



ADVANCED SPECIALTY GASES®

135 CATRON DRIVE RENO, NV 89512
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MIL-SPEC Refrigerant Gas **R-402a (Halocarbon 402a)**

Chemical Formula: CHClF_2 , CHF_2CF_3 , $\text{CH}_3\text{CH}_2\text{CH}_3$

DOT name: Liquefied Gas, n.o.s. (Chlorodifluoromethane, Pentafluoroethane, propane)

Hazard Class: 2.2

UN#: 3163

CAS#: 75-45-6, 354-33-6, 74-98-6

Chemical Parameter	AHRI Requirements	Typical Analysis	Units
R-402a, Assay	97.98	98.88	%
Air & Other Non-condensable Gas (NCG)	1.5	1.0	% by volume @ 25°C
Water	10	10	ppm by weight
All Other Volatile Impurities	0.5	0.10	% 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