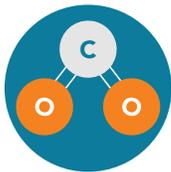




Carbon Dioxide Comparison Chart

GAS	CD-6H	CD-12H	CD-6MC	CD-12MC	CD-6G	CD-6B
Range	0-5,000PPM	0-5,000PPM	0-5,000PPM	0-5,000PPM	0-5% v/v	0-5% v/v
Voltage	12-24V	100-240V	12-24V	100-240V	12-24V	12-24V
Automatic Calibration	✓	✓				
Manual Calibration			✓	✓	✓	✓
5A & .5A Relay	✓	✓	✓	✓	✓	
4-20mA Output	✓	✓	✓	✓	✓	
Qty. 3 - 2A Relay						✓
DVP-120/1200 Compatible	✓	✓	✓	✓	✓	
Recommended Applications	IAQ Make-up Air	IAQ Make-up Air	IAQ Make-up Air	IAQ Make-up Air	Grow, Beverage, Gas Storage	Grow, Beverage, Gas Storage



CARBON DIOXIDE (CO₂) – Is produced by all aerobic organisms through the respiratory process. It is a versatile industrial material used in many different processes and products. **CO₂ is both an asphyxiant and a toxic gas.**

CO ₂ PPM (% by volume)	Health Effects and Symptoms
350-450PPM (.035-.045%)	Fresh outdoor air.
400-1,000PPM (.04-.1%)	Indoor occupied spaces with good air exchange.
1,000-2,000PPM (.1-.2%)	Complaints of drowsiness and poor air.
2,000-5,000PPM (.5-.5%) Permissible Exposure Limit (PEL): 5,000 avg./8 hrs.	Headaches and sleepiness; stagnant, stale and stuffy air. Poor concentration, loss of attention, increased heart rate and slight nausea may be present.
>5,000PPM (.5%) avg./8 Hrs.	This indicates unusual air conditions where high levels of other gases also could be present. Toxicity or oxygen deprivation could occur. This is the permissible exposure limit (PEL) for daily workplace exposures.
30,000PPM (3%) Short Term Exposure Limit (STEL): 15 min.	Moderate respiratory stimulation, increased heart rate and blood pressure.
>40,000PPM (4%) Immediately Dangerous to Life or Health (ILDH)	Exposure may lead to serious oxygen deprivation resulting in permanent brain damage, coma or death.
50,000PPM (5%)	Strong respiratory stimulation, dizziness, confusion, headache and shortness of breath.
80,000PPM (8%)	Dimmed sight, sweating, tremor, unconsciousness and possible death.