

Be Safe & Energy Wise with Biosafety Cabinets (BSCs)

BSCs are required to be certified annually OR when moved/repared

Increase your filter lifetime & save energy

→ Turn Off Blowers Between Uses

Follow these important guidelines to be safe and sterile

1. After use, ethanol wipe and wait 5 minutes for air to filter before turning off blower
2. Before beginning work, let the blower run for 5 minutes to filter the air and do an ethanol wipe

**NIH, CDC, & NSF do NOT recommend
UV lights → False Sense of Security**

1. Only the top layer of cells is killed by the 253.7 nm UV light which has limited penetrating power
2. UV light effectiveness reduces as lamp intensity diminishes over time and dust builds up
3. UV light can damage eyes and skin

Don't forget to clean under the pan

Ethanol wiping is not only important for those surfaces you see, but also for underneath

1. Decontaminate ALL surfaces inside the cabinet (even under the pan) with ethanol or other suitable disinfectant
2. Always follow the manufacturer's instructions when using a BSC to maximize the protection of the personnel, the material on the work area, and the environment



**For questions regarding biosafety cabinets, please contact
the biosafety group in EH&S at 303-492-6025**

CU Green Labs Contact:
Kathy Ramirez
greenlabs@colorado.edu
ecenter.colorado.edu/greenlabs
303-492-8308



UNIVERSITY OF COLORADO BOULDER

Facilities Management
Office of Sustainability
Environmental Health and Safety
Environmental Center

