

SUAFT-M: An AC & HEPA Filter for Enclosed Printing with quick change AC packs

m marc_o_v

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Summary

Remix of @jonspaceharper's SUAFT hepa and activated carbon air filter designed for 3D printers

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Tags: [filter](#) [magnets](#) [hepa](#) [airfilter](#) [enclosed](#) [filtration](#)
[activatedcarbon](#) [airfiltration](#)

This is a remix of @jonspaceharper's SUAFT air filter. He encouraged me to make a modded version with magnets instead of screws for the AC packs, which worked rather nicely.

The original model uses four screws to fix the activated carbon (AC) packs to the main body. This remix substitutes these screws with four 6x2 or 6x3 magnets (only 6x2 tested for now) to enable easier swapping of the AC. The packs themselves are still screwed to prevent any bigger mess.

Currently, there are only files for the two fan version, I try to provide updated files for the single fan version in the near future.

For BoM and instructions, please refer to the original model.

This remix is based on



SUAFT - An AC & HEPA Filter for Enclosed Printing

by [jonspaceharper](#)

Model files



suaft_main_body_mag.3mf

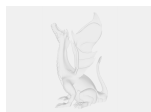


suaft_fan_cap_mag.3mf



suaft_filter_base.3mf

☐ Unmodified from original version



suaft_ac-filter_base_mag.3mf



suaft_ac_filter_cover.3mf

☐ Unmodified from original version

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