

Balance Gases	Range	MSDS ⁽¹⁾	MSDS Range
Air	0.5 ppm - 6%	P-18-0016	
Argon	0.5 ppm - 99%	P-18-0073 P-18-0454	0.5 ppm - 11.1% 11.2 - 50%
Helium	0.5 ppm - 99%	P-18-0074 P-18-0455	0.5 ppm - 14.3% 14.31 - 50%
Hydrogen	0.5 ppm - 99%	P-18-0115	0.5 ppm - 50% ⁽¹⁾
Nitrogen	0.5 ppm - 99%	P-18-0160 P-18-0456	0.5 ppm - 20% 20.1 - 50%

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 COR1	EV ⁽²⁾ , ST	AS	590	146	4.13	2000	137.90
				AQ	590	85	2.41	2200	151.68
				A3	590	32	0.91	2200	151.68
	10-999 ppm	AI COR2	EV ⁽²⁾ , ST	AS	590	146	4.13	2000	137.90
				AQ	590	85	2.41	2200	151.68
				A3	590	32	0.91	2200	151.68
				K	590	216	6.12	2000	137.90
				Q	590	72	2.04	2000	137.90
				AS	590	146	4.13	2000	137.90
	1000-9999 ppm	AI COR3	EV ⁽²⁾ , ST	AQ	590	85	2.41	2200	151.68
				A3	590	32	0.91	2200	151.68
				K	590	216	6.12	2000	137.90
				Q	590	72	2.04	2000	137.90
				AS	590	146	4.13	2000	137.90
				AQ	590	85	2.41	2200	151.68
	1-6%	AI COR4	EV ⁽²⁾ , ST	A3	590	32	0.91	2200	151.68
				K	590	216	6.12	2000	137.90
				Q	590	72	2.04	2000	137.90
				AS	590	146	4.13	2000	137.90
				AQ	590	85	2.41	2200	151.68
A3				590	32	0.91	2200	151.68	
L.E.L. 12%			K	590	216	6.12	2000	137.90	
			Q	590	72	2.04	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	
			A3	350	33	0.93	2200	151.68	
Argon	0.5-9.9 ppm	AR COR1	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
	10-999 ppm	AR COR2	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	76	2.15	2000	137.90
				AS	350	153	4.33	2000	137.90
	1000-9999 ppm	AR COR3	ST	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	76	2.15	2000	137.90
				AS	350	153	4.33	2000	137.90
				AQ	350	89	2.52	2200	151.68
	1.0-11.10%	AR COR4	ST	A3	350	33	0.93	2200	151.68
				K	350	226	6.40	2000	137.90
				Q	350	76	2.15	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	
11.2 - 50%	AR COR5	ST	K	350	226	6.40	2000	137.90	
			Q	350	76	2.15	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	
			K	350	186	5.27	1600	114.45	
			Q	350	62	1.76	1600	114.45	

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

(2) Environmental grades available 5 ppm to 50% in Air or Nitrogen balance only.