



ADVANCED SPECIALTY GASES®

135 CATRON DRIVE RENO, NV 89512
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MIL-SPEC Refrigerant Gas

R-236fa (Halocarbon 236fa, C₃H₂F₆, 1,1,1,3,3,3-hexafluoropropane)

Chemical Formula: C₃H₂F₆

DOT name: 1,1,1,3,3,3-hexafluoropropane

Hazard Class: 2.2

UN#: 3163

CAS#: 690-39-1

Chemical Parameter	AHRI Requirements	Typical Analysis	Units	Test Method
R-236fa, Assay	97.98	99.74	%	
Air & Other Non-condensable Gas (NCG)	1.5	0.21	% by volume @ 25°C	Appx. C to AHRI 700 Part 5
Water	10	2	ppm by weight	Appx. C to AHRI 700 Part 2
All Other Volatile Impurities	0.5	0.04	% by weight	Appx. C to AHRI 700 Part 9
High Boiling Residue	0.01	<0.01	% by volume	Appx. C to AHRI 700 Part 3
Halogenated Unsaturated Volatile Impurities	40	18	ppm by weight	Appx. C to AHRI 700 Part 9
Particulates/ Solids	Pass	Pass	Visually clean to pass	Appx. C to AHRI 700 Part 3
Acidity	1	<0.2	ppm by weight	Appx. C to AHRI 700 Part 1
Chloride	Pass	Pass	No visible turbidity	Appx. C to AHRI 700 Part 4