

# 407C

## Air Conditioning Refrigeration



### R-22 Alternative



#### R407C

(R-32/R-125/R134a)  
(23/25/52 wt%)

Available in the following  
sizes

25 lb. cyl

115 lb. cyl

925 lb. cyl

1550 lb. cyl

#### Physical Properties

	R407C
Classification	HFC
Molecular Weight	86.2
Boiling Point (1 atm, °F)	-43.6
Critical Pressure (psia)	672.1
Critical Temperature (°F)	187
Critical Density, (lb./ft <sup>3</sup> )	32
Liquid Density (70 °F, lb./ft <sup>3</sup> )	72.4
Vapor Density (bp, lb./ft <sup>3</sup> )	0.289
Heat of Vaporization (bp, BTU/lb.)	106.7
Specific Heat Liquid (70 °F, BTU/lb.°F)	0.3597
Specific Heat Vapor (1 atm, 70 °F, BTU/lb. °F)	0.1987
Ozone Depletion Potential (CFC 11=1.0)	0
Global Warming Potential (CO <sub>2</sub> =1.0)	1770
ASHRAE Standard 34 Safety Rating	A1
Temperature Glide (°F)	10

#### Primary Use

R-22 replacement Air Conditioning

#### Secondary Use

R-22 replacement Low/Med Temperature Refrigeration