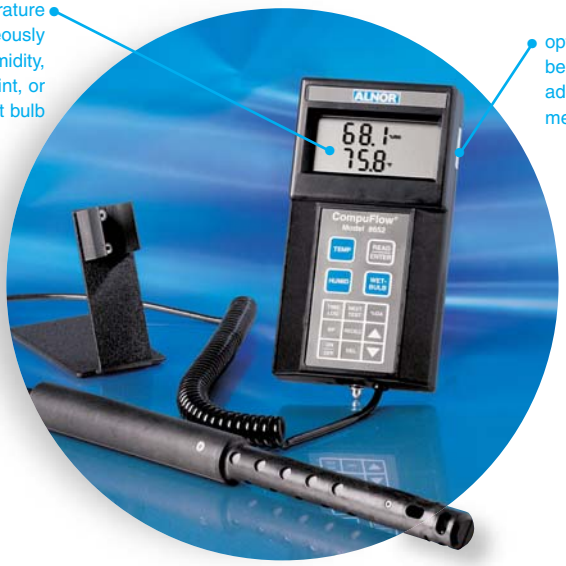
[CompuFlow® 8652 and 8612 Thermo-Hygrometers

Alnor 8652 and 8612 Thermo-Hygrometers are ideal for measuring temperature, humidity, and dew point. Both include a probe with coiled cable to allow for measurements in hard-to-reach areas such as heating and cooling ducts. They are excellent tools for testing humidity and temperature factors in IAQ studies, manufacturing processes, and storage facilities. The model 8612 is a base model that displays average readings along with maximum and minimum values. The model 8652 offers data storage of up to 1000 readings, printing, and data downloading capabilities. The user can use temperature readings to calculate percent of outside air to determine the amount of fresh air entering the building. The model 8652 includes CompuDat™ software and interface cable for downloading to a PC.

8652

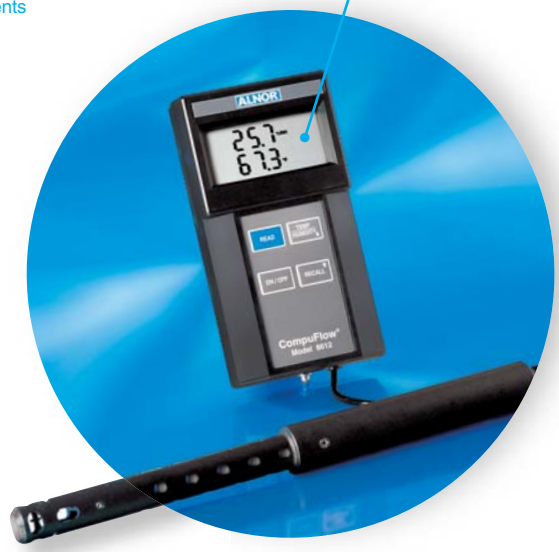
view temperature simultaneously with humidity, dew point, or wet bulb

optional RTD probe can be plugged in to perform additional temperature measurements



8612

use in plant maintenance and inspection of air conditioning systems



model

CF8652 CF8652M (metric)	CF8612 CF8612M (metric)	2917026
CompuFlow 8652	CompuFlow 8612	surface temp. RTD probe

specifications

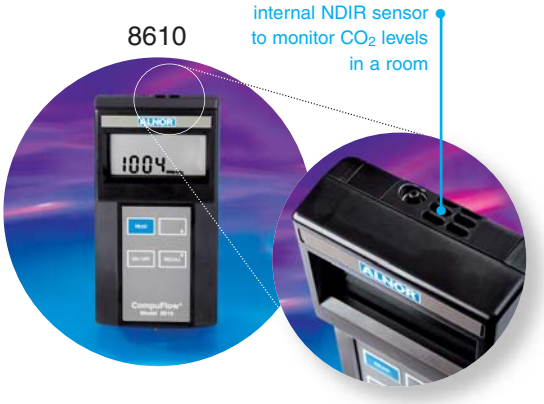
		8652	8612
range	HUMIDITY	5–95% RH	5–95% RH
	TEMPERATURE	32–140°F (0–60°C)	32–140°F (0–60°C)
	DEW POINT	5–120°F (-15–49°C)	5–120°F (-15–49°C)
	WET BULB	40–140°F (5–60°C)	NA
resolution	HUMIDITY	0.1% RH	0.1% RH
	TEMPERATURE, DEW POINT, WET BULB	0.1°F (0.1°C)	0.1°F (0.1°C)
accuracy	HUMIDITY	±2% RH	±2% RH
	TEMPERATURE	±1°F (1°C)	NA
display		2-line, 4-digit LCD	2-line, 4-digit LCD
instrument weight		1.16 lb (0.53 kg)	1.16 lb (0.53 kg)
batteries		four AA-size alkaline	four AA-size alkaline

[CompuFlow® 8650 and 8610 IAQ Meters

Indoor environments can be improved by measuring levels of CO_2, relative humidity, and temperature. Alnor IAQ meters help building owners, operators, HVAC contractors, and consultants solve problems in schools, offices, factories, and hospitals. The CompuFlow model 8610 measures CO_2 levels. The model 8650 adds humidity, temperature and an optional plug-in RTD temperature probe. It calculates dew point and wet bulb temperatures to help assess indoor comfort level and calculates outside make-up air ratio. The model 8650 also offers data averaging, and stores up to 1000 readings. The 8650 includes CompuDat software and interface cable for downloading to a PC.

8650

8610



model

CF8650 CF8650M (metric)	CF8610 CF8610M (metric)	2917026
CompuFlow 8650	CompuFlow 8610	surface temp. RTD probe

specifications

		8650	8610
range	CO_2	0–5000 ppm	0–5000 ppm
	HUMIDITY	5–95% RH non-condensing	NA
	TEMPERATURE	32–140°F (0–60°C)	NA
	DEW POINT	5–120°F (-15–49°C)	NA
	WET BULB	40–140°F (4.4–60°C)	NA
resolution	CO_2	1 ppm	1 ppm
	HUMIDITY	0.1% RH	NA
	TEMPERATURE, DEW POINT, WET BULB	0.1°F (0.1°C)	NA
accuracy	CO_2	±3% of reading or ±50 ppm, whichever is greater	±3% of reading or ±50 ppm, whichever is greater
	HUMIDITY	±2% RH	NA
	TEMPERATURE	±1°F (1°C)	NA
display		2-line, 4-digit LCD	4-digit LCD
instrument weight		1.16 lb (0.53 kg)	1.16 lb (0.53 kg)
batteries		four AA-size alkaline	four AA-size alkaline

AirGard® Lab Hood Monitors

Alnor AirGard Lab Hood Monitors provide an indication of safe levels of airflow in laboratory fume hoods and meet the requirements of ANSI 29.5-2003, NFPA 45-2000, SEFA 1.2-2002, and NSF 49-2002. The models 200/405 feature an audible and visual alarm with relay output in an easy-to-calibrate unit ideal for retrofitting existing hoods. The model 335 features a color analog LCD display to indicate face velocity; it may also be configured to display face velocity digitally.

315-BSC

easy to read jumbo LEDs

simple go/no go monitor

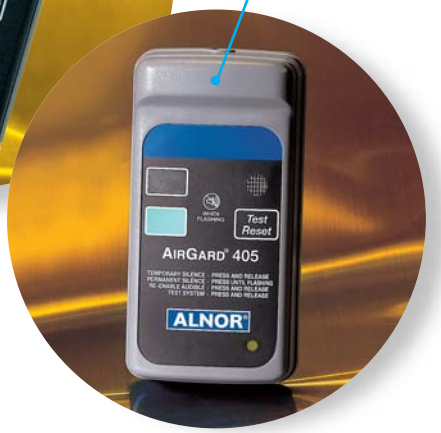
velocity readings taken by remote probe inserted in air flow stream

335

AirGard 335 gives you continuous viewing of face velocity

405

designed for easy retrofit to existing hoods



model

335 D	200 AG	405 D	410 HE*
AirGard 335 (flush mount)	AirGard 200* (flush mount)	AirGard 405 (surface mount)	AirGard 410 HE (explosion-proof)

specifications

		335-BSC	200/405	315-BSC	350-CEM
range	DISPLAY	50–250 fpm (0.25–1.27 m/s)	NA	NA	NA
	ALARM	50–250 fpm (0.25–1.27 m/s)	70–250 fpm (0.35–1.27 m/s)	25–2,000 fpm (0.13–10.2 m/s)	25–2,000 fpm (0.13–10.2 m/s)
accuracy		±10% of set point	±10% of set point	±5% of reading or 5 fpm whichever is greater	±5% of set point
display		analog bar graph; jumbo LEDs (green zone=normal, yellow zone=marginal, red zone=alarm), digital LCD can be enabled	jumbo green LED=normal jumbo red LED=alarm	bar graph (red, yellow, green): digital LCD can be enabled	jumbo LEDs (red, yellow, green)
weight		0.5 lb (0.23 kg)	0.5 lb (0.23 kg)	0.75 lb (0.34 kg)	0.75 lb (0.34 kg)
power required		9–30 VAC/DC	9–30 VAC/DC	9–30 VAC/DC	9–30 VAC/DC