



# ADVANCED SPECIALTY GASES®

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

**Chemical Formula:**  $\text{CHClF}_2$ ,  $\text{CHF}_2\text{CF}_3$ ,  $\text{CH}_3\text{CH}_2\text{CH}_3$

**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-402b, 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