

R134a

Automotive service technicians depend on R-134a refrigerant, a non-ozone depleting hydrofluorocarbon (HFC) replacement for R-12. R-134a is the standard in many mobile air conditioning (AC) units, and also replaces R-12 in: Commercial stationary refrigeration systems, Chiller systems and home appliances, Existing refrigeration and AC systems. Because many original equipment manufacturers (OEMs) specify polyolester (POE) oil for use, systems that retrofit with R134a.

Also Solstice® R1234yf, Opteon™ YF R1234yf, XL-10 R-1234yf, XL-10 R-1234yf, N-13 R450A, XP-10 R-513A, Solstice R1234ze, Solstice R1233zd available.

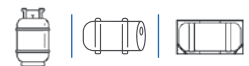
ASHRAE Number	R134a
Molecular Weight	102.03
Boiling Point at 1 atm, (°C)	-26.3
Vapor Pressure 25°C, (bar)	6.657
Liquid Density at 25°C, (kg/m ³)	1206
Flammability (solid, gas)	None
Critical Temperature, °C	101.1
Ozone Depletion Potential	0
Global Warming Potential	1430*



APPLICATION



PACKAGING



FLAMMABLE RANGE

A1 A2L A2 A3

GLOBAL WARMING POTENTIAL

1 1430 10.000



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