



ADVANCED SPECIALTY GASES®

135 CATRON DRIVE RENO, NV 89512
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MIL-SPEC Refrigerant Gas **R-404a (Halocarbon 404a)**

Chemical Formula: CHF₂CF₃, CH₃CF₃, CH₂FCF₃

DOT name: Refrigerant gas R 404A

Hazard Class: 2.2

UN#: 3337

CAS#: 354-33-6, 420-46-2, 811-97-2

Chemical Parameter	AHRI Requirements	Typical Analysis	Units
R-404a, Assay	97.98	99.15	%
Air & Other Non-condensable Gas (NCG)	1.5	0.77	% by volume @ 25°C
Water	10	8	ppm by weight
All Other Volatile Impurities	0.5	0.07	% by weight
High Boiling Residue	0.01	<0.01	% by volume
Halogenated Unsaturated Volatile Impurities	40	<40	ppm by weight
Particulates/ Solids	Pass	pass	Visually clean to pass
Acidity	1	<1.0	ppm by weight
Chloride	Pass	pass	No visible turbidity