



Laboratories are one of the most energy-consuming places in any institution, be it in the academe or the industry. To promote sustainability, energy-saving strategies are implemented in workplaces all over the globe. In fact, converting to a large-scale, green laboratory will result in reduced annual operating costs and higher savings.

5 TIPS FOR A GREENER LAB



TURN OFF AND UNPLUG

all laboratory equipment and apparatus that are not in use.



PRACTICE 3R'S

Reduce consumption and waste. Reuse and Recycle papers, plastics, and bottles if applicable.



SHUT THE SASH

when the fume hood is not in use to diminish energy costs and to provide added protection.



FOLLOW THE PRINCIPLES OF GREEN CHEMISTRY

that include: the minimization of toxic materials and the design of chemicals through energy-efficient and environmentally-safe methods.



CHOOSE GREEN

products when purchasing laboratory equipment. Check the product's specifications to make sure the materials used are environment-friendly.

Compared with conventional hoods, **Frontier[®] ACELA[™]** operates safely at 0.3 m/s (60 fpm) at 457 mm (18.0") while maintaining excellent ASHRAE and EN containment. Exhaust volume reductions of up to 58% may be achieved without compromising safety. This translates into an annual operating cost savings of up to US\$5600. Unlike VAV systems, the Esco Frontier[®] ACELA[™] is easy and inexpensive to install, commission and maintain.

