

## Product Specification

# HARP<sup>®</sup> 404A

ASHRAE Number: R404A  
 Composition:

<u>Component name</u>		<u>Chemical Formula</u>	<u>CAS Number</u>	<u>Composition</u>
1,1,1-Trifluoroethane	(R143a)	CH <sub>3</sub> CF <sub>3</sub>	420-46-2	52 +/- 1 %w/w
Pentafluoroethane	(R125)	CHF <sub>2</sub> CF <sub>3</sub>	354-33-6	44 +/- 2 %w/w
1,1,1,2-Tetrafluoroethane	(R134a)	CH <sub>2</sub> FCF <sub>3</sub>	811-97-2	4 +/- 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	15.0	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	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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 Reviewed by CJC, February 2004.

**Harp International Limited**  
 Gellihirion Industrial Estate, Pontypridd, Rhondda Cynon Taff, CF37 5SX  
 United Kingdom

Telephone: +44 (0) 1443 842255  
 E-mail: [harp@harpintl.com](mailto:harp@harpintl.com)

Fax: +44 (0) 1443 841805  
 Web: <http://www.harpintl.com>