

R-407F

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE	
Composition R-32: 30 % R-125: 30 % R-134a: 40 %	28 % ≤ R-32 ≤ 32 % 38 % ≤ R-134a ≤ 42 %	28 % ≤ R-125 ≤ 32 %
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 30 % weight Pentafluoroethane 30 % 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: -46,1 °C	Dew: -39,7 °C
Critical temperature	82,65 °C	
GWP [AR4]	1 824	
Security class (ISO817, EN378, ASHRAE34)	A1	
Ozone Depletion Potential	0	
Lower flammability limits [kg/m ³]	Ininflammable	
Oil	POE (PolyolEster)	

PACKAGING

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

SUBSTITUTION

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