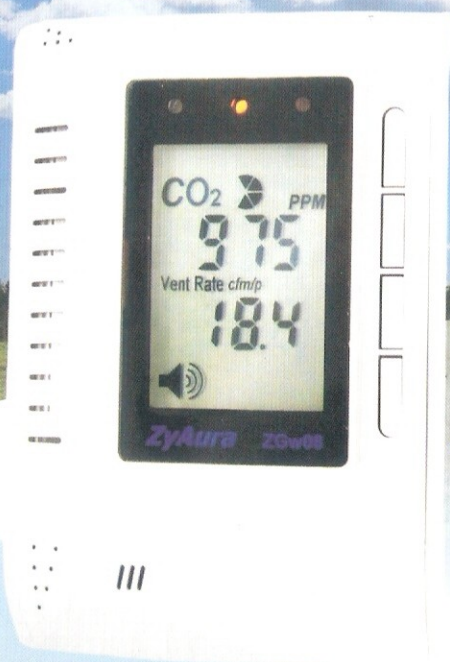


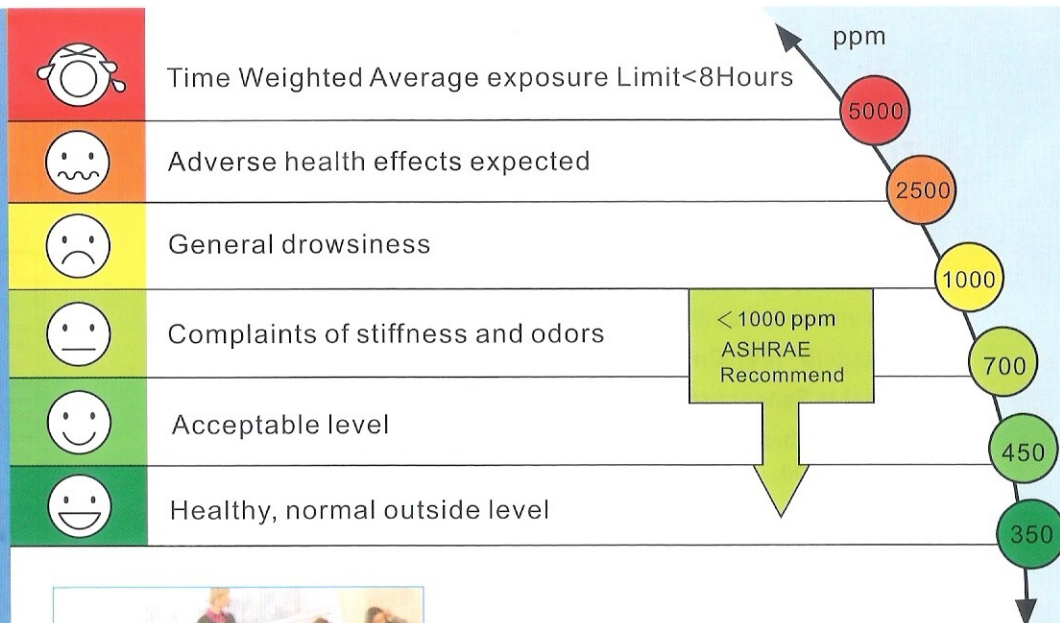
Monitoring CO2 to ensure Indoor Air Quality

Wall Mount CO2 Monitor use in Indoors or relay to HVAC system for Energy Saving

- NDIR (Non-Dispersion-Infrared) technology used to measure CO2 concentration.
- 3 LED display show the current Indoor Air Quality situation.
- The visual and audible alarm function can be adjustable by user.
- Voltage(0~10V) ,Current Loop and Relay output.
- Reliable Sensor provides long-term calibration stability.



Wall
mount
ZGw08VRC series



School/ Office



Home



Restaurant/
Movie theater



Hypermarket/
Shopping
mall

SMART METER

ZGw08VRC series: Wall mount CO₂ monitor

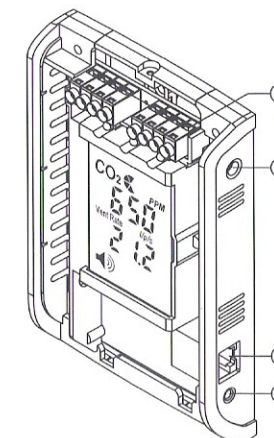
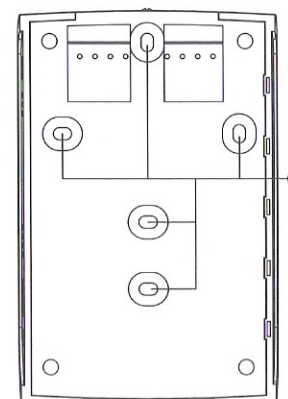
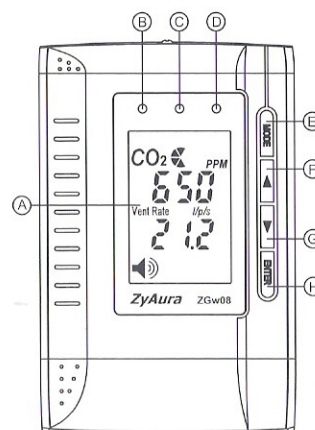
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- Reliable Sensor provides long-term calibration stability.
- Mounting bracket with terminal block provides quick easy installation.

Specifications

- 3 LED Display
 - < 800ppm
 - 800~1200ppm
 - > 1200ppm
- Buzzer Alarm : 70dB@10 cm

■ Performance- CO₂

Measurement Range	ZGw08VRC	0 ~ 3,000ppm
	ZGw08VRC-M	0 ~ 10,000ppm
	ZGw08VRC-H	0 ~ 50,000ppm
Resolution	1ppm	
Accuracy	±75 ppm or ±5% of reading whichever is greater	
Repeatability	±20 ppm @400ppm	
Temperature Dependence	±0.1% of reading per °C or ±2 ppm per °C, whichever is greater, refer-enced to 25°C	
Pressure Dependence	0.13% of reading per mm Hg (Corrected via user input for altitude)	
Response Time	<2min for 63% of step change	
Warm-Up Time	<60 seconds at 22°C	



■ Outputs

Linear Voltage Output	0 ~ 10VDC
Linear Current Loop Output	4 ~ 20mA (Max Load is 500ohm)
Relay Output	30VDC or 250VAC, max 2A., SPST. Normal Open
RS232	

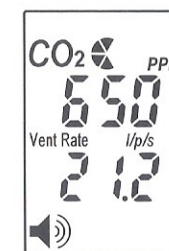
■ Power Supply Type

18~26VAC or 18~36VDC

■ General Operating Conditions

Operating Temperature : 32 ~ 122°F (0 ~ 50°C)
Storage Temperature : -4 ~ 158°F (-20 ~ 70°C)

A. Main LCD Display	H. Enter Button
B. Green LED Display	I. Screw Position
C. Yellow LED Display	J. Terminal Block
D. Red LED Display	K. Power Inlet (6VDC)
E. Mode Button	L. RJ 45 Socket
F. Up Button	M. Gas Entry Hole
G. Down Button	



(Display Features and Modes)

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