



# Gas Mixtures – Multipurpose Two Component

## Hexafluoropropylene

Equipment Recommendations	Model No.
Single Stage Regulator	Series 3530-CGA*
Mini High Purity Regulator	Series 3550-180
Low Dead Volume Regulator (for Concentrations < 50ppm)	Series 3590-CGA*

Gas Mixtures

Balance Gas	Concentration Range	Matheson Mixtures Grades						Cylinder Size	CGA*	Contents		Pressure		Approximate Ship Weight	
		MR	P	C+	C	U	G			US	Metric	psig	kPa	lb	kg
Air	1 ppm - 50 ppm			•	•			1R	590	145 ft <sup>3</sup>	4.05 m <sup>3</sup>	2,000	13,790	70	32
								2R	590	78 ft <sup>3</sup>	2.21 m <sup>3</sup>	2,000	13,790	48	22
								3R	590	29 ft <sup>3</sup>	0.82 m <sup>3</sup>	2,000	13,790	24	11
								6R	180	3.73 ft <sup>3</sup>	106 L	1,800	12,411	2	1
	50 ppm - 3 %			•	•	•		1R	590	145 ft <sup>3</sup>	4.05 m <sup>3</sup>	2,000	13,790	70	32
								2R	590	78 ft <sup>3</sup>	2.21 m <sup>3</sup>	2,000	13,790	48	22
								3R	590	29 ft <sup>3</sup>	0.82 m <sup>3</sup>	2,000	13,790	24	11
								6R	180	3.73 ft <sup>3</sup>	106 L	1,800	12,411	2	1
Helium	1 ppm - 50 ppm			•	•			1R	590	136 ft <sup>3</sup>	3.85 m <sup>3</sup>	2,000	13,790	70	32
								2R	590	73 ft <sup>3</sup>	2.07 m <sup>3</sup>	2,000	13,790	48	22
								3R	590	27 ft <sup>3</sup>	0.77 m <sup>3</sup>	2,000	13,790	24	11
								6R	180	3.89 ft <sup>3</sup>	99 L	1,800	12,411	2	1
	50 ppm - 3%			•	•	•		1A	580	202 ft <sup>3</sup>	5.72 m <sup>3</sup>	2,000	13,790	133	60
							•	2	580	79 ft <sup>3</sup>	2.24 m <sup>3</sup>	2,000	13,790	74	34
								3	580	34 ft <sup>3</sup>	0.96 m <sup>3</sup>	2,000	13,790	39	18
								6R	180	3.51 ft <sup>3</sup>	99 L	1,800	12,411	2	1
Nitrogen	1 ppm - 50 ppm			•	•			1R	580	143 ft <sup>3</sup>	4.05 m <sup>3</sup>	2,000	13,790	70	32
								2R	580	77 ft <sup>3</sup>	2.18 m <sup>3</sup>	2,000	13,790	48	22
								3R	580	29 ft <sup>3</sup>	0.82 m <sup>3</sup>	2,000	13,790	24	11
								6R	180	3.69 ft <sup>3</sup>	104 L	1,800	12,411	2	1
	50 ppm - 3%			•	•	•		1A	580	213 ft <sup>3</sup>	6.03 m <sup>3</sup>	2,000	13,790	133	60
								2	580	83 ft <sup>3</sup>	2.35 m <sup>3</sup>	2,000	13,790	74	34
								3	580	35 ft <sup>3</sup>	0.99 m <sup>3</sup>	2,000	13,790	39	18
								6R	180	3.69 ft <sup>3</sup>	104 L	1,800	12,411	2	1

Contents and pressure may vary with concentration and ambient temperature.

**Key for Matheson Mixtures Grades:**

MR = Matheson Reference Standard  
P = Primary Standard

C+ = Certified Plus Standard  
C = Certified Standard

U = Unanalyzed Standard  
G = Gravimetric Standard