

Danfoss ,Fridge Compressor ,NL7FT , 1/4 HP ,R134a

Category: Non classé,Technologie,Tester ok
written by Lilianne | 29 April 2020

R404A/R507 • R134a • R290

Danfoss Compressors

R404A/R507 • R134a • R290

REFRIGERATION & AIR CONDITIONING DIVISION

Refrigerant

Frequency

Compressor Code numbers Horsepower EN 12900 (CECOMAF) EN 12900 (CECOMAF)

Displacement

Compressor (approx.) Capacity [W] Power consumption

[with [W

oil

[cooling Evaporating temperature [°C] Evaporating temp. [°C

cm³] 10- 25- 5- 10- 15- 20- 23.3- 25- 30- 35- 40- 45-

[

R134a

Hz 50

101G0220 1/12 14 26 40 45 56 74 95 60 86 2.50 PL50F

TLS3FT 102G4324 1/10 21 34 50 56 69 92 120 62 92 3.13

TLS4FT 102G4424 1/8 27 43 63 71 88 117 152 87 123 3.86

TLS5FT 102G4524 1/6 48 71 98 109 131 170 216 114 165 5.08

NL6FT 105G6628 1/5 60 84 115 127 152 198 253 123 184 6.13

NL7FT 105G6728 105G6738 1/4 71 100 136 150 181 235 299 145 220 7.27

NL9FT 105G6828 105G6838 1/3 87 120 162 178 213 275 350 169 252 8.35



NL10FT 105G6829 105G6839 3/8 113 158 213 235 281 361 455 217 327 10.10
SC12FT 104G8205 104G8215 3/8 103 163 233 259 314 408 517 645 265 380 12.87
SC15FT 104G8505 1/2 126 197 280 311 376 489 620 772 311 451 15.28
SC18FTX 104G8805 5/8 144 229 325 361 437 567 719 896 365 517 17.68
SC21FTX 104G8105 3/4 192 296 415 460 553 713 901 1119 428 613 20.95

Hz 60

PL35G 101G0250 1/16 34 39 48 64 82 104 52 79 2.00
TL2.5G 102G4251 1/16 14 27 42 48 60 80 105 134 67 96 2.61
TL3G 102G4350 1/12 30 47 54 69 95 125 70 111 3.13
TL4G 102G4452 1/10 48 70 78 96 127 166 87 135 3.86
TL5G 102G4550 1/8 65 92 102 123 162 207 106 170 5.08
FR6G 103G6660 1/6 51 93 108 141 199 266 119 197 6.23
FR7.5G 103G6680 103G6690 1/5 67 112 130 166 228 300 138 229 6.93
FR8.5G 103G6780 103G6790 1/4 92 138 156 195 263 345 164 273 7.95
FR10G 103G6880 103G6890 1/3 99 153 173 217 292 381 194 314 9.05
SC12FT 104G8205 104G8215 1/2 125 192 272 302 366 477 608 761 298 458 12.87
SC15FT 104G8505 5/8 154 235 330 365 441 571 724 904 356 537 15.28
SC18FTX 104G8805 3/4 187 280 390 432 520 675 857 1071 420 622 17.68
SC21FTX 104G8106 7/8 240 345 470 518 620 800 1012 1262 475 707 20.95

R404A/R507

Hz 50

TL4CL 102U2071 1/8 52 65 84 110 142 155 182 230 286 352 140 198 3.86
FR6CL 103U2670 1/6 77 108 145 189 243 263 307 383 473 578 242 353 6.23
FR7.5CL 103U2790 1/5 86 114 154 202 262 285 333 418 515 630 267 395 6.93
FR8.5CL 103U2890 1/4 99 126 168 222 290 317 372 468 577 315 472 7.95
NL7CLX 105F3710 1/3 102 146 199 263 340 369 430 536 657 796 274 381 7.27
SC10CLX 104L2533 1/3 166 255 360 400 483 625 789 977 352 508 10.29
SC12CL 104L2623 3/8 58 140 237 353 490 541 650 835 1048 1292 445 654 12.87
SC12CLX.2 104L2697 1/2 130 205 294 399 522 569 666 834 1026 475 659 12.87
SC15CL 104L2853 1/2 151 299 452 615 673 792 988 1208 1458 560 790 15.28
SC15CLX.2 104L2896 1/2 159 250 358 486 637 694 813 1017 1251 1519 565 783
15.28

SC18CL 104L2123 5/8 167 271 395 542 715 781 918 1154 1425 1735 615 894
17.68
SC18CLX.2 104L2197 3/4 194 306 439 595 780 849 995 1245 1532 680 949 17.68
SC21CL 104L2322 7/8 226 325 455 617 813 887 1042 1306 1606 702 989 20.95
GS26CLX 107B0500 1 325 497 703 949 1240 1348 1580 1974 2427 888 1285 26.30
GS34CLX 107B0501 1 1/4 729 1003 1330 1715 1857 2165 2687 3289 1196 1721
33.80

Hz 60

SC10CLX 104L2533 3/8 224 335 455 499 588 738 906 1096 430 623 10.29
SC12CLX 104L2695 1/2 146 282 429 590 649 770 972 1200 540 748 12.87
SC12CLX.2 104L2697 1/2 155 233 343 473 626 683 804 1011 1248 541 777 12.87
SC15CLX 104L2854 5/8 179 351 530 720 788 928 1158 1417 610 864 15.28
SC15CLX.2 104L2897 5/8 194 305 437 593 776 846 991 1239 1525 611 848 15.28
SC18CLX.2 104L2195 7/8 113 338 542 737 938 1010 1157 1410 1708 752 990
17.68

GS21CLX J 107B0506 1 475 674 905 1172 1270 1480 1873 2246 868 1180 21.20
R290

Hz 50

TL3CN Ĵ 102H4380 1/10 106 200 106 140 3.13

TL4CN Ĵ 102H4490 1/8 56 126 255 128 155 3.86

TL5CN 102H4590 1/6 81 109 143 183 198 230 283 345 416 162 211 5.08

NL7CN 105H6756 1/4 118 166 223 290 315 368 458 561 679 221 291 7.27

NL9CN 105H6856 1/3 138 194 259 335 364 423 526 643 778 250 334 8.35

SC10CNX 104H8065 1/3 126 179 245 325 355 420 531 660 809 274 362 10.29

SC12CNX 104H8265 3/8 178 250 331 426 462 540 678 846 1050 344 456 12.87

SC12CNX.2 104H8266 3/8 186 258 346 453 493 578 725 895 379 502 12.87

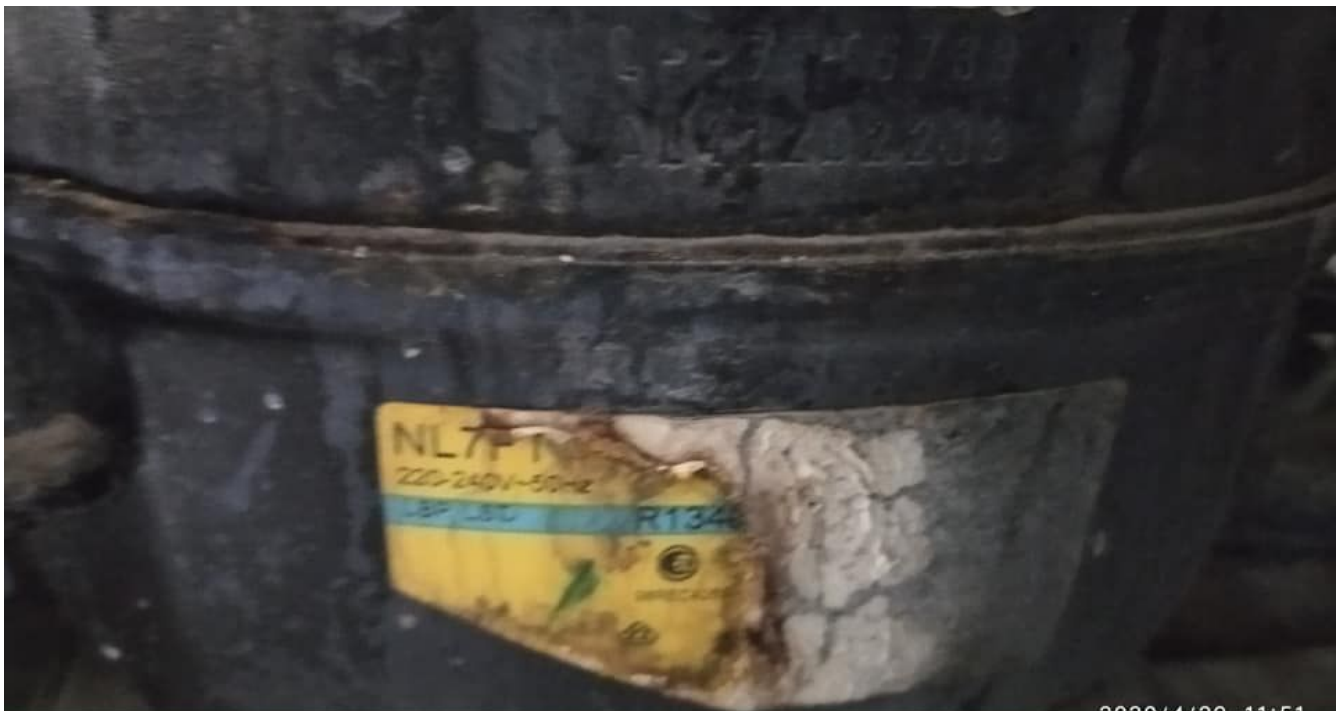
SC15CNX 104H8565 1/2 195 297 415 550 601 707 887 1093 1328 420 560 15.28

