

R-404A

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Composition R-143A: 52 % R-125: 44 % R-134a: 4 %	51 % ≤ R-143A ≤ 53 % 42 % ≤ R-125 ≤ 46 % 2 % ≤ R-134a ≤ 6 %
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	Pentafluoroethane 44 % weight 1,1,1 Trifluoroethane 52 % weight 1,1,1 Tetrafluoroethane 4 % weight
Chemical formula	CHF ₂ -CF ₃ / CH ₃ -CF ₃ / CF ₃ -CH ₂ F
Boiling point at 1,013 bar	Bubble: -46,2 °C Dew: -45,5 °C
Critical temperature	72 °C
GWP [AR4]	3 922
Security class (ISO817, EN378, ASHRAE34)	A1
Ozone Depletion Potential	0
Lower flammability limits [kg/m ³]	Ininflammable
Oil	POE (PolyolEster)

PACKAGING

12L, 20L, 27L, 62L, 448L, 900L

DIFFERENT MARKET NAMES

- FREON™ 404A
- FORANE® 404A