Monitor negative pressure on fume hood

APPLICATION C131

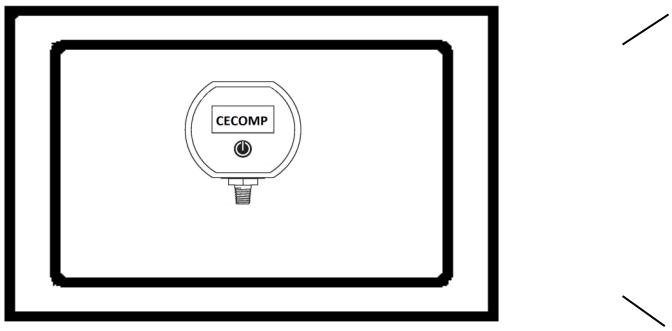
Type of Company: Pharmaceutical Company
Location: Illinois

A fume hood is a large piece of scientific equipment common to laboratories designed to limit a person's exposure to hazardous and/or unpleasant fumes. The hood works with sash positioning controls to let the HVAC system know how much the sash is being opened. The controls then let the system know to reduce or increase the fan speed and thus the volume of air that needs to be exhausted.

Photo by employee of US Government-Public Domain

The Engineering Issue

- The engineer has a requirement to replace all of the mercury manometers used to monitor the pressure for the fume hood.
- She requires a portable, cost-effective, accurate electronic manometer that has no mercury and does not require an electrician to install.



The engineer used a Cecomp ARM760AD (Absolute Reference Manometer) to monitor the negative pressure (vacuum) inside the fume hood. Cecomp also furnished a special connector via the wall-mount power supply that does not require an electrician to install.

Problem. Solved.

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