

R-407A

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Composition R-32: 20 % R-125: 40 % R-134a: 40 %	18 % ≤ R-32 ≤ 22 % 38 % ≤ R-125 ≤ 42 % 38 % ≤ R-134a ≤ 42 %
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	Difluoromethane 20 % weight Pentafluoroethane 40 % weight 1,1,1 Tetrafluoroethane 40 % weight
Chemical formula	CH ₂ F ₂ / CHF ₂ -CF ₃ / CF ₃ -CH ₂ F
Boiling point at 1,013 bar	Bubble: -45,0 °C Dew: -38,6 °C
Critical temperature	83,25 °C
GWP [AR4]	2 107
Security class (ISO817, EN378, ASHRAE34)	A1
Ozone Depletion Potential	0
Lower flammability limits [kg/m ³]	Ininflammable
Oil	POE (PolyolEster)

PACKAGING

12L, 62L

SUBSTITUTION

- R-22
- R-507
- R-404A