

ENGINEERING
TOMORROW



50 and 60Hz Catalogue

Danfoss **Light Commercial Refrigeration** Compressors B, U, L, P, X, S, HY Ranges

R134a | R404A | R507 | R600a | R290



lightcommercialrefrigeration.danfoss.com

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The Green Cooling Ranges

The most extended range of compressors for sustainable refrigeration in terms of energy consumption reduction.

The advanced design of the Green Cooling Ranges allows efficiency improvement providing energy consumption reductions up to 45% compared to standard versions; consequently, lower CO₂ emissions to the atmosphere.

The Green Cooling Ranges comprise **High Efficiency, Natural Refrigerants and Variable Speed Compressors.**

The Green Cooling range improves the compressor COP between **20%** and **30%** in comparison with standard ranges.



GREEN COOLING

The major environmental benefits are obtained combining the use of the R290 with the design criteria of high efficiency ranges.

These compressor models, in their more advanced version, can save up to 50% of energy when compared with standard efficiency series of R404A thanks to its high-efficiency mechanics, its advanced motor winding design and the optional running capacitor concept.

High Efficiency Ranges

The High Efficiency models reduce energy consumption of commercial refrigeration appliances between 10% and 30% with respect to standard ranges. Most High-Efficiency models are equipped with electric motors, designed with the "optional run capacitor" concept, that is, the compressor can work with or without a running capacitor (CSR/CSIR), offering different levels of efficiency with the same compressor. The new U range offers the highest level of efficiency with propane in the market today.

Natural Refrigerants

Natural refrigerants like propane (R290) and isobutane (R600a) are being gradually introduced in commercial appliances, not only due to the replacement of H-CFC's and HFC's refrigerants which have high impact on environment, but also because it is more efficient in terms of performance and applications' energy consumption.

Refrigerant propane has no direct contribution to global warming and its energy consumption is between 10% to 15% lower than a similar application with R404A. The R290 compressors offer a higher cooling capacity and COP allowing energy-saving consumption with smaller displacement.



Compressor Ranges Main Characteristics

| Compressor ranges - Main characteristics | | | | | | | |
|--|---------------------------------|------|------------------------|------|------|------|-------------------|
| Range | Displacement (cm ³) | | Cooling capacity (W) * | | | | Weight (max) (kg) |
| | | | LBP | | HMBP | | |
| | min | max | min | max | min | max | |
| Small L | 2.2 | 3.1 | 30 | 67 | - | - | 4.20 |
| B | 2.2 | 6.5 | 54 | 200 | 186 | 423 | 6.00 |
| HY | 2.5 | 15.3 | 65 | 430 | 55 | 1300 | 1.20 |
| U | 4.5 | 14.2 | 235 | 680 | 325 | 1247 | 9.90 |
| L | 4.5 | 10.7 | 110 | 696 | 324 | 1682 | 11 |
| P | 12 | 18 | 190 | 968 | 1065 | 2080 | 13 |
| X | 16 | 23 | 400 | 1060 | 1655 | 3030 | 17 |
| S | 26 | 38 | 1018 | 2558 | 2489 | 5262 | 23 |

*All refrigerants / Measured at ASHRAE rating condition 50 Hz

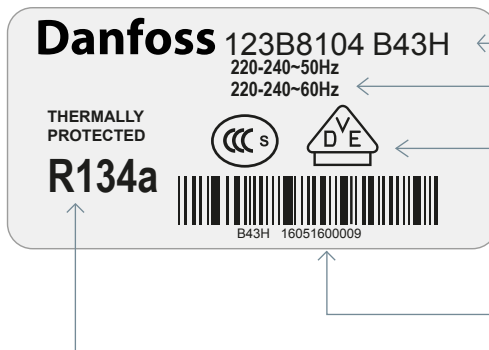
Labels and Approvals

For U, L, P, X, S



- Compressor code and model
- Voltage
- Approvals
- Production Date
- Bar Code
- Refrigerant

For Small L & B



- Compressor code and model
- Voltage
- Approvals
- Bar Code
- Refrigerant

Approvals



Directive compliance declarations



Flammable gases



Compressor Nomenclature U, L, P, X and S Ranges

model
G L Y 6 0 R A a

G L Y 6 0 R A a

Indicates refrigerant.

G = R134a **N** = R290
M = R404A/R507 **H** = R600a

Indicates compressor range (overall design).

L = 4.5 - 11cm³ **X** = 16 - 23cm³
U = 5.5 - 9cm³ **P** = 12 - 18cm³ **S** = 18 - 34cm³

Indicates energy efficiency level. Not appearing in case of Standard efficiency.

M = Medium
Y = High Efficiency - Run Capacitor Optional RSIR/RSCR or CSIR/CSR
T = Top Efficiency - Run Capacitor RSCR or CSR

Indicates approximate compressor displacement under the following rule:

U / L ranges 10 times the approx. displacement in cm³/rev (GL90TB -> approx 9 cm³/rev)
P / X / S ranges The approx. displacement in cm³/rev (MX21TG -> approx 21 cm³/rev)

Indicates the starting torque, application type and compressor cooling:

A = LBP - LST - S **L** = LBP - HST - Fan (Current Relay) **R** = HMBP - HST - FAN
C = LBP - LST - FAN **M** = HMBP - LST/HST - S/FAN (CSR versions with Current Relay)
D = LBP - HST - S **N** = LMBP - LST/HST - S/FAN **T** = HMBP - HST - FAN
F = LBP - HST - FAN **P** = HMBP - LST - FