

Balance Gases	Range	MSDS
Air	1 ppm -5000 ppm	P-18-0357
Helium	1 ppm -5000 ppm	P-18-0471
Nitrogen	1 ppm -5000 ppm	P-18-0472

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 IYR1	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 IYR2	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	
	1000-5000 ppm ⁽¹⁾	AI IYR3	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	
Helium	1-9.9 ppm	HE IYR1	ST	AS	350	135	3.82	2000	137.90	
				K	350	199	5.64	2000	137.90	
				Q	350	67	1.90	2000	137.90	
	10-999 ppm	HE IYR2	ST	AS	350	135	3.82	2000	137.90	
				K	350	199	5.64	2000	137.90	
				Q	350	67	1.90	2000	137.90	
	1000-5000 ppm ⁽¹⁾	HE IYR3	ST	AS	350	135	3.82	2000	137.90	
				K	350	199	5.64	2000	137.90	
				Q	350	67	1.90	2000	137.90	
	Nitrogen	1-9.9 ppm	NI IYR1	ST	AS	350	142	4.02	2000	137.90
					K	350	209	5.92	2000	137.90
					Q	350	70	1.98	2000	137.90
10-999 ppm		NI IYR2	ST	AS	350	142	4.02	2000	137.90	
				K	350	209	5.92	2000	137.90	
				Q	350	70	1.98	2000	137.90	
1000-5000 ppm ⁽¹⁾		NI IYR3	ST	AS	350	142	4.02	2000	137.90	
				K	350	209	5.92	2000	137.90	
				Q	350	70	1.98	2000	137.90	

⁽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.

