



Airgard® Lab Hood Monitors

Models 200, 405 and 335



Alnor® AirGard® Lab Hood Monitors indicate safe levels of air flow in laboratory fume hoods.

Alnor® AirGard® Lab Hood Models 200 and 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.

Alnor® AirGard® Lab Hood Model 335

The AirGard Model 335 lab hood monitor surpasses the protection offered by go/no-go monitors like the Models 200 and 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 (Models 200 and 405)

- Range 25-2,000 fpm (0.127-10.16 m/s)
- Accuracy $\pm 5\%$ of set point
- Visual display jumbo green, yellow, and red LEDs
- Alarm indications jumbo red LED, audible alarm, relay output
- Input power 9-30 V AC/DC
- Mounting flush or kit
- Velocity readings taken by remote probe inserted in air flow stream

Features and Benefits (Model 335)

- Accuracy $\pm 5\%$ of reading or 5 fpm, whichever is greater
- Visual digital display bar graph with green, yellow, and red zones; jumbo green, yellow, and red LEDs



Specifications

Airgard® Air Flow Monitors

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 jumbo red LED: alarm	analog bar graph, jumbo LEDs red zone: alarm yellow zone: marginal green zone: normal (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 VDC or 9.0 ± 0.5 VAC	9–30V AC/DC
Instrument dimensions front face plate	200: 4.75" x 3.25 x 0.5" (12.07 x 8.25 x 1.27 cm) 405: 6.0 x 3.13 x 1.75" (15.24 x 7.95 x 4.45 cm)	5.25 x 3.0 x 0.625" (13.3 x 7.62 x 1.59 cm)
rear enclosure	200: 4.5 x 2.5 x 1.38" (11.43 x 6.35 x 3.5 cm)	3.0 x 2.0 x 0.5" (7.62 x 5.08 x 1.27 cm)

Specifications subject to change without notice.

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