

R404A

Refrigeration



R-22 Alternative



R404A

(R-125/R-143a/R-134a)
(44/52/4 wt%)

Available in the following
sizes

24 lb. cyl
100 lb. cyl

Physical Properties

	R404A
Classification	HFC
Molecular Weight	97.6
Boiling Point (1 atm, °F)	-51.8
Critical Pressure (psia)	548.2
Critical Temperature (°F)	162.5
Critical Density, (lb./ft ^ 3)	35.8
Liquid Density (70°F, lb./ft ^ 3)	66.4
Vapor Density (bp, lb./ft ^ 3)	0.342
Heat of Vaporization (bp, BTU/lb.)	86.1
Specific Heat Liquid (70 °F, BTU/lb.°F)	0.3600
Specific Heat Vapor (1 atm, 70 °F, BTU/lb. °F)	0.2077
Ozone Depletion Potential (CFC 11=1.0)	0
Global Warming Potential (CO ₂ =1.0)	3920
ASHRAE Standard 34 Safety Rating	A1
Temperature Glide (°F)	2

Primary Use

R-22 replacement Low/Med Temperature Refrigeration