

# R-448A

## SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Composition	
R-32: 26 %	24 % ≤ R-32 ≤ 26,5 %
R-134a: 21 %	20 % ≤ R-134a ≤ 23 %
R-125: 26 %	25,5 % ≤ R-125 ≤ 28 %
R-1234ze: 7 %	5 % ≤ R-1234ze ≤ 7,5 %
R-1234yf: 20 %	18 % ≤ R-1234yf ≤ 20,5 %
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 26 % weight Pentafluoroethane 26 % weight 2,3,3,3-tetrafluoropropene 20 % weight 1,1,1,2-tetrafluoroethane 21 % weight Trans-1,3,3,3-tetrafluoropropene 7 % weight
Chemical formula	CH <sub>2</sub> F <sub>2</sub> / CHF <sub>2</sub> -CF <sub>3</sub> / CF <sub>3</sub> -CF = CH <sub>2</sub> / CF <sub>3</sub> -CH <sub>2</sub> F / CHF = CF <sub>3</sub> -CF
Boiling point at 1,013 bar	Bubble: -46,1 °C      Dew: -39,9 °C
Critical temperature	82,68 °C
GWP [AR4]	1 387
Security class (ISO817, EN378, ASHRAE34)	A1
Ozone Depletion Potential	0
Lower flammability limits [kg/m <sup>3</sup> ]	Ininflammable
Oil	POE (PolyolEster)

## PACKAGING

12L, 20L, 62L

## SUBSTITUTION

• R-404A    • R-407A    • R-407F    • R-507

## DIFFERENT MARKET NAMES

• SOLSTICE® N40