

## Product Specification

**HARP<sup>®</sup> 402A**ASHRAE Number: R402A  
Composition:

| <u>Component name</u> |        | <u>Chemical Formula</u>                         | <u>CAS Number</u> | <u>Composition</u> |
|-----------------------|--------|---|-------------------|--------------------|
| Pentafluoroethane     | (R125) | CHF <sub>2</sub> CF <sub>3</sub>                | 354-33-6          | 60 +/- 2 %w/w      |
| Chlorodifluoromethane | (R22)  | CHClF <sub>2</sub>                              | 75-45-6           | 38 +/- 2 %w/w      |
| Propane               | (R290) | CH <sub>3</sub> CH <sub>2</sub> CH <sub>3</sub> | 74-98-6           | 2 +/- 0.5 %w/w     |

Guaranteed Specifications

(Methods defined by the Air-Conditioning &amp; Refrigeration Institute (ARI) Standard 700-95, Appendix C)

|                                    |                                    |      |         |
|------------------------------------|------------------------------------|------|---------|
| Purity                             | Minimum                            | 98.5 | %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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