

# R-410A

## SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Composition R-32: 50 % R-125: 50 %	48,5 % ≤ R-32 ≤ 50,5 % 49,5 % ≤ R-125 ≤ 51,5 %
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 50 % weight Pentafluoroethane 50 % weight	
Chemical formula	$\text{CH}_2\text{F}_2 / \text{CHF}_2\text{-CF}_3$	
Boiling point at 1,013 bar	Bubble: -51,4 °C	Dew: -51,4 °C
Critical temperature	71,8 °C	
GWP [AR4]	2 100	
Security class (ISO817, EN378, ASHRAE34)	A1	
Ozone Depletion Potential	0	
Lower flammability limits [kg/m <sup>3</sup> ]	Ininflammable	
Oil	POE (PolyolEster) PVE (Polyvinyl Ester)	

## PACKAGING

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

## DIFFERENT MARKET NAMES

- SUVA® 410A
- FORANE® 410A