

Fume Hood Sensor

Purpose of the safety bulletin: To inform the research community about Phoenix Sentry sensors attached to the fume hoods on campus.

Why was it installed?

To reduce energy consumption in laboratories and promote safer use of the fume hoods, sensors were installed. These sensors have many features including:

- Digital Display
- Audio/Visual Alarms
- Stopwatch/Timer
- Emergency Exhaust Mode*

What if you hear an alarm?

If you hear an alarm from the sensor, inspect the fume hood to make sure the sashes are closed and the baffles in the rear of the hood are not blocked. If they are ok then contact the FC Helpdesk and create a ticket.



* Press button to increase the ventilation of the fumehood. Press again to return to normal.

Alarms

Fume hoods are a major component of a labs ventilation system and the new sensor will notify occupants when the airflow falls outside the set parameters (typically 0.4 - 0.5 m/s).

Alarms can happen for multiple reasons that can include:

- Opening the sashes too far causing the airflow to drop too low.
- Fume hood malfunction.
- Leaving lab doors open.

FC Helpdesk

959 (from office)

012-808-0959 (from mobile)

fchelpdesk@kaust.edu.sa