

Balance Gases	Range	MSDS	MSDS Range
Air	0.5 ppm - 2.5%	P-18-0101	
Argon	0.5 ppm - 99.5%	P-18-0097 P-18-0128	1 ppm - 10% 10.1 - 50% ⁽¹⁾
Helium	0.5 ppm - 99.5%	P-18-0098 P-18-0129	1 ppm - 10.1% 10.2 - 50% ⁽¹⁾
Hydrogen	0.5 ppm - 99.5%	P-18-0116	1 ppm - 50% ⁽¹⁾
Nitrogen	0.5 ppm - 99.5%	P-18-0110 P-18-0506	1 ppm - 14.3 14.31 - 50% ⁽²⁾

Regulator Recommendations		Page
Single Stage	PRX4023331-CGA	F6
Two Stage	PRX4123331-CGA	F5
Line	PRX4052001-000	F7

Balance Gas	Concentration Range	Reference Number	Praxair Grades*	Cylinder Style	CGA	Contents		Pressure	
						ft ³	m ³	psig	bar
Air	0.5-9.9 ppm	AI MER1	EV ⁽²⁾ , ST	AS	590	146	4.13	2000	137.90
				AQ	590	84	2.38	2200	151.68
				A3	590	32	0.91	2200	151.68
				AS	590	146	4.13	2000	137.90
				AQ	590	84	2.38	2200	151.68
				A3	590	32	0.91	2200	151.68
				K	590	215	6.09	2000	137.90
				Q	590	72	2.04	2000	137.90
				G	590	36	1.02	2000	137.90
	10-999 ppm	AI MER2	EV ⁽²⁾ , ST	AS	590	146	4.13	2000	137.90
				AQ	590	84	2.38	2200	151.68
				A3	590	32	0.91	2200	151.68
				K	590	215	6.09	2000	137.90
				Q	590	72	2.04	2000	137.90
				G	590	36	1.02	2000	137.90
				AS	590	146	4.13	2000	137.90
				AQ	590	84	2.38	2200	151.68
				A3	590	32	0.91	2200	151.68
	1000-9999 ppm	AI MER3	EV ⁽²⁾ , ST	AS	590	146	4.13	2000	137.90
				AQ	590	84	2.38	2200	151.68
				A3	590	32	0.91	2200	151.68
				K	590	215	6.09	2000	137.90
				Q	590	72	2.04	2000	137.90
				G	590	36	1.02	2000	137.90
AS				590	146	4.13	2000	137.90	
AQ				590	84	2.38	2200	151.68	
A3				590	32	0.91	2200	151.68	
1-2.5%	AI MER4	ST	AS	590	146	4.13	2000	137.90	
			AQ	590	84	2.38	2200	151.68	
			A3	590	32	0.91	2200	151.68	
			K	590	215	6.09	2000	137.90	
			Q	590	72	2.04	2000	137.90	
			G	590	36	1.02	2000	137.90	
			AS	590	146	4.13	2000	137.90	
			AQ	590	84	2.38	2200	151.68	
			A3	590	32	0.91	2200	151.68	
L.E.L. 5.0%				AS	590	146	4.13	2000	137.90
				AQ	590	84	2.38	2200	151.68
				A3	590	32	0.91	2200	151.68
				K	590	215	6.09	2000	137.90
				Q	590	72	2.04	2000	137.90
				G	590	36	1.02	2000	137.90
				AS	590	146	4.13	2000	137.90
				AQ	590	84	2.38	2200	151.68
				A3	590	32	0.91	2200	151.68
Argon	0.5-9.9 ppm	AR MER1	ST	AS	350	153	4.33	2000	137.90
				AQ	350	89	2.52	2200	151.68
				A3	350	33	0.93	2200	151.68
				AS	350	153	4.33	2000	137.90
				AQ	350	89	2.52	2200	151.68
				A3	350	33	0.93	2200	151.68
				K	350	226	6.40	2000	137.90
				Q	350	75	2.12	2000	137.90
				G	350	38	1.08	2000	137.90
	10-999 ppm	AR MER2	ST	AS	350	153	4.33	2000	137.90
				AQ	350	89	2.52	2200	151.68
				A3	350	33	0.93	2200	151.68
				K	350	226	6.40	2000	137.90
				Q	350	75	2.12	2000	137.90
				G	350	38	1.08	2000	137.90
				AS	350	153	4.33	2000	137.90
				AQ	350	89	2.52	2200	151.68
				A3	350	33	0.93	2200	151.68
1000-9999 ppm	AR MER3	ST	AS	350	153	4.33	2000	137.90	
			AQ	350	89	2.52	2200	151.68	
			A3	350	33	0.93	2200	151.68	
			K	350	226	6.40	2000	137.90	
			Q	350	75	2.12	2000	137.90	
			G	350	38	1.08	2000	137.90	
			AS	350	153	4.33	2000	137.90	
			AQ	350	89	2.52	2200	151.68	
			A3	350	33	0.93	2200	151.68	

⁽¹⁾ For concentrations above 50%, MSDS for inverse mixture applies (i.e. Argon in Methane).

⁽²⁾ Environmental grades available 1 ppm to 1000 ppm in Air and Nitrogen balance only.