

Product Specification

HARP[®] 409A

ASHRAE Number: R409A
 Composition:

| <u>Component name</u> | | <u>Chemical Formula</u> | <u>CAS Number</u> | <u>Composition</u> |
|------------------------------------|---------|-----------------------------------|-------------------|--------------------|
| Chlorodifluoromethane | (R22) | CHClF ₂ | 75-45-6 | 60 +/- 2 %w/w |
| 1-Chloro-1,1-difluoroethane | (R142b) | CH ₃ CClF ₂ | 75-68-3 | 15 +/- 1 %w/w |
| 2-Chloro-1,1,1,2-tetrafluoroethane | (R124) | CHClFCF ₃ | 2837-89-0 | 25 +/- 2 %w/w |

Guaranteed Specifications

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

| | | | |
|------------------------------------|------------------------------------|------|---------|
| Purity | Minimum | 99.0 | %w/w |
| Water content | Maximum | 20.0 | ppm w/w |
| Non-Condensable Gas (vapour phase) | Maximum | 1.5 | % v/v |
| High boiling residue | Maximum | 0.05 | % w/w |
| Acidity (as HCl) | Maximum | 5.0 | 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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 Reviewed by CJC, February 2004.

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