

Product Specification

Refrigerant RS-45

ASHRAE Number: R434A

Composition:

<u>Component name</u>		<u>Chemical Formula</u>	<u>CAS Number</u>	<u>Composition (%w/w)</u>
Pentafluoroethane	(R125)	CHF ₂ CF ₃	354-33-6	62.2 – 64.2
Trifluoroethane	(R143a)	CH ₃ CF ₃	420-46-2	17.0 – 19.0
Tetrafluoroethane	(R134a)	CH ₂ FCF ₃	811-97-2	15.0 – 17.0
Isobutane	(R600a)	CH(CH ₃) ₃	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	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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