

Hydrogen Sulfide



Balance Gas	(M)SDS Range	(M)SDS	Regulator Recommendations	Page
Air	5 - 1000 ppm	P-18-0135-A	Single Stage PRS40223331-CGA	E•248
Helium	0.1 ppm - 4.6%	P-18-0068-A	Two Stage PRS40323331-CGA	E•247
	4.7 - 10%	P-18-0468	Line PRS40252001-000	E•249
Hydrogen	1 ppm - 10%	P-18-0333		
Methane	1 ppm - 3%	P-18-0123-B		
Nitrogen	1 ppm - 6.7%	P-18-0105-A		
	6.71 - 14.23%	P-18-0469-A		

Balance Gas	Concentration Range	CGA	Praxair Grades*						Cylinder Style	Pressure psig	Contents	
			E	N	M	P	C	U			ft ³	m ³
Air	0.2 ppm - 2.15% ⁽¹⁾ L.E.L. 4.3%	330	•	•	•	•	•	•	AS	2000	146	4.13
			•	•	•	•	•	•	AQ	2200	84	2.38
			•	•	•	•	•	•	A3	2200	32	0.91
Helium	0.2 ppm - 50%	330				•	•	•	AS	2000	135	3.82
						•	•	•	AQ	2200	78	2.21
						•	•	•	A3	2200	29	0.82
Hydrogen	0.2 ppm - 50%	330				•	•	•	AS	2000	133	3.77
						•	•	•	AQ	2200	77	2.18
						•	•	•	A3	2200	29	0.82
Methane	0.2 ppm - 50%	330				•	•	•	AS	2000	173	4.90
						•	•	•	AQ	2200	100	2.83
						•	•	•	A3	2200	38	1.08
Nitrogen	0.2 ppm - 50% ⁽¹⁾⁽²⁾	330	•	•	•	•	•	•	AS	2000	209	5.92
			•	•	•	•	•	•	AQ	2200	70	1.98
			•	•	•	•	•	•	A3	2200	35	0.99

⁽¹⁾ Available concentrations for NIST traceable mixtures to be determined by available reference materials.

⁽²⁾ Cylinder pressure and contents will vary proportionately at higher concentrations.

* **Key for Praxair Mixture Grades** (Refer to page C•92 for complete specification details.)

EPA (E), Primary Master (PM), Certified Master (CM), Primary Standard (P),

Certified Standard (C), Non-Certified Standard (U)