



# Airflow Controls

**Our range of innovative VAV controls are designed specifically to provide variable airflow volume and ensure the safety of users working with industrial and educational fume cupboards, fume hoods and biological safety cabinets. As well as mitigating risk, VAV airflow controls reduce energy consumption and carbon footprint.**

As many fume cupboard ventilation systems are full fresh air type a high amount of energy is wasted when the fume cupboards are not in use. Converting to VAV can reduce volumes by up to 85%, reducing both energy costs and carbon emissions. TEL offers a full retro fit service and is making a considerable impact on how organisations meet their carbon reduction targets.



## Benefits:

### Safety and compliance

Protecting your staff from potentially hazardous fumes and substances and ensuring you stay compliant.

### Energy and cost savings

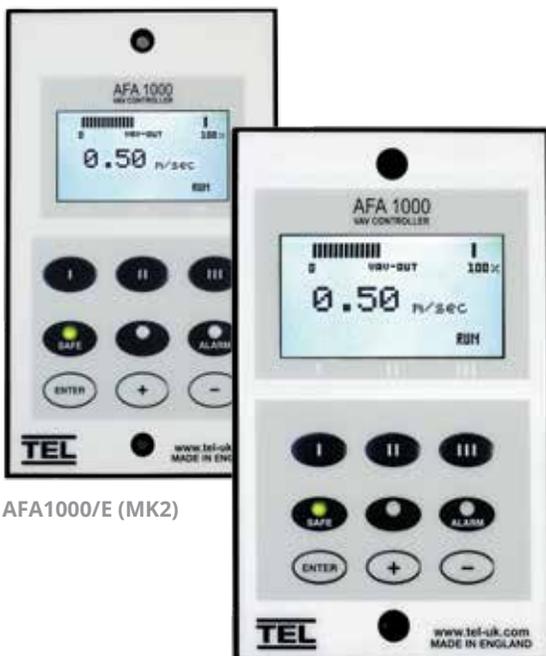
The TEL VAV airflow controller reduces the volume of air taken from the fume cupboard when it is not being used, reducing energy usage by up to 85%, considerably reducing costs.

### Carbon emissions reduced

With many organisations having to meet carbon reduction targets, TEL's VAV airflow controller reduces energy wastage, ensuring reductions in carbon emissions.

### Reliability

With no inherent drift, the unique sensor will provide stable readings over many years of operation without re-calibration, ensuring reliability and safety.



AFA1000/E (MK2)

AFA1000/E (MK3)

## World leaders in airflow controls and monitors



### **AFA1000/RM**

The AFA1000/RM model is a wall mounted room differential pressure controller suitable for controlling the supply air into a room using a damper, valve or inverter.

### **AFA1000/BLD**

The AFA1000/BLD is a wall mounted fresh air bleed controller suitable for controlling the VAV system duct pressure using a fresh air bleed damper or fan inverter drive.

### **AFA1000/AHU**

The AFA1000/AHU model is a wall mounted pressure controller suitable for controlling the duct pressure of an AHU using an inverter drive.

### **Choose the right model for your needs:**

#### **AFA1000/E**

The AFA1000/E is a digital airflow VAV controller available with a range of remote unique airflow sensors that are used to measure face velocities or duct velocities. The AFA1000/E is available fully flush (MK2) or semi flush (MK3).

#### **AFA1000/E Dual Output**

The AFA1000/E has a dual output allowing control of a secondary function such as; Supply Air Damper/inverter control or Fresh Air Bleed Damper control.

The graphic is set against a green background with a pattern of stylized fan blades and arrows. In the center, a large white circle contains the text 'up to 85% energy reduction' in green and black. A green checkmark is positioned to the right of the text. The overall message is about energy savings and environmental benefits.