

Product Specification

HARP[®] 412A

ASHRAE Number: R412A
 Composition:

<u>Component name</u>		<u>Chemical Formula</u>	<u>CAS Number</u>	<u>Composition</u>
Chlorodifluoromethane	(R22)	CHClF ₂	75-45-6	70 +/- 2 %w/w
Octafluoropropane	(R218)	CF ₃ CF ₂ CF ₃	76-19-7	5 +/- 2 %w/w
1-Chloro-1,1-difluoroethane	(R142b)	CH ₃ CClF ₂	75-68-3	25 +/- 1 %w/w

Guaranteed Specifications

(Methods defined by the Air-Conditioning and Refrigeration Institute (ARI) Standard 700-95)

Purity	Minimum	99.5	%w/w
Water content	Maximum	10.0	ppm w/w
Non-Condensable Gas (vapour phase)	Maximum	1.5	% v/v
High boiling residue	Maximum	0.01	% w/w
Acidity (as HCl)	Maximum	1.0	ppm w/w
Chloride	No visible turbidity	Pass	
Appearance	Clear and colourless liquefied gas		

For toxicological and health and safety information, please consult our Material Safety Data Sheet.

Issue No.1
 Reviewed by GJC, February 2004.

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