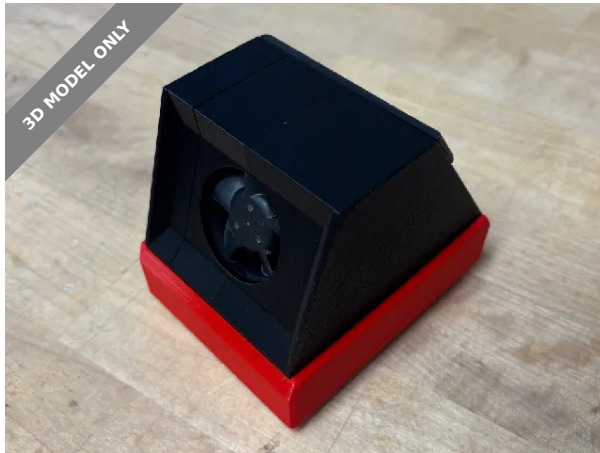




Soldering Fume Extractor - USB-C - 40mm Fan



maxcou

[VIEW IN BROWSER](#)

updated 15. 10. 2026 | published 15. 10. 2026

Summary

A simple and compact Soldering Fume Extractor with a USB-C port for power and a 40mm fan.

[Hobby & Makers](#) > [Tools](#)

Tags: [fume](#) [soldering](#) [fan](#) [usb](#) [usbc](#) [fumeextractor](#)
[40mmfan](#) [fumes](#) [fumeextraction](#)

Soldering Fume Extractor - USB-C - 40mm Fan

This is a simple and compact Soldering Fume Extractor with a USB-C port for power and a 40mm fan.

Hardware Required:

- **9x** M3 Screws
- **4x** Rubber feet (Optional)
- **1x** 40mm by 20mm Fan OR 40mm by 10mm Fan with the 3D printed adapter
- **1x** USB-C PD Trigger Board (Like this: https://www.pcboard.ca/image/cache/catalog/products/voltage_regulator/usbc-trigger/usbc-pd-trigger-1024x1024.jpg)
- Some cable

The 3D models come in 5 parts. Simply separate them in your slicer!

Make sure to request the correct voltage for your fan on the USB-C trigger board. I'm using a 12V fan, and it works great.

Also, thanks to [Graham W](#) for his great USB-C PD Trigger Board dimensions that he made available for us to use.

Support me by using my referral code on Prusa Website:

@maxcou_485438

Model files



soldering-fume-extractor-usb-c-40mm-fan.3mf



soldering-fume-extractor-10mm-fan-adapter.3mf

☐ Optional

License ©

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution-NonCommercial

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✗ | Commercial Use
 - ✗ | Free Cultural Works
 - ✗ | Meets Open Definition