

## Product Specification

# HARP<sup>®</sup> 412A

ASHRAE Number: R412A  
 Composition:

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

## Guaranteed Specifications

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.

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