AIR QUALITY

CO² MONITOR
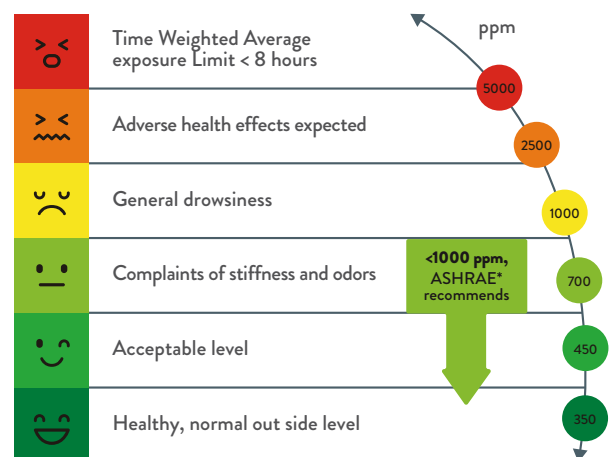
Monitor CO² levels to guarantee interior air quality

CHARACTERISTICS

- NDIR Non – Dispersive – Infrared) technology used to measure CO2 concentration
- 3 LEDs display the current Status of Indoor Air Quality

- <800ppm · 800~1200ppm · >1200ppm

- Stable visual and audible alarm function
- Reliable Sensor provides long-term calibration stability
- The visual and audible alarm function can be adjusted by user

		ppm
	Time Weighted Average exposure Limit < 8 hours	5000
	Adverse health effects expected	2500
	General drowsiness	1000
	Complaints of stiffness and odors	<1000 ppm, ASHRAE* recommends 700
	Acceptable level	450
	Healthy, normal out side level	350

* ASHRAE - American Society Of Heating, Refrigerating And A-C Engineers Fdn
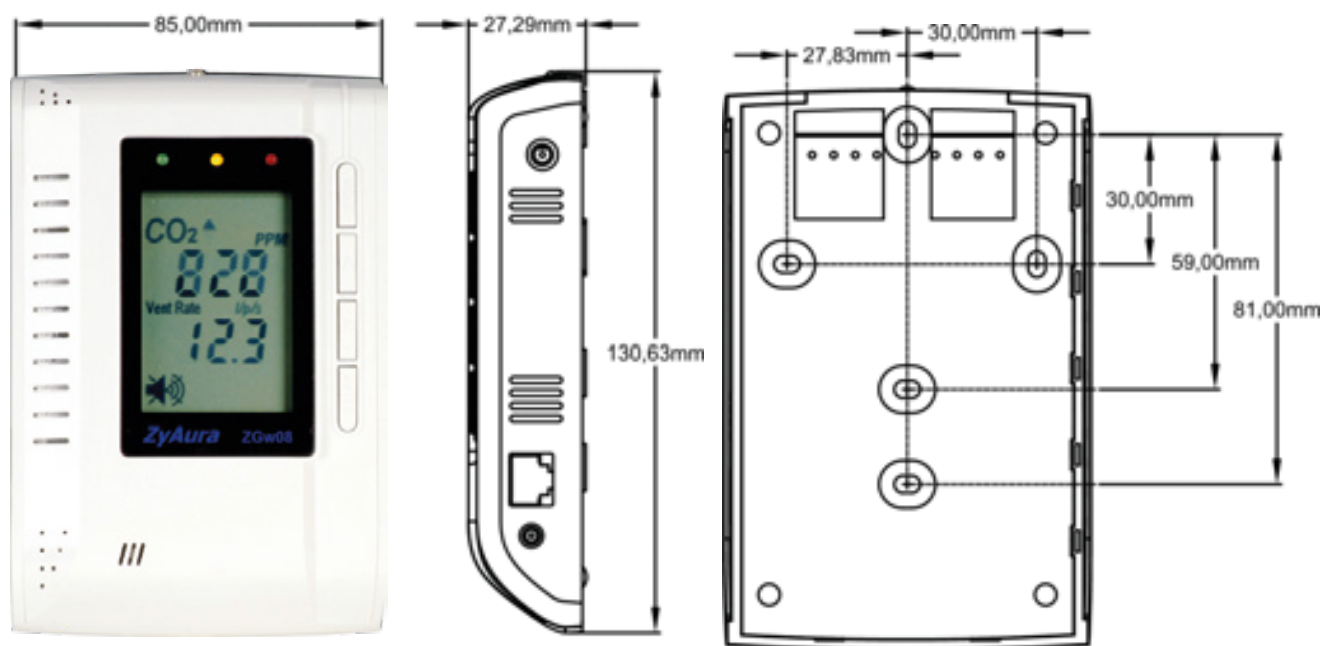
AVALIABLE FOR

Used Indoors in HVAC systems

CO² MONITOR

GL T25GL001

Approximate gross weight: 290g

TECHNICAL DATA	
POWER SUPPLY	18 to 26Vdc | 18 to 36Vdc
OPERATING TEMPERATURE	0 to 50°C | 32 to 122°F
OPERATING HUMIDITY RANGE	0 to 95% RH Non Condensing
STORAGE TEMPERATURE	-20 to 60°C | -4 to 140°F
RELAY OUTPUT	30Vdc or 250Vdc, máx. 2A., SPST. Normal Open
LINEAR VOLTAGE OUTPUT	0 to 10Vdc
LINEAR CURRENT LOOP OUTPUT	4 to 20mA (Maximum current is 500 Ohm)

CO^2 MONITOR

SPECIFICATION METHOD – NDIR
Sample Method -Diffusion or flow through (50 ~200 ml/min)

CO^2 PERFORMANCE	
MESSUREMENT RANGE	0 to 3,000ppm
RESOLUTION	1ppm to 0~1.000ppm; 10ppm to 1.001~3.000ppm
ACCURACY	± 75 ppm or ± 5% of reading, whichever is greater
REPEATABILY	±20 ppm to 400ppm
TEMPERATURE DEPENDENCE	±0,2% of reading for °C or ±2ppm for °C, whichever is greater, with reference at 25°C
PRESSURE DEPENDENCE	0,13% of reading for mm Hg (corrected via user imput for altitude)
RESPONSE TIME	<2min for 90% state change
WARM-UP TIME	<60 seconds at 22°C
ZONE LED DISPLAY	Green <800ppm Yellow 800 to 1200ppm Red >1200ppm (adjustable)