

Detected Gases & Displayed Classes

Class	PureAire Displayed Text	Class Description	No. of Carbons	Gas	Formula	% Volume of gas at 100%LEL (ISO 10156)	Accuracy (0-50%LEL)
0	SENSING.	No Gas					
1	H2	Hydrogen	0	Hydrogen	H2	4.0 %Vol	±5 %LEL
2	H2 MIX	Hydrogen Mixture	Varies	Hydrogen + Flam	H2 + CxHxOx	—	—
3	CH4	Methane/Natural Gas	0-2	Methane	CH4	5.0 %Vol	±3 %LEL
4	LITE GAS	Light Gas	1-4	Ethylene	C2H4	2.7 %Vol	-12 %LEL
				Ethane	C2H6	3.0 %Vol	±5 %LEL
				Propylene	C3H6	2.4 %Vol	±5 %LEL
				Propane	C3H8	2.1 %Vol	±7 %LEL
				Isopropanol	C3H8O	2.0 %Vol	±10 %LEL
				Isobutylene	C4H8	1.8 %Vol	±5 %LEL
				Isobutane	HC(CH3)3	1.8 %Vol	±5 %LEL
5	MED. GAS	Medium Gas	2-8	Acetone	C3H6O	2.5 %Vol	±20 %LEL
				Methyl Ethyl Ketone (MEK)	C4H8O	1.4 %Vol	±5 %LEL
				Pentane	C5H12	1.5 %Vol	±7 %LEL
				Heptane	C7H16	1.1 %Vol	±12 %LEL
6	HVY. GAS	Heavy Gas	6+	Toluene	C7H8	1.2 %Vol	±12 %LEL
				Styrene	C8H8	1.1 %Vol	-20 %LEL
				Xylene	C8H10	1.1 %Vol	±12 %LEL
				Octane	C8H18	1.0 %Vol	±12 %LEL
-	OVR. RNG	>100% LEL					