

Mixtures



Argon

Balance Gases	Range	MSDS	MSDS Range
Helium	1 ppm - 99.9%	P-18-0008	1 ppm - 50% ⁽¹⁾
Hydrogen	1 ppm - 99.9%	P-18-0009	1 ppm - 50% ⁽¹⁾
Nitrogen	1 ppm - 99.9%	P-18-0007	1 ppm - 50% ⁽¹⁾

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
Helium	1-9.9 ppm	HE ARR1	ST	AS	580	135	3.82	2000	137.90
				AQ	580	78	2.21	2200	151.68
				A3	580	26	0.82	2200	151.68
	10-999 ppm	HE ARR2	ST	AS	580	135	3.82	2000	137.90
				AQ	580	78	2.21	2200	151.68
				A3	580	29	0.82	2000	137.90
				K	580	199	5.64	2000	137.90
				Q	580	67	1.90	2000	137.90
				G	580	34	0.96	2000	137.90
	1000-9999 ppm	HE ARR3	ST	AS	580	135	3.82	2000	137.90
				AQ	580	78	2.21	2200	151.68
				A3	580	29	0.82	2000	137.90
				K	580	199	5.64	2000	137.90
				Q	580	67	1.90	2000	137.90
				G	580	34	0.96	2000	137.90
	1.0-50%	HE ARR4	ST	AS	580	135	3.82	2000	137.90
				AQ	580	78	2.21	2200	151.68
				A3	580	29	0.82	2000	137.90
				K	580	199	5.64	2000	137.90
				Q	580	67	1.90	2000	137.90
G				580	34	0.96	2000	137.90	
Hydrogen	1-9.9 ppm	HY ARR1	ST	AS	350	133	3.77	2000	137.90
				AQ	350	77	2.18	2200	151.68
				A3	350	29	0.82	2200	151.68
	10-999 ppm	HY ARR2	ST	AS	350	133	3.77	2000	137.90
				AQ	350	77	2.18	2200	151.68
				A3	350	29	0.82	2200	151.68
				K	350	196	5.55	2000	137.90
				Q	350	65	1.84	2000	137.90
				G	350	33	0.93	2000	137.90
	1000-9999 ppm	HY ARR3	ST	AS	350	133	3.77	2000	137.90
				AQ	350	77	2.18	2200	151.68
				A3	350	29	0.82	2200	151.68
				K	350	196	5.55	2000	137.90
				Q	350	65	1.84	2000	137.90
				G	350	33	0.93	2000	137.90
	1.0-50%	HY ARR4	ST	AS	350	133	3.77	2000	137.90
				AQ	350	77	2.18	2200	151.68
				A3	350	29	0.82	2200	151.68
				K	350	196	5.55	2000	137.90
				Q	350	65	1.84	2000	137.90
G				350	33	0.93	2000	137.90	

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

* **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.