SC15CNX.2 104H8566 1/2 252 332 434 560 609 714 900 1120 445 610 15.28

SC18CNX 104H8865 5/8 219 341 480 640 700 824 1033 1272 1543 500 707 17.68

SC18CNX.2 104H8866 5/8 244 384 531 689 747 863 1057 1273 541 682 17.68

SC21CNX.2



2020/1/29 11:51

PictureS Mbsm Dot Pro : www.mbsm.pro

| Refrigerant | Frequency | Compressor | Horsepower (approx.) |
|-------------|-----------------|------------|---------------------------|
| | | ضاغط | قوة الضاغط بالحصان تقريبا |
| R404A/R507 | التردد 50 Hz | TL4CL | 1/8 |
| | | FR6CL | 1/6 |
| | | FR7.5CL | 1/5 |
| | | FR8.5CL | 1/4 |
| | | NL7CLX | 1/3 |
| | | SC10CLX | 1/3 |
| | | SC12CL | 3/8 |
| | | SC12CLX.2 | 1/2 |
| | | SC15CL | 1/2 |
| | | SC15CLX.2 | 1/2 |
| | SC18CL | 5/8 | |
| | SC18CLX.2 | 3/4 | |
| | SC21CL | 7/8 | |
| | GS26CLX | 1 | |
| | GS34CLX | 1 1/4 | |
| | 60 Hz | SC10CLX | 3/8 |
| | | SC12CLX | 1/2 |
| | | SC12CLX.2 | 1/2 |
| | | SC15CLX | 5/8 |
| | | SC15CLX.2 | 5/8 |
| SC18CLX.2 | | 7/8 | |
| GS21CLX ○ | | 1 | |
| R290 | 50 Hz | TL3CN ○ | 1/10 |
| | | TL4CN ○ | 1/8 |
| | | TL5CN | 1/6 |
| | | NL7CN | 1/4 |
| | | NL9CN | 1/3 |
| | | SC10CNX | 1/3 |
| | | SC12CNX | 3/8 |
| | | SC12CNX.2 | 3/8 |
| | | SC15CNX | 1/2 |
| | | SC15CNX.2 | 1/2 |
| | | SC18CNX | 5/8 |

| Refrigerant | Frequency | Compressor | Horsepower (approx.) قوة الضاغط بالحصان تقريباً | |
|-------------|-----------|------------|---|------|
| R134a | 50 Hz | PL50F | 1/12 | |
| | | TLS3FT | 1/10 | |
| | | TLS4FT | 1/8 | |
| | | TLS5FT | 1/6 | |
| | | NL6FT | 1/5 | |
| | | NL7FT | 1/4 | |
| | | NL9FT | 1/3 | |
| | | NL10FT | 3/8 | |
| | | SC12FT | 3/8 | |
| | | SC15FT | 1/2 | |
| | | SC18FTX | 5/8 | |
| | | SC21FTX | 3/4 | |
| | | 60 Hz | PL35G | 1/16 |
| | | | TL2.5G | 1/16 |
| | TL3G | | 1/12 | |
| | TL4G | | 1/10 | |
| | TL5G | | 1/8 | |
| | FR6G | | 1/6 | |
| | FR7.5G | | 1/5 | |
| | FR8.5G | | 1/4 | |
| | FR10G | | 1/3 | |
| | SC12FT | | 1/2 | |
| | SC15FT | | 5/8 | |