

BMP407C

Air Conditioning Refrigeration



R-22 Alternative



BMP407C

(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

BMP407C

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 ³)	32
Liquid Density (70 °F, lb./ft ³)	72.4
Vapor Density (bp, lb./ft ³)	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 ₂ =1.0)	1770
ASHRAE Standard 34 Safety Rating	A1
POE Oil	5%
Temperature Glide (°F)	6
Capacity Loss	3-5%

Primary Use

R-22 replacement Air Conditioning

Secondary Use

R-22 replacement Low/Med Temperature Refrigeration