



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 , 99122 , 99139 , 99176 , 99188 , 99144 , 99150 , 99151, 99152, 99191 , 99224, 99230
Carbon Monoxide (CO)	0-100 ppm, 0-1000 ppm	95107 , 98101(0-100ppm)
Carbonyl Sulfide (COS)	0-50 ppm	99156

GAS	RANGE	PUREAIRE PRODUCT
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	98005
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
Ethylene Oxide (EtO)	0-100% LEL	95126
Fluorine (F ₂)	1 ppm, 3 ppm, 30 ppm, 60 ppm	99030 , 99031

GAS	RANGE	PUREAIRE PRODUCT
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	98008
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
Hydrogen Fluoride (HF)	0-9 ppm, 0-30 ppm	99030 , 99031
Hydrogen (H ₂)	0-1%, 0-4%, 0-100% LEL	99030 , 99031 , 98001 , 98110 (0-5,000pm)
Hydrogen Bromide (HBr)	0-9 ppm, 0-15 ppm, 0-20 ppm	99030 , 99031
Hydrogen Chloride (HCl)	0-15 ppm, 0-20 ppm, 0-50 ppm, 0-200 ppm	99030 , 99031 , 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	99030 , 99031 , 95165
Iodine (I ₂)	0-1 ppm, 0-3 ppm	99030 , 99031
Isobutyl	0-100% LEL	95134
Isopropyl Alcohol (IPA) Isopropanol	0-1000 ppm, 0-100% LEL	95114 , 95147

GAS	RANGE	PUREAIR PRODUCT
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	98112 (0-250ppm)
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 , 99132 , 99143 , 99118 , 99021 , 99133 , 99134 , 99136 , 99188 , 99197 , 99201 , 99017 , 99018 , 99019 , 99033, 99048 , 99059 , 99060 , 99062, 99066 , 99082, 99087, 99092 , 99095, 99102, 99109, 99111, 99116 , 99117 , 99119 , 99120, 99121 , 99122 , 99128 , 99129 , 99130 , 99139 , 99141 , 99142 , 99144 , 99145 , 99146 , 99148, 99149 , 99150 , 99151, 99152, 99153, 99157, 99158, 99166 , 99167, 99171 , 99176 , 99178 , 99180, 99182, 99190, 99200, 99204, 99218, 99230
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 ****



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