



Gases Detected with PureAire Monitors

GAS	RANGE	PUREAIRE PRODUCT
Acetone (C ₃ H ₆ O)	0-100% LEL	95163
Acetonitrile (C ₂ H ₃ N)	0-100% LEL	95144
Arsine (AsH ₃)	0-1 ppm	99030 , 99031
Arsine (AsH ₃)	0-999 ppb	99030 , 99031
Acetic Acid (CH ₃ COOH)	30 ppm, 0-100% LEL	99030 , 99031 , 95169
Acetylene (C ₂ H ₂)	0-100% LEL	95161
Ammonia (NH ₃)	0-75ppm, 0-100ppm, 0-200ppm, 0- 300ppm, 0-1000ppm	99030 , 99031
Boron Trichloride (BCL ₃)	0-15 ppm	99030 , 99031
Boron Trifluoride (BF ₃)	9 ppm	99030 , 99031
Bromine (Br ₂)	0-1 ppm, 0-10 ppm	99030 , 99031
Butane (C ₄ H ₁₀)	0-100% LEL	95170
Butyl Acetate (C ₆ H ₁₂ O ₂)	0-100% LEL	95119
Carbon Dioxide (CO ₂)	0-10,000 ppm, 0- 50,000 ppm	99174 , 99039 , 99143 , , 99127 , 99188
Carbon Monoxide (CO)	0-100 ppm, 0-1000 ppm	95107

GAS	RANGE	PUREAIRE PRODUCT
Carbonyl Sulfide (COS)	0-50 ppm	99156
Chlorine (Cl ₂)	1 ppm, 3 ppm, 10 ppm, 50 ppm, 0-80 ppm, 200 ppm	99030 , 99031 , 95172 (0-80ppm)
Chlorine Dioxide (ClO ₂)	1 ppm, 3 ppm, 5 ppm	99030 , 99031
Cyclohexane (C ₆ H ₁₂)	0-100% LEL	95143
Diborane (B ₂ H ₆)	0-1 ppm, 0-999 ppb	99030 , 99031
Dichloromethane (CH ₂ Cl ₂)	0-100% LEL	95148
Dichlorosilane (DCS)	15 ppm	99030 , 99031
Diethyl Ether (C ₂ H ₅) ₂ O	0-100% LEL	95140
Dimethylformamide (C ₃ H ₇ NO)	0-100% LEL	95149
Dimethylamine (CH ₃) ₂ NH	0-30 ppm	99030 , 99031
Disilane (Si ₂ H ₆)	0-15 ppm	99030 , 99031
Dodecane (C ₁₂ H ₂₆)	0-100% LEL	95137
Ethane (C ₂ H ₆)	0-100% LEL	95124
Ethanol (C ₂ H ₆ O)	0-100% LEL	95125
Ethyl Acetate (C ₄ H ₈ O ₂)	0-100% LEL	95139
Ethyl Alcohol (C ₂ H ₅ OH)	0-1000 ppm	Contact PureAire
Ethylene (C ₂ H ₄)	0-100% LEL	95138

GAS	RANGE	PUREAIRE PRODUCT
Ethylene Oxide (EtO)	0-100% LEL	95126
Fluorine (F ₂)	1 ppm, 3 ppm, 30 ppm, 60 ppm	99030 , 99031
Formic Acid (CH ₂ O ₂)	15 ppm, 50 ppm	99030 , 99031
Germane (GeH ₄)	0-0.6 ppm	STX-PA – Contact PureAire
Gasoline	0-100% LEL	95131
Heptane (C ₇ H ₁₆)	0-100% LEL	95164
Hexane (C ₆ H ₁₄)	0-100% LEL	95162
Hydrazine (N ₂ H ₄)	0-1 ppm, 0-2 ppm	99030 , 99031
Hydrochloric Acid (HCl)(aq)	0-15 ppm, 0-20 ppm, 0-50 ppm	99030 , 99031
Hydrofluoric Acid (HF)	0-9 ppm, 0-30 ppm	99030 , 99031
Hydrogen (H ₂)	0-1%, 0-4%, 0-100% LEL	99030 , 99031 , 95132
Hydrogen Bromide (HBr)	0-9 ppm, 0-15 ppm, 0-20 ppm	99030 , 99031
Hydrogen Chloride (HCl)	0-200 ppm	95173
Hydrogen Cyanide (HCN)	0-3 ppm, 0-30 ppm	99030 , 99031
Hydrogen Peroxide (H ₂ O ₂)	0-9 ppm	99030 , 99031
Hydrogen Selenide (H ₂ Se)	0-1 ppm	99030 , 99031
Hydrogen Sulfide (H ₂ S)	0-30 ppm, 200 ppm, 500 ppm	99030 , 99031 , 95122 , 95165 , 95166
Iodine (I ₂)	0-1 ppm, 0-3 ppm	99030 , 99031

GAS	RANGE	PUREAIRE PRODUCT
Isobutyl	0-100% LEL	95134
Isopropyl Alcohol (IPA) Isopropanol	0-1000 ppm, 0-100% LEL	95114 , 95147
Kerosene	0-100% LEL	95136
Methane (CH ₄)	0-100% LEL	95135
Methanol (CH ₃ OH)	0-100% LEL	95146
Methyl Bromide (CH ₃ Br)	0-10 ppm, 0-50 ppm	99067, 99072
Monomethylhydrazine (MMH)	0-5 ppm	99031
Nitrate (NO ₃ -)	0-9 ppm, 0-15 ppm	99030 , 99031
Nitric Acid (HNO ₃)	0-5 ppm, 0-6 ppm	99030
Nitric Oxide (NO)	0-100 ppm	STX-PA – Contact PureAire
Nitrogen Dioxide (NO ₂)	0-2 ppm, 0-9 ppm, 0- 15 ppm	99030 , 99031
Oxygen (O ₂)	0-10 ppb/ppm, 0- 100 ppm, 0-1000 ppm, 0-25%, 0-30%, 0-95%	99097 , 99016 , 99040 , 99035 , 99028 , 99029 , 99039 , 99020 , 99143 , 99118 , 99021 , 99127 , 99045 , 99188 , 99197 , 99201
Ozone (O ₃)	0-0.3 ppm, 0-1 ppm, 0-3 ppm, 0-300 ppm	99030 , 99031
Phosphine (PH ₃)	0.03 ppm, 0-1 ppm, 0-999 ppb	99030 , 99031
Phosphoryl Chloride (POCl ₃)	0-15 ppm	99030 , 99031
Propane (C ₃ H ₈)	0-100% LEL	95133
Silane (SiH ₄)	0-15 ppm	99030 , 99031

GAS	RANGE	PUREAIRE PRODUCT
Sulfur Dioxide (SO ₂)	0-15 ppm, 0-20 ppm	99030 , 99031
Tert Butanol (C ₄ H ₁₀ O)	0-100% LEL	95142
Tetrahydrofuran (C ₄ H ₈ O)	0-100% LEL	95145
Toluene (C ₇ H ₈)	0-100% LEL	95141
Tri-Chlorosilane (SiHCl ₃)	0-15 ppm	99030 , 99031
Triethylamine (C ₆ H ₁₅ N)	0-30 ppm	99031
Xylene (C ₈ H ₁₀)	0-100% LEL	95130

**** Please contact PureAire for any gases or ranges not listed here ****



1140 Ensell Road
 Lake Zurich, Illinois 60047
 (847)726-6000
www.pureairemonitoring.com
info@pureaire.net