

Balance Gases	Range	MSDS	MSDS Range
Air	1 ppm - 1.5%	P-18-0093	
Helium	1 ppm - 50%	P-18-0112 P-18-0130	1 ppm - 8.4% 8.41 - 50%
Nitrogen	1 ppm - 50%	P-18-0099 P-18-0459	1 ppm-12% 12.1 - 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	1-9.9 ppm	AI ETR1	ST	AS	590	146	4.13	2000	137.90
				K	590	215	6.09	2000	137.90
				Q	590	72	2.04	2000	137.90
	10-999 ppm	AI ETR2	ST	AS	590	146	4.13	2000	137.90
				K	590	215	6.09	2000	137.90
				Q	590	72	2.04	2000	137.90
	1000-9999 ppm	AI ETR3	ST	AS	590	146	4.13	2000	137.90
				K	590	215	6.09	2000	137.90
				Q	590	72	2.04	2000	137.90
	1-1.5% ⁽¹⁾	AI ETR4	ST	AS	590	146	4.13	2000	137.90
				K	590	215	6.09	2000	137.90
				Q	590	72	2.04	2000	137.90
L.E.L. 3.0%				FX	590	66	1.87	240	16.55
Helium	1-9.9 ppm	HE ETR1	ST	AS	350	134	3.79	2000	137.90
				K	350	198	5.61	2000	137.90
				Q	350	66	1.87	2000	137.90
	10-999 ppm	HE ETR2	ST	AS	350	134	3.79	2000	137.90
				K	350	198	5.61	2000	137.90
				Q	350	66	1.87	2000	137.90
	1000-9999 ppm	HE ETR3	ST	AS	350	134	3.79	2000	137.90
				K	350	198	5.61	2000	137.90
				Q	350	66	1.87	2000	137.90
	1.0-8.4 %	HE ETR4	ST	AS	350	134	3.79	2000	137.90
				K	350	198	5.61	2000	137.90
				Q	350	66	1.87	2000	137.90
8.41-50% ⁽¹⁾	HE ETR5	ST	AS	350	134	3.79	2000	137.90	
			K	350	198	5.61	2000	137.90	
			Q	350	66	1.87	2000	137.90	
				FX	350	66	1.87	240	16.55
Nitrogen	1-9.9 ppm	NI ETR1	ST	AS	350	149	4.22	2000	137.90
				K	350	221	6.26	2000	137.90
				Q	350	74	2.10	2000	137.90
	10-999 ppm	NI ETR2	ST	AS	350	149	4.22	2000	137.90
				K	350	221	6.26	2000	137.90
				Q	350	74	2.10	2000	137.90
	1000-9999 ppm	NI ETR3	ST	AS	350	149	4.22	2000	137.90
				K	350	221	6.26	2000	137.90
				Q	350	74	2.10	2000	137.90
	1-12%	NI ETR4	ST	AS	350	149	4.22	2000	137.90
				K	350	221	6.26	2000	137.90
				Q	350	74	2.10	2000	137.96
12.1-50% ⁽¹⁾	NI ETR5	ST	AS	350	149	4.22	2000	137.90	
			K	350	221	6.26	2000	137.90	
			Q	350	74	2.10	2000	137.96	
				FX	350	67	1.90	240	16.55

⁽¹⁾ Cylinder pressure and contents will vary proportionately at higher concentrations.

* **Key for Praxair Grades** (Refer to D1 for complete specification details).
ST – Standard grades include Primary (**P**), Certified (**C**), Non-Certified (**U**) and Custom (**Z**).

When ordering, combine the Reference Number with the Grade and Cylinder Style identification to obtain the complete part number. Please also specify the desired concentration.

