

R-407C

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Composition R-32: 23 % R-125: 25 % R-134a: 52 %	$21 \% \leq R-32 \leq 25 \%$ $23 \% \leq R-125 \leq 27 \%$ $50 \% \leq R-134a \leq 54 \%$
Purity	$\geq 99,5 \%$ weight
Water content	≤ 10 ppm weight
Acidity (HCl)	≤ 1 ppm weight
Condensable content (gas phase)	$\leq 1,5 \%$ volume
High boiling residue	$\leq 0,01 \%$ volume

PHYSICAL PROPERTIES

Name	Difluoromethane 23 % weight Pentafluoroethane 25 % weight 1,1,1 Tetrafluoroethane 52 % weight
Chemical formula	$CH_2F_2 / CHF_2-CF_3 / CF_3-CH_2F$
Boiling point at 1,013 bar	Bubble: $-43,6 \text{ }^\circ\text{C}$ Dew: $-36,6 \text{ }^\circ\text{C}$
Critical temperature	$86,4 \text{ }^\circ\text{C}$
GWP [AR4]	1 800
Security class (ISO817, EN378, ASHRAE34)	A1
Ozone Depletion Potential	0
Lower flammability limits [kg/m^3]	Ininflammable
Oil	POE (PolyolEster)

PACKAGING

12L, 18L, 20L, 27L, 62L, 448L, 900L

SUBSTITUTION

- R-22

DIFFERENT MARKET NAMES

- FRÉON 407C
- FORANE 407C
- KLÉA 407C