

R410A

Air Conditioning



R410A

(R-32/R-125)

(50/50 wt%)

Available in the following
sizes

25 lb. cyl

100 lb. cyl

850 lb. cyl

1,450 lb. cyl

Physical Properties

R410A

Classification	HFC
Molecular Weight	72.6
Boiling Point (1 atm, °F)	-61
Critical Pressure (psia)	691.8
Critical Temperature (°F)	158.3
Critical Density, (lb./ft ^ 3)	34.5
Liquid Density (70°F, lb./ft ^ 3)	67.74
Vapor Density (bp, lb./ft ^ 3)	0.261
Heat of Vaporization (bp, BTU/lb.)	116.8
Specific Heat Liquid (70 °F, BTU/lb.°F)	0.3948
Specific Heat Vapor (1 atm, 70 °F, BTU/lb. °F)	0.1953
Ozone Depletion Potential (CFC 11=1.0)	0
Global Warming Potential (CO ₂ =1.0)	2088
ASHRAE Standard 34 Safety Rating	A1
Temperature Glide (°F)	.2

Primary Use

Residential and Commercial Air Conditioning