

# R-407H

## SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Composition R-32: 32,5 %                      R-125: 15 % R-134a: 52,5 %	31,5 % ≤ R-32 ≤ 33,5 %              14 % ≤ R-125 ≤ 16 % 50,5 % ≤ R-134a ≤ 54,5 %
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 32,5 % weight Pentafluoroethane 15 % weight 1,1,1 Tetrafluoroethane 52,5 % weight
Chemical formula	CH <sub>2</sub> F <sub>2</sub> / CHF <sub>2</sub> -CF <sub>3</sub> / CF <sub>3</sub> -CH <sub>2</sub> F
Boiling point at 1,013 bar	Bubble: -44,6 °C                      Dew: -37,6 °C
Critical temperature	86,5 °C
GWP [AR4]	1 495
Security class (ISO817, EN378, ASHRAE34)	A1
Ozone Depletion Potential	0
Lower flammability limits [kg/m <sup>3</sup> ]	Ininflammable
Oil	POE (PolyolEster)

## PACKAGING

12L, 62L

## SUBSTITUTION

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