

R407A

Refrigeration



R-22 Alternative



R407A

(R-32/R-125/R134a)

(20/40/40 wt%)

Available in the following sizes

25 lb. cyl

110 lb. cyl

925 lb. cyl

1550 lb. cyl

Physical Properties

	R407A
Classification	HFC
Molecular Weight	90.1
Boiling Point (1 atm, °F)	-49.9
Critical Pressure (psia)	658.6
Critical Temperature (°F)	181
Critical Density, (lb./ft ^ 3)	31.4
Liquid Density (70°F, lb./ft ^ 3)	72.6
Heat of Vaporization (bp, BTU/lb.)	100.8
Specific Heat Liquid (70 °F, BTU/lb.°F)	0.3554
Specific Heat Vapor (1 atm, 70 °F, BTU/lb. °F)	0.1967
Ozone Depletion Potential (CFC 11=1.0)	0
Global Warming Potential (CO ₂ =1.0)	2110
ASHRAE Standard 34 Safety Rating	A1
Temperature Glide (°F)	8

Primary Use

R-22 replacement Low/Med Temperature Refrigeration