

Mbsm.pro, Copeland Compressor
RS80C1E-CAZ-252, 1 HP, R134a
Refrigerant, 220-240V Single Phase
50Hz, RSIR Motor, LBP Low Temperature
Freezing Application, Hermetic
Reciprocating Technology

Category: compressor

written by www.mbsm.pro | 24 January 2026



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The Copeland RS80C1E-CAZ-252 represents a specialized hermetic reciprocating compressor engineered for low-temperature refrigeration applications where reliability meets efficiency. This single-phase unit operates on R134a refrigerant and delivers consistent performance in demanding freezing environments ranging from -30°C to -10°C evaporating temperatures. Operating at 220-240V single-phase 50Hz power supply, this unit draws approximately 5 amperes during normal operation, making it suitable for standard commercial electrical systems.

Embraco NEU2178GK, compressor

Category: Refrigeration

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The Embraco NEU2178GK is the definitive choice for 1 HP commercial freezing applications. Featuring a robust CSR motor and 16.8cc displacement, this R404A compressor delivers high starting torque for demanding environments. This guide details the electrical requirements, installation tips, and how it compares to

Secop and Tecumseh alternatives.