

PRACTICAL INFORMATION AND RECOMMENDATIONS REGARDING DETECTION OF DIFFERENT GASES.

Practical Tips

GAS	TYPE	SENSOR COVERAGE	MOUNTING HEIGHT	RANGE	1st LEVEL	2nd LEVEL	3rd LEVEL
Carbon Monoxide (CO)	Toxic	50 FT. RADIUS	4-6' (1200-1800mm) above finished floor	0-200PPM	35PPM	100PPM	100PPM - 30 MIN.
Nitrogen Dioxide (NO ₂)	Toxic	50 FT. RADIUS	12-18" (305-450mm) below ceiling	0-5PPM	1PPM	2PPM	3PPM
Carbon Dioxide (CO ₂)	IAQ Toxic	50 FT. RADIUS	4-6' (1200-1800mm) above finished floor	0-2000PPM 0-5000PPM 0-50,000PPM	800PPM 1000PPM	1200PPM 1500PPM	1500PPM 2000PPM
Hydrogen (H ₂)	Flammable	20 FT. RADIUS	12-18" (305-450mm) below ceiling	0-2000PPM	800PPM	1300PPM	1800PPM
Propane (C ₃ H ₈) - LPG	Flammable	20 FT. RADIUS	12-18" (305-450mm) above finished floor	0-40% LEL	20% LEL	30% LEL	40% LEL
Butane (C ₄ H ₁₀)	Flammable	20 FT. RADIUS	12-18" (305-450mm) above finished floor	0-40% LEL	20% LEL	30% LEL	40% LEL
Methane (CH ₄)	Flammable	20 FT. RADIUS	12-18" (305-450mm) below ceiling	0-40% LEL	20% LEL	30%LEL	40% LEL
Hydrogen Sulfide (H ₂ S)	Toxic	20 FT. RADIUS	12-18" (305-450mm) above finished floor	0-20PPM	5PPM	10PPM	15PPM
Sulfur Dioxide (SO ₂)	Toxic	20 FT. RADIUS	12-18" (305-450mm) above finished floor	0-10PPM	1PPM	3PPM	5PPM
Ammonia (NH ₃)	Toxic	20 FT. RADIUS	12-18" (305-450mm) below ceiling	0-100PPM	25PPM	35PPM	50PPM
Chlorine (Cl ₂)	Toxic	20 FT. RADIUS	12-18" (305-450mm) above finished floor	0-5PPM	1PPM	2PPM	3PPM
Oxygen (O ₂)	O ₂ Deficiency	20FT. RADIUS	4-6' (1200-1800mm) above finished floor	0-25%	19.5%	18%	17%
R11, R12, R22, R123 R134a, R4404...	Refrigerants Leak	20 FT. RADIUS	12-18" (305-450mm) above finished floor	0-1000PPM	200PPM	400PPM	600PPM

Note: The sensors are available with different detection ranges.