Danfoss Secop BD35F 101Z0200 DC compressor technical specifications and 12V 24V, 1/8 hp

Category: Refrigeration
written by www.mbsmpro.com | January 16, 2026

The Danfoss Secop BD35F 101Z0200 is the industry standard for DC mobile refrigeration. Engineered for 12V and 24V systems using R134a, this compressor offers variable speed performance from 1/8 to 1/5 hp. This Mbsmpro technical guide explores its electronic control unit, wiring schemas, and cooling capacities for trucks, boats, and solar-powered appliances.

HVAC Valve Cores

Category: Refrigeration
written by www.mbsmpro.com | January 16, 2026

Excerpt: Valve cores are vital for HVAC and refrigeration systems. This guide explores Schrader valve types, pressure ratings, material choices, and engineering tips for optimal performance and leak prevention.

HITACHI FL20S88NAA Compressor

Category: Refrigeration
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The HITACHI FL20S88NAA 0.75 HP hermetic scroll compressor delivers 256W cooling capacity at 50Hz, utilizing HFC-134a refrigerant for household refrigerator-freezer applications. This LBP-classified unit operates reliably at 220-240V with RSIR starting method, integrated into Sharp's SJ-PT73R-HS3 model offering 662-liter gross capacity with Hybrid Cooling System and Plasmacluster technology.

Tecumseh Commercial Refrigeration Compressors

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Tecumseh commercial compressors range from 1/9 HP (230 W) to 3 HP (4,000 W), delivering refrigeration capacities from 278 W to 6,973 W across R404A, R134a, and legacy refrigerants. This complete technical guide provides exact horsepower, input wattage, evaporating ranges, and application types for all ten major models used in supermarkets, walk-ins, and retail coolers.

Copeland ZB50KCE Scroll Compressor

Category: Refrigeration
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copeland zb50kce scroll compressor 7 hp 11.9 kw polyester oil nameplate data Mbsmgroup mbsmpro.com

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Refrigerants, Standing, Suction and Discharge Pressures for Modern HVAC Systems

Category: Refrigeration
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Explore a practical refrigerant pressure chart with typical standing, suction and discharge pressures plus boiling points for R22, R134a, R32, R404A, R407C, R410A, R290, R600a and R417A.