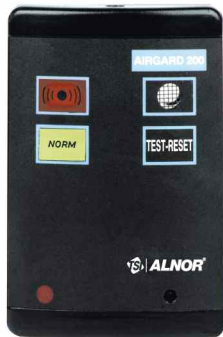




## AirGard® Lab Hood Monitors



Model 200



Model 405



Model 335

### AirGard Lab Hood Monitors Model 200/405

The Alnor® AirGard® Models 200 & 405 are simple, go/no-go lab hood monitors designed to warn users of unsafe conditions. The flush-mount Model 200 has a sleek appearance often preferred on new hoods while the surface-mount Model 405 is easy to install on existing hoods.

### Features and Benefits

- Measurement Range is 70-250 fpm (0.35-1.27 m/s)
- Measurement Accuracy 5% of reading
- Flush Mounting
- Audible and Visual Alarm
- Integral Thermal Sensor
- Power 24VDC (Plug-In Wall Transformer Included in US)

### AirGard Lab Hood Monitors Model 335

The AirGard Model 335 lab hood monitor surpasses the protection offered by go/no-go monitors like the Models 200 & 405. It features prominent LEDs to indicate hood status, a digital display of the actual measured face velocity and the ability to warn of unsafe high face velocities, increasing user confidence in lab hoods

### Features and Benefits

- Color analog LCD display to indicate face velocity
- May also be configured to display face velocity digitally
- Display and alarm range is 50–250 fpm (0.25–1.27 m/s)
- Jumbo red LED and audible alarm (85 dB @ 4" [10 cm])

*Rugged. Reliable. Professional.*



# AirGard Lab Hood Monitors

Models 200/405 and 335

## Specifications

Models 200/405 and 335

|                                  | AirGard 200/405  | AirGard 335  |
|----------------------------------|--|--|
| Display range                    | n/a  | 50–250 fpm (0.25–1.27 m/s)   |
| Alarm range                      | 70–250 fpm (0.35–1.25 m/s)   | 50–250 fpm (0.25–1.27 m/s)   |
| Field set-up                     | single low velocity alarm set point  | 2 point velocity set-up  |
| Alarm set points                 | low  | low and high   |
| Repeatability of alarm set point | ±10% of reading or 10 fpm (0.05 m/s), whichever is greater   | ±10% of reading or 10 fpm (0.05 m/s), whichever is greater   |
| Alarm delays                     | 10 seconds   | user configurable through menu   |
| Relay output                     | 1  | 2  |
| Remote alarm acknowledge         | yes  | yes  |
| Units                            | n/a  | selectable (English & Metric)  |
| Display—visual                   | jumbo green LED: normal<br>jumbo red LED: alarm  | analog bar graph, jumbo LEDs<br>red zone: alarm<br>yellow zone: marginal<br>green zone: normal<br>(digital LCD can be enabled) |
| Alarm indications                | jumbo red LED and audible alarm (85 dB @ 4" [10 cm])   | jumbo red LED and audible alarm (85 dB @ 4" [10 cm])   |
| High flow alarm disable          | n/a  | yes  |
| Emergency purge                  | no   | yes  |
| Horn silence                     | temporary and permanent  | temporary and permanent  |
| Mounting                         | flush (200) or surface (405)   | flush  |
| Operating temperature            | 55–86°F (13–30°C)  | 55–86°F (13–30°C)  |
| Storage temperature              | -40–150°F (-40–65°C)   | -40–150°F (-40–65°C)   |
| Power requirement                | 12.0 ± 1.0 VOC or 9.0 ± 0.5 VAC  | 9–30V AC/DC  |
| Instrument dimensions            |  |  |
| front face plate                 | 200: 4.75 x 3.25 x 0.5 in. (12.07 x 8.25 x 1.27 cm)<br>405: 6.0 x 3.13 x 1.75 in. (15.24 x 7.95 x 4.45 cm) | 5.25 x 3.0 x 0.625 in. (13.3 x 7.62 x 1.59 cm)   |
| rear enclosure                   | 200: 4.5 x 2.5 x 1.38 in. (11.43 x 6.35 x 3.5 cm)  | 3.0 x 2.0 x 0.5 in. (7.62 x 5.08 x 1.27 cm)  |
| Agency listings                  | CE   | CE   |

Alnor Products, TSI Incorporated - 500 Cardigan Road Shoreview, MN 55126-3996 USA  
USA Tel: +1 800 874 2811 E-mail: customerservice@alnor.com



Contact your local Alnor Distributor or visit our website [www.alnor.com](http://www.alnor.com) for more detailed specifications.