

R-454A

SPECIFICATIONS FROM AHRI STANDARD 700

STANDARD SPECIFICATIONS	LIMIT VALUE
Composition R-32: 35 % R-1234yf: 65 %	33 % ≤ R-32 ≤ 37 % 63 % ≤ R-1234yf ≤ 67 %
Pureté	≥ 99,5 % weight
Teneur en eau	≤ 10 ppm weight
Acidité (HCl)	≤ 1 ppm weight
Teneur en incondensables (phase gazeuse)	≤ 1,5 % volume
Résidus haute ébullition	≤ 0,01 % volume

PHYSICAL PROPERTIES

Name	Difluoromethane 35 % weight 2,3,3,3-tetrafluoropropene 65 % weight
Chemical formula	CH ₂ F ₂ / CF ₃ -CF = CH ₂
Boiling point at 1,013 bar	Bubble: -47,8 °C Dew: -42,2 °C
Critical temperature	78,9 °C
GWP [AR4]	239
Security class (ISO817, EN378, ASHRAE34)	A2L
Ozone Depletion Potential	0
Lower flammability limits [kg/m ³]	0,278
Oil	POE (PolyolEster)

PACKAGING

12L, 62L

SUBSTITUTION

- R-404A

DIFFERENT MARKET NAMES

- OPTEON™ XL40