

Danfoss Secop SLV15CNK / SLV15CNK.2 – Complete Technical Review & Replacement Guide

Category: Refrigeration

written by www.mbsm.pro | 11 March 2026



PictureS Mbsm Dot Pro : www.mbsm.pro

The Danfoss Secop SLV15CNK is a variable-speed LBP hermetic compressor running on R290 propane refrigerant, designed exclusively for commercial freezing applications. With a 15.28 cm³ displacement, permanent magnet TRI motor, and mandatory SLV electronic controller, it powers chest freezers and display cases across retail worldwide – including AHT deep freezer cabinets.

QD110H , Chest Freezer Compressor , 1/3HP , 220V/50Hz , R134A

Category: Technologie, Tester ok

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1/3HP Refrigeration Compressor 220V/50Hz R134A
AC Compressor: R134A Hermetic LBP Piston Reciprocating Compressor
Model: WQ110H
Power Supply: 220-240/50-60V/Hz
Displacement: 11CC
Nominal Power: 1/3HP
Rated Power: 233W

Cooling Capacity: 280W
COP: 1.20W/W
Motor Type: RSIR
Starting relay: Starting Relay/PTC
Starting Capacitor: / μ F
Running Capacitor: / μ F
Cooling Type: F
Application: LBP
Certificate: 3C
1X20'FCL: 1600PCS



Application:

LBP: Low back pressure; Refrigerator, Freezer, Wine cooler

MBP: Medium Back Pressure; Air-conditioner, vending machine

HBP: High Back Pressure: Air-conditioner, ice maker

LBP ASHRAE Test Condition:

Evaporation Temperature: $-23.3\text{ }^{\circ}\text{C}$

Condensing Temperature: $54.4\text{ }^{\circ}\text{C}$

Subcooling Temperature: $32.2\text{ }^{\circ}\text{C}$

Ambient Temperature: $32.2\text{ }^{\circ}\text{C}$

MBP ASHRAE Test condition:

Evaporation Temperature: $-5\text{ }^{\circ}\text{C}$

Condensing Temperature: $54.4\text{ }^{\circ}\text{C}$

Ambient Temperature: $35\text{ }^{\circ}\text{C}$

Subcooling Temperature: 46.1

Suction Temperature: $35\text{ }^{\circ}\text{C}$

HBP ASHRAE Test condition:

Evaporation Temperature: 7.2°C

Condensing Temperature: 54.4°C

Ambient Temperature: 35°C

Subcooling Temperature: 46.1°C

Suction Temperature: 35°C

Parameter Variation Range:

Cooling Capacity: $\geq 95\%$

Input Power: $\leq 115\%$

Current: $\leq 110\%$

COP: $\geq 95\%$

Cooling Type:

S: Natural cooling

F1: Fan cooling, 200mm fan diameter, 1.5m/s air speed

F2: Fan cooling, 200mm fan diameter, 3m/s air speed