

R-452B

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Composition R-32: 67 % R-125: 7 % R-1234yf: 26 %	65 % ≤ R-32 ≤ 69 % 24 % ≤ R-1234yf ≤ 28 % 5,5 % ≤ R-125 ≤ 8,5 %
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 67 % weight Pentafluoroethane 7 % weight 2,3,3,3-tetrafluoropropene 26 % weight
Chemical formula	CH ₂ F ₂ / CHF ₂ -CF ₃ / CF ₃ -CF = CH ₂
Boiling point at 1,013 bar	Bubble: -50,7 °C Dew: -49,8 °C
Critical temperature	75,7 °C
GWP [AR4]	698
Security class (ISO817, EN378, ASHRAE34)	A2L
Ozone Depletion Potential	0
Lower flammability limits [kg/m ³]	0,310
Oil	POE (PolyolEster)

PACKAGING

12L, 62L

SUBSTITUTION

- R-410A

DIFFERENT MARKET NAMES

- OPTEON™ XL55