

R-454B

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Composition R-32: 68,9 % R-1234yf: 31,1 %	67,9 % ≤ R-32 ≤ 69,9 % 30,1 % ≤ R-1234yf ≤ 32,1 %
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 68,9 % weight 2,3,3,3-tetrafluoropropene 31,1 % weight
Chemical formula	CH ₂ F ₂ / CF ₃ -CF = CH ₂
Boiling point at 1,013 bar	Bubble: -50,5 °C Dew: -49,5 °C
Critical temperature	77 °C
GWP [AR4]	466
Security class (ISO817, EN378, ASHRAE34)	A2L
Ozone Depletion Potential	0
Lower flammability limits [kg/m ³]	0,297
Oil	POE (PolyolEster)

PACKAGING

12L, 62L

SUBSTITUTION

• R-410A

DIFFERENT MARKET NAMES

• OPTEON™ XL41