Product Specification

# Refrigerant RS-45

ASHRAE Number: R434A
Composition:

| Component name | | CAS Number | Composition (%w/w) |
|---|---|---|---|
| Pentafluoroethane | (R125) | 354-33-6 | 62.2 – 64.2 |
| Trifluoroethane | (R143a) | 420-46-2 | 17.0 – 19.0 |
| Tetrafluoroethane | (R134a) | 811-97-2 | 15.0 – 17.0 |
| Isobutane | (R600a) | 075-28-5 | 2.6 – 2.9 |

## 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 to pass | | |
| Particulates/Solids | Visually clean to pass | | |

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