

## Ecosash

EcoSash® is an innovative device from Aircare that dramatically improves the energy saving capability of a variable air volume (VAV) fume cupboard. A frequently selected option on Aircare’s new VAV fume cupboards, the EcoSash® **Retrofit Kit** offers similar energy savings for existing VAV fume cupboards – regardless of who manufactured them.

A VAV system reduces the exhaust of conditioned air through the fume cupboard at lower sash heights; however, the energy saving benefit accrues only if the operator remembers to lower the sash.

Ingenuously, EcoSash® “remembers” – it automatically lowers the sash door after a pre-set period of inactivity at the fume cupboard. With the EcoSash® system, *energy savings are certain*, not just possible.

As an added bonus, EcoSash® enhances laboratory safety by always keeping the sash down when practical.

### Features

- ▶ Automatically lowers the fume cupboard sash if it’s not being used.
- ▶ So, automatically reduces unnecessary exhaust of conditioned air.
- ▶ Pays for itself in energy savings in approximately 18 months.
- ▶ Automatically stops lowering the sash if an obstruction is encountered.
- ▶ Compatible to retrofit on most brands of VAV-type fume cupboards.
- ▶ User friendly – easy to use, to configure, and to change settings.
- ▶ Kit comes complete with all materials, including installation and configuration instructions.
- ▶ Pre-purchase information available to assess EcoSash® for use at your site.



The EcoSash® Controller, common to both new fume cupboard installations and to retrofits.



The EcoSash® Motion Sensor module is mounted on the face of the fume cupboard in the centre above the sash. Shown here on an Advanced Air® EcoAir® fume cupboard, the sensor panel can be easily mounted on any make of fume cupboard. It continually monitors operator activity and communicates with the EcoSash® Controller.

## EcoSash® Kit Contents



Each kit also includes a 22-page illustrated manual.

### For further information

- ▶ View EcoSash® in action:  
[ecosash.net/ecosash/?page=video](http://ecosash.net/ecosash/?page=video)
- ▶ Contact Aircare for more information about EcoSash® and its compatibility with your fume cupboards.

