



Gases Detected with PureAire Monitors

Gas	Low Range	Standard Range	High Range	LEL Range
	PPM	PPM	PPM	
Acetylene (C ₂ H ₂)				100% LEL
Acetic (CH ₃ COOH)		0-30		
Acetone (C ₃ H ₆ O)				100% LEL
Acetonitrile (C ₂ H ₃ N)				100% LEL
Ammonia (NH ₃)	0-25	0-75		
Amyl Alcohol (C ₅ H ₁₂ O)				100% LEL
Arsine (AsH ₃)		0-1		
Boron Trichloride (BCL ₃)	0-15			
Boron Trifluoride (BF ₃)	0-9			
Bromine (Br ₂)	0-0.3	0-1	0-10	
Butane (C ₄ H ₁₀)				100% LEL
Butanol (C ₄ H ₁₀ O)				100% LEL
Butyl Acetate (C ₆ H ₁₂ O ₂)				100% LEL
Carbon Monoxide (CO)		0-100	0-1000	
Carbonyl Sulfide (COS)		0-100		
Chlorine (Cl ₂)	0-0.3	0-3	0-50	
Chlorine Dioxide (ClO ₂)	0-5			
Cyclohexane (C ₆ H ₁₂)				100% LEL
Diborane (B ₂ H ₆)		0-1		
Dichloromethane (CH ₂ Cl ₂)				100% LEL
Diethyl Ether ((C ₂ H ₅) ₂ O)				100% LEL
Dimethylamine (CH ₃) ₂ NH		0-30		
Dimethylformamide (C ₃ H ₇ NO)				100% LEL

Disilane (Si ₂ H ₆)		0-15		
Dodecane (C ₁₂ H ₂₆)				100% LEL
Ethane (C ₂ H ₆)		0-1000		100% LEL
Ethanol (C ₂ H ₅ OH)				100% LEL
Ethyl Acetate (C ₄ H ₈ O ₂)				100% LEL
Ethyl Alcohol (C ₂ H ₅ OH)		0-1000		
Ethylene Oxide (C ₂ H ₄ O)	0-20			100%LEL
Fluorine (F ₂)	0-0.3	0-3	0-30	
Formic Acid (CH ₂ O ₂)		0-15		
Gasoline				100% LEL
Germane (GeH ₄)		0-0.6		
Heptane (C ₇ H ₁₆)				100% LEL
Hexane (C ₆ H ₁₄)				100% LEL
Hydrazine (N ₂ H ₄)	0-1			
Hydrochloric Acid (HCl)(aq)	0-15			
Hydrofluoric Acid (HF)	0-9		0-30	
Hydrogen (H ₂)	0-1000	0-4000	0-4%	100% LEL
Hydrogen Bromide(HBr)	0-9	0-15		
Hydrogen Chloride(HCl)	0-2	0-15		
Hydrogen Cyanide(HCN)	0-3	0-30		
Hydrogen Fluoride(HF)		0-9		
Hydrogen Peroxide(H ₂ O ₂)		0-9		
Hydrogen Selenide(H ₂ Se)		0-0.2		
Hydrogen Sulfide(H ₂ S)	0-0.3	0-30	500	
Iodine (I ₂)		0-1		
Isobutyl (C ₄ H ₉)				100% LEL
Isopropanol				100% LEL
Isopropyl Alcohol (IPA)		0-1000		100% LEL
Kerosene				100% LEL
Methane (CH ₄)		0-1000		100% LEL
Methanol (CH ₃ OH)				100% LEL
Methyl Alcohol (CH ₃ OH)		0-1000		
Methyl Bromide(CH ₃ Br)	0-10	0-50		
Monomethylhydrazine		0-5		
Nitrate	0-9		0-15	
Nitric Acid (HNO ₃)		0-6		
Nitric Oxide (NO)		0-100		
Nitrogen Dioxide (NO ₂)	0-2	0-15		

Oxygen (O ₂)	0-1000ppm	0-25%	0-95%	
Ozone (O ₃)		0-0.3	0-3	
Phosphine (Ph ₃)		0-1		
Phosphoryl Chloride (POCl ₃)	0-15			
Propane (C ₃ H ₈)				100% LEL
Silane (SiH ₄)		0-15		
Sulfur Dioxide (SO ₂)	0-5	0-15		
Tert Butanol (C ₄ H ₁₀ O)				100% LEL
Tetrahydrofuran (C ₄ H ₈ O)				100% LEL
Toluene (C ₇ H ₈)				100% LEL
Tri-Chlorosilane		0-15		
Xylene (C ₈ H ₁₀)				100% LEL



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