ASHRAE Academic Ventilation COVID-19 Guidance

Carbon Dioxide Air Quality Monitoring & Life Safety

Advanced Indoor Air Quality Sensing Technology

CO2 Levels
Displays current CO2 gas levels in part per million (ppm).

0-10V Outputs
0-10V analogue output progress bars

Average CO2 Levels
Average CO2 readings over an 8 hour period when above 600ppm

Easy Installation
Engineers settings menus for easy navigation

Gas in use
Indication when the gas is being used

BOOST ON

MUTE

Boost on
Analogue outputs will run at optimum voltage

Mute
Sounder alarm mute indication.

Temperature readings
displays temperature levels over 30 minute periods.

Touch button
Used to activate 'Boost' or 'Mute'.

SAFE Safe CO2 or temperature levels will be displayed GREEN	ATTENTION! Low CO2 or temperature levels will be displayed YELLOW	DANGER Dangerous CO2 or high temperature levels will be displayed RED
799 / AVERAGE 689 / 22.8 °C	2252 / AVERAGE 3489 / BOOST ON / 24.2 °C	3252 / AVERAGE 3289 / MUTE / 30.2 °C
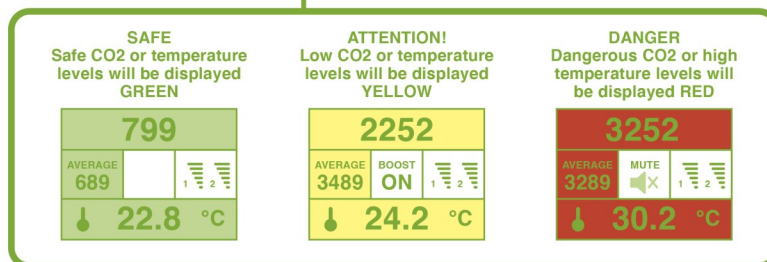
Traffic Light Indicator
Display changes colour dependent on the CO2 levels and temperature.
Green - Safe / Yellow - Attention / Red - Danger

Incredibly Easy to Use & Install

- ✓ Dual powered 120v AC or 24v AC for plug and play installation
- ✓ Ventilation activation boost, mute and screen wake up buttons
- ✓ Can be used to automatically ramp fans up and down dependent on CO2 or temperature levels

In Accordance With ASHRAE COVID-19 Guidance

An ASHRAE document for reopening schools and universities has been released, giving new advice when ventilating academic buildings, in order to reduce the spreading of COVID-19.

The Merlin CO2 TFT is a NDIR sensor which exceeds the guidance set out in this document and is necessary to protect public health, safety, and welfare.

https://www.ashrae.org/technical-resources/reopening-of-schools-and-universities