

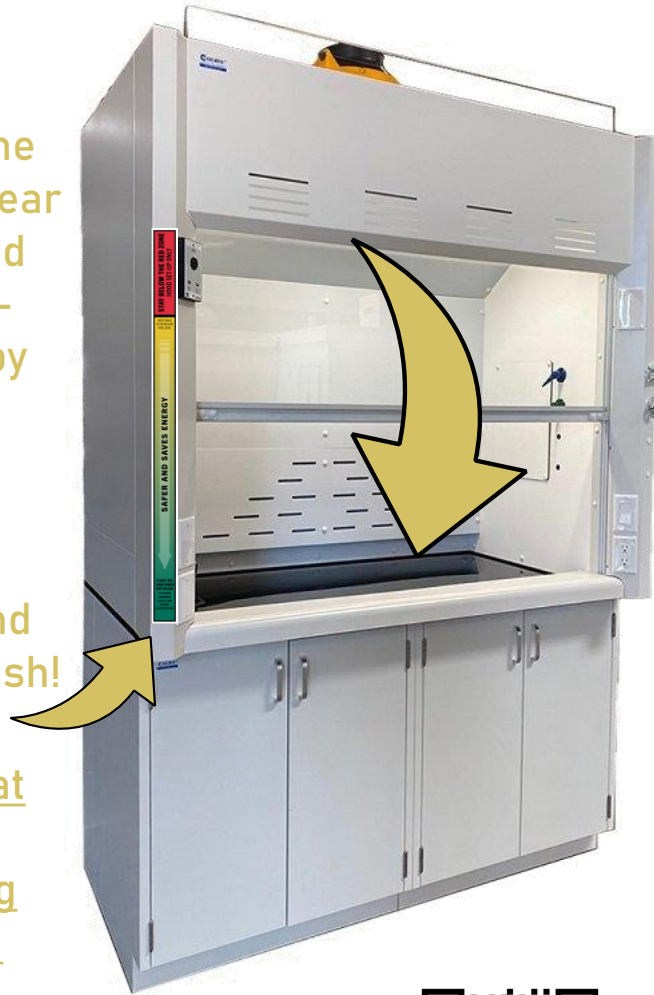
# FUME HOOD FACT SHEET

## DID YOU KNOW?!

An open fume hood can use the same amount of energy in a year as 3.5 homes! Fume hoods and other ventilation consume 40-70% of the total energy used by laboratories.

Keep yourself safe, avoid chemical exposure, and help reduce campus energy use and emissions by shutting your sash!

Stickers can remind users that the sash should only be open when setting up and modifying experiments. Get yours today!



## FUME HOOD BEST PRACTICES:

- Sashes should be closed at all times when not in use.
- Never put your head inside the hood during operations!
- Minimize foot traffic by the face of the hood and don't make fast movements when taking things in and out of the hood, as this can cause contaminants to flow out.
- Keep your fume hood clean and tidy, and do not use them for permanent chemical storage. Chemicals should be stored in approved safety cabinets.
- Each waste container must be changed 9 months after being first used (even if it is not full!) and should be capped when not in use.
- Minimize obstructions to the rear baffles to maintain proper airflow inside the hood.
- Keep all chemicals and equipment at least 6 inches behind the face of the hood (you can mark this by a taped line inside the fume hood).
- Fume hood sashes should not be raised above the indicated safety line on the bench surface or sidewall. Never place sparking or ignition sources inside the hood when flammable liquids or gases are present.



**Caltech**  
**green**  
**labs**



Or check our website for more tips and tricks to make your lab more sustainable!

Download the Green Labs Certification Form today!  
Submit to [sustainability@caltech.edu](mailto:sustainability@caltech.edu)

Sustainably printed on 100% recycled paper!