

# AIR QUALITY

## CO<sup>2</sup> MONITOR

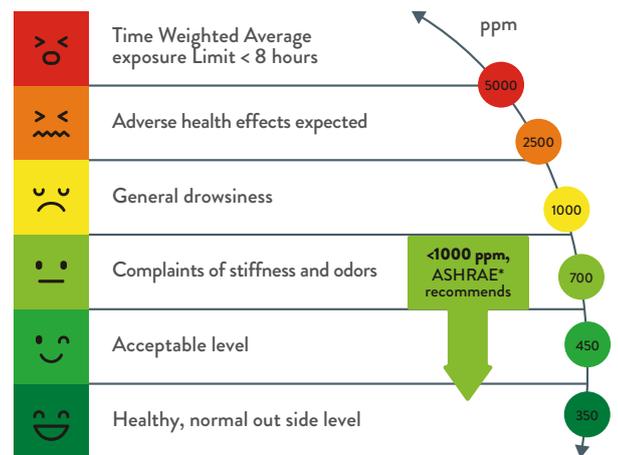
STANDARD

Monitor CO<sup>2</sup> levels to guarantee interior air quality



### CHARACTERISTICS

- NDIR (Non – Dispersive – Infrared) technology used to measure CO<sub>2</sub> 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



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

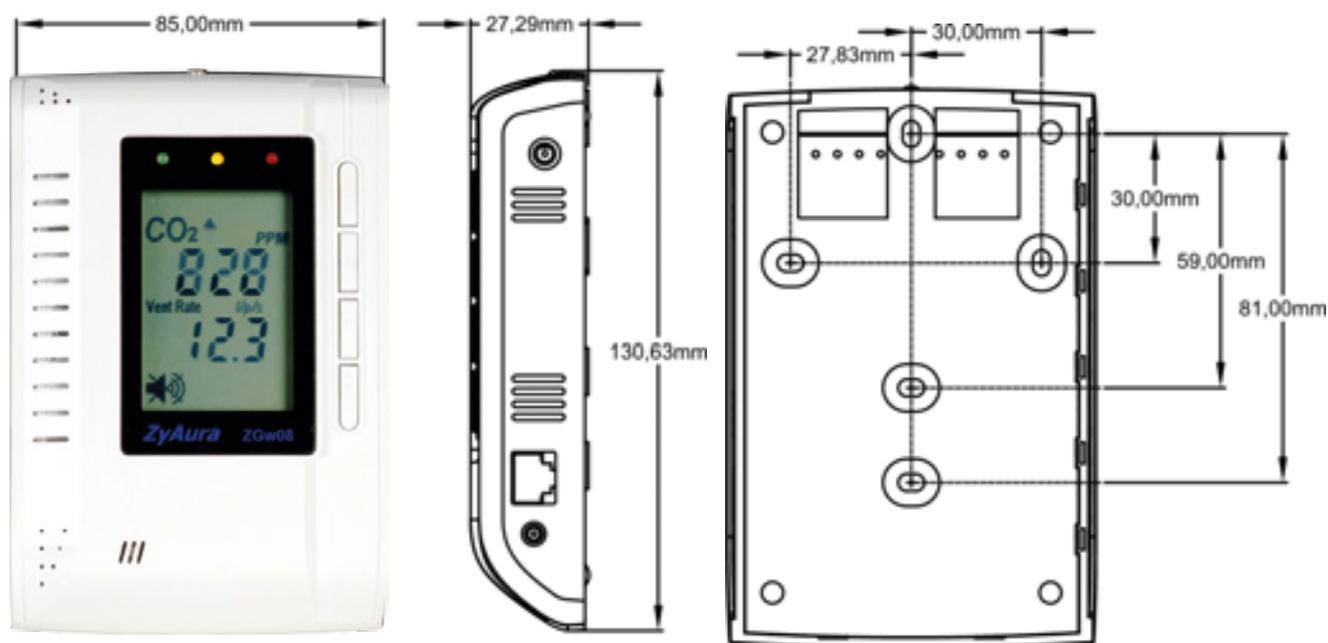
### AVAILABLE FOR

Used Indoors in HVAC systems



# CO<sup>2</sup> 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)



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SPECIFICATION METHOD – NDIR

Sample Method -Diffusion or flow through (50 ~200 ml/min)

CO <sup>2</sup> 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
REPEATABILITY	±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 input 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)

