

R-413A

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE	
Composition R-218: 9 % R-600: 3 %	R-134a: 88 %	8 % ≤ R-218 ≤ 10 % 2 % ≤ R-600 ≤ 3 %
		86 % ≤ R-134a ≤ 90 %
Purity	≥ 99,5 % weight	
Water content	≤ 10 ppm weight	
Acidity (HCl)	≤ 1 ppm weight	
Condensable content (gas phase)	≤ 1,5 % volume	
High boiling residue	≤ 0,01 % volume	

PHYSICAL PROPERTIES

Name	1,1,1 Tetrafluoroethane 88 % weight Octafluoropropane 9 % weight n-propane 3 % weight	
Chemical formula	CF ₃ -CH ₂ F / C ₃ F ₈ / C ₄ H ₁₀	
Boiling point at 1,013 bar	Bubble: -33,4 °C	Dew: -28,1 °C
Critical temperature	98,5 °C	
GWP [AR4]	2 053	
Security class (ISO817, EN378, ASHRAE34)	A2	
Ozone Depletion Potential	0	
Lower flammability limits [kg/m ³]	Slightly flammable	
Oil	POE, Polyalkylèneglycol – PAG (clim. auto)	

PACKAGING

12L, 62L

SUBSTITUTION

- R-12

DIFFERENT MARKET NAMES

- ISCEON® MO49