

Gases Detected with PureAire Monitoring Systems

Gas	Low Range	Standard Range	High Range
	PPM	PPM	PPM
Acetylene (C ₂ H ₂)	0-200	0-500	0-2000
Acrylonitrile (AN)		0-60	0-200
Ammonia (NH ₃) ✓	0-25	0-75	0-1000
Arsine (AsH ₃) ✓	0-.2	0- 1	
Benzene (C ₂ H ₆)		0-200	
Bromine (Br ₂) ✓	0-0.3	0-1	0-10
Butadiene (C ₄ H ₆)		0-200	
Carbon Monoxide	0-50	0-100	0-1000
Chlorine (Cl ₂) ✓	0-0.3	0-3	0-50
ClF ₃ ✓		0-0.3	
Cyclohexane		0-1000	
Diborane (B ₂ H ₆) ✓		0-1	
Ethane (C ₂ H ₆)		0-1000	
Ethyl alcohol		0-1000	
Ethylene (C ₂ H ₄)		0-2000	
Ethylene Oxide	0-20	0-200	
Fluorine (F ₂) ✓	0-0.3	0-3	0-30
Formaldehyde		0-1	
Freon (HCFC)	0-50	0-100	
HFC	0-100	0-1000	
Chlorinated HC		0-30	
Germane (GeH ₄)		0-0.6	
Hydrazine (N ₂ H ₄) ✓	0-1	0-2	
Hydrogen (H ₂) ✓	0-1000	0-4000	0-4%
Hydrogen Bromide ✓		0-9	
Hydrogen Chloride ✓	0-2	0-15	0-200
Hydrogen Cyanide ✓	0-3	0-30	
Hydrogen Fluoride ✓		0-9	0-50
Hydrogen Peroxide		0-9	
Hydrogen Selenide		0-0.2	
Hydrogen Sulfide	0-0.3	0-30	0-200
Iodine (I ₂) ✓		0-1	
Isopropyl alcohol		0-1000	
MEK (CH ₃ COC ₂ H ₅)	0-20	0-200	

Methane (CH ₄)		0-1000	
Methyl alcohol		0-1000	

Gas	Low Range PPM	Standard Range PPM	High Range PPM
Methyl Bromide		0-50	
Nitric Acid (HNO ₃)	✓	0-6	
Nitric Oxide (NO)		0-100	0-1000
Nitrogen Dioxide	✓ 0-2	0-15	
NF ₃		0-30	
N ₂ O		0-1%	
Oxygen (O ₂)		0-25%	
Ozone (O ₃)	✓	0-0.3	0-3
Phosgene (COCl ₂)	0-0.3	0-1	0-5
Phosphine (Ph ₃)		0-1	
Propylene (C ₃ H ₆)		0-200	
Silane (SiH ₄)	✓	0-15	0-50
Styrene		0-200	
Sulfur Dioxide	✓ 0-5	0-15	
SF ₆		0-3000	
TBA		0-0.2	
TBP		0-0.2	
TDMAT		0-1	
TEOS		0-30	
TMP		0-30	
TMB		0-30	
Toluene (C ₆ H ₅ CH ₃)		0-200	
Vinyl Chloride	0-200	0-500	0-2000
Xylene (C ₆ H ₄ (CH ₃) ₂)		0-200	

PureAire
monitoring systems, inc.

557 Capital Drive

Lake Zurich, IL 60047

Phone: 847-726-6000 Toll Free 888-788-8050

Fax: 847-726-6051