



Gas Mixtures – Multipurpose Two Component

Halocarbon 134A 1,1,1,2-Tetrafluoroethane

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*

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	10 ppm - 1000 ppm		•	•	•			1R	590	145 ft ³	4.11 m ³	2,000	13,790	70	32
								2R	590	78 ft ³	2.21 m ³	2,000	13,790	48	22
								3R	590	29 ft ³	0.82 m ³	2,000	13,790	24	11
								6R	180	3.73 ft ³	106 L	1,800	12,411	2	1
Nitrogen	100 ppb - 10 ppm			•	•			1I	350	143 ft ³	4.05 m ³	2,000	13,790	70	32
								2I	350	77 ft ³	2.18 m ³	2,000	13,790	48	22
								3I	350	29 ft ³	0.82 m ³	2,000	13,790	24	11
								6I	180	3.69 ft ³	104 L	1,800	12,411	2	1
	10 ppm - 1000 ppm		•	•	•			1R	350	143 ft ³	4.05 m ³	2,000	13,790	70	32
								2R	350	77 ft ³	2.18 m ³	2,000	13,790	48	22
								3R	350	29 ft ³	0.82 m ³	2,000	13,790	24	11
								6R	180	3.69 ft ³	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