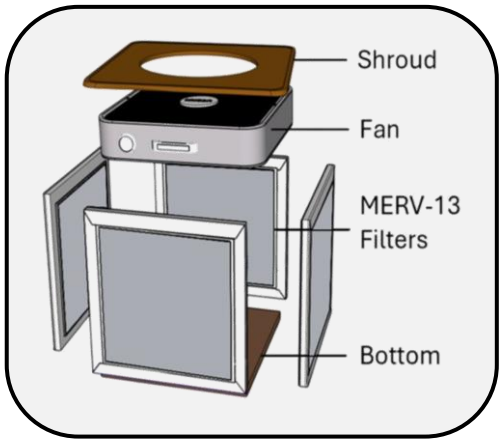
A Simple DIY Guide to Cleaner Air

Video Instructions and Additional Resources





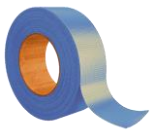
1 Gather materials


Four MERV-13 filters (20"x20"x2")

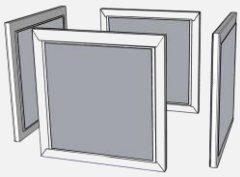

One 20” box fan


Two cardboard sides from the fan box

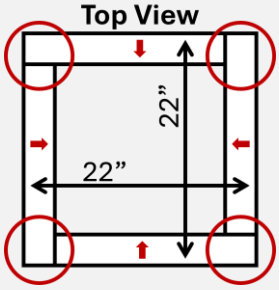

A cutting tool


A roll of duct tape

2 Build a cube with the filters


Make a square cube with four filters

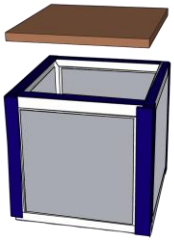

Duct tape the edges together

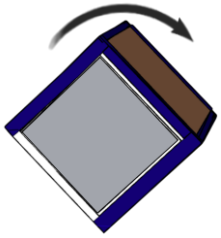


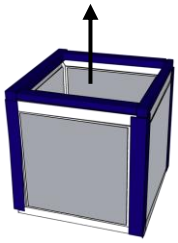
Stop and check:
1) Airflow arrows point inside cube

2) All four corners are overlapping / “L” shaped joints

3 Add bottom


Duct tape one cardboard square to bottom

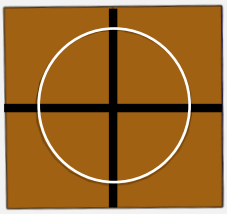

Flip the box over

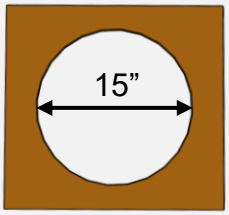


Stop and check:
Check all edges to ensure the duct tape creates an airtight seal. If air can leak out, the purifier won't work correctly.

4 Cut shroud (optional)







Cut 15” diameter circle in center of the second cardboard piece

While not necessary, the shroud improves performance by up to 60%.

5 Add fan and shroud


Place fan on top of the filter cube with the logo facing up and cord outside of cube


Duct tape around the fan, sealing all gaps

If using a shroud, tape it securely to the fan. Duct tape can also be used to create a shroud; see the video for instructions.

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ILLUSTRATIONS BY AEHRAAN DONGARE