



# FUMAIR

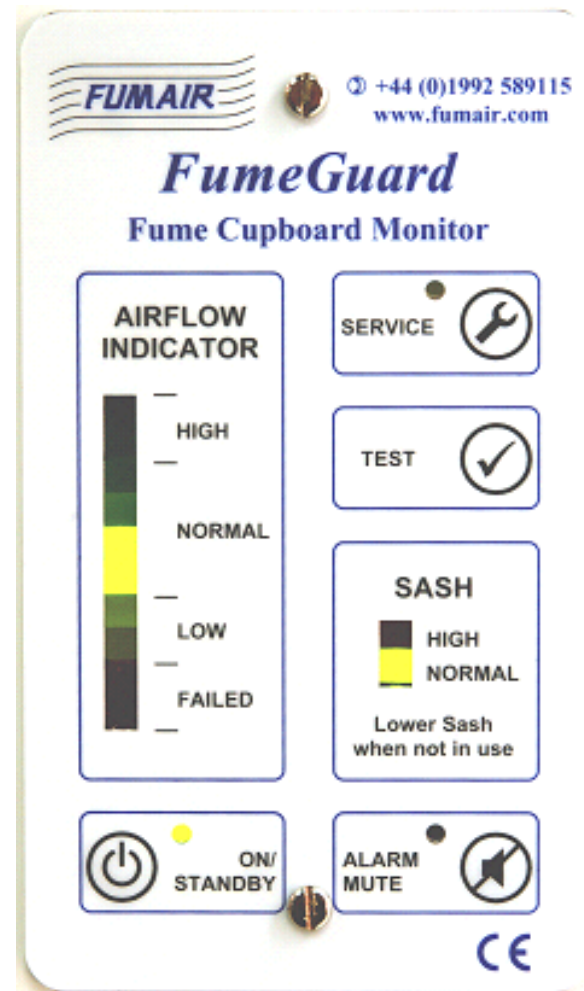
## FumeGuard Controller

### The low cost airflow monitor with big features

The Fumair FumeGuard is a low cost microprocessor controlled airflow monitor and control system, ideally suited for fitting to new or existing fume cupboards, but versatile enough to be used with any extraction equipment where a critical airflow requires monitoring.

Features include:

- High intensity coloured LED scale representing airflow
- Volt-free changeover relays for switching extract and supply air fans
- Audible and visual airflow failure alarms
- Mains supply failure alarm via an internal NiCad battery
- Audible and visual sash over-height alarms (via a suitable switch) with 5-minute mute facility
- Delay facility, which keeps the extract and supply air fan running for 1 minute after switching off in order to purge the fume cupboard
- Instrument test facility, which simulates an airflow failure and tests the alarms
- Service alarm to warn the user that the fume cupboard is due a service visit. The service period is adjustable and can be set to either monitor the number of days since the last service or, for use with filtered/ recirculating fume cupboards, the hours of use since the filter was last changed
- Remote on/off facility for control via building management systems or time switches
- Keypad lock facility, to prevent unauthorised use
- Volt-free relay outputs for airflow-fail and airflow-proven
- 2 ranges of response, to prevent nuisance alarming in turbulent conditions
- 2nd range of monitoring and alarm functions for 2 speed operation in conjunction with an inverter speed control or similar
- Can be supplied with an integral d.o.l. starter or our popular inverter-drive system



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