

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

Category: Refrigeration

written by www.mbsm.pro | 11 March 2026



Picture by 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.

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

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| List of some Common Refrigerants | | | | | | |
|---|---|-------------------|------------------|--------------------|---------------------|-----------------|
| Standing, Suction, Discharge Pressure & Boiling Temperature | | | | | | |
| Refrigerant Name | Cylinder Colour Code | Standing Pressure | Suction Pressure | Discharge Pressure | Boiling Point Temp. | Replacement For |
| R22 |  | 150-155 psi | 60-70 psi | 250-300 psi | -40.8°C | R11 |
| | | 1034.2-1068.6 kPa | 413.7-482.6 kPa | 1723.6-2068.4 kPa | | |
| R134A |  | 80-95 psi | 12-15 psi | 150 psi | -26.2°C | R12 |
| | | 551.5-655 kPa | 82.7-103.4 kPa | 1034.2 kPa | | |
| R600A |  | 40-50 psi | Below 0-1 psi | 150 psi | -11.7°C | |
| | | 275.8-344.7 kPa | Below 0-6.8 kPa | 1034.2 kPa | | |
| R32 |  | 240-245 psi | 110-115 psi | 175-375 psi | -52.0°C | |
| | | 1654.7-1689.2 kPa | 758.4-792.9 kPa | 1206.6-2585.5 kPa | | |
| R290 |  | 125-130 psi | 65-70 psi | 275-300 psi | -42.1°C | |
| | | 861.8-896.3 kPa | 448.2-482.6 kPa | 1896-2068.4 kPa | | |
| R407C |  | 180-185 psi | 75-80 psi | 275-300 psi | -45.0°C | R22 |
| | | 1241-1275.5 kPa | 517.1-551.6 kPa | 1896-2068.4 kPa | | |
| R404A |  | 180-185 psi | 80-90 psi | 275-300 psi | -46.2°C | R502 |
| | | 1241-1275.5 kPa | 551.6-620.5 kPa | 1896-2068.4 kPa | | |
| R410a |  | 225-230 psi | 120-130 psi | 450-500 psi | -51.4°C | R22 |
| | | 1551.3-1585.8 kPa | 827.4-896.3 kPa | 3102.6-3447.4 kPa | | |
| R417 |  | 140 psi | 65 psi | 261 psi | -39.0°C | R22 |
| | | 965.3 kPa | 488.2k Pa | 1799.5 kPa | | |

1Bar = 100kPa or 14.5 psi

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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.

Mbsm.pro, SECOP, DLE4CNT, compressor, 102H4460, 4cm³, r290, 1hp/220v, Lbp freezing (1/4 hp 193w -23.3°C / 54.4°C), mhbp semi-freezing (3/8 hp

341w -6.7°C / 54.4°C), HBp Cooling
(5/8 hp 516w 7.2°C/54.4°C)

Category: compressor

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Mbsm.pro, SECOP, DLE4CNT, compressor, 102H4460, 4cm³, r290, 1hp/220v, Lbp
freezing (1/4 hp 193w -23.3°C / 54.4°C), mhbp semi-freezing (3/8 hp 341w -6.7°C
/ 54.4°C), HBp Cooling (5/8 516w 7.2°C/54.4°C)

Mbsm.pro, Compressor, PA65H1E,
PA65H1E-4, r290, 1/6 hp++, mhbp, 1/5
hp, MIDEA, freezer, HORIZONTAL, 203

LITRES, MIDEA_HS-268C, HS-268C, 203 L

Category: compressor

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Mbsm.pro, Compressor, PA65H1E, PA65H1E-4, r290, 1/6 hp++, mhbp, 1/5 hp, MIDEA, freezer, HORIZONTAL, 203 LITRES, MIDEA_HS-268C, 203 L

Mbsm.pro, Compressor, EA65H1E-U, 1/3 hp++, mbp, r290, freezer, with two doors, GMCC Refrigeration Compressor

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Mbsm.pro, Compressor, EA65H1E-U, 1/3 hp++, mbp, r290, freezer, with two doors, GMCC Refrigeration Compressor

**Mbsm.pro, CUBIGEL, NUh55LA,
compressor, R290, 1/3HP, 1bp,
220-240V**

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cubigel
compressors

NUH55LA



THERMALLY 220-240V~ 50 Hz PH1
PROTECTED



NUH55LA 17062802121



SHOT ON MI 8 LITE
AI DUAL CAMERA

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Mbsm.pro, CUBIGEL, NUH55LA, compressor, R290, 1/3HP, 1bp, 220-240V

Mbsm.pro, Comptek, hermetic, compressor , MALQD65UHM, r290, 1bp, 1/4 hp

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| | |
|---------------|--|
| Start | RSIR |
| Cooling | S. |
| Refrigerant | R290 |
| Performance | 175W (-35 ° C), 205W (-30 ° C), 265W (-25 ° C), 295W (-23.3 ° C), 335W (-20 ° C), 395W (-15 ° C), 455W (-10 ° C), 510W (-6.7 ° C), 560W (-5 ° C), 635W (0 ° C) |
| Oil filling | 220g |
| Power HP | 1/4 |
| Input power | 196W (- 23.3 ° C), 255W (- 6.7 ° C) |
| The step size | 6.5 cm ³ |



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Mbsm.pro, Compressor, 1/4 hp, Aspera, Embraco NEK1121Z, LBP, R134a, NEK1121u, lbp, r290

Compressor, hermetic, piston,
Embraco, NEK6214U, 1/2 hp++, hbp,
R290, 12,12 cm³

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Compressor, hermetic, piston, Embraco, NEK6214U, 1/2 hp++, hbp, R290, 12,12 cm³

Compressor, NUY90RAa, 3/8 hpb, r290, Compresor Cubigel

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Compressor, NUY90RAa, 3/8 hpb, r290, Compresor Cubigel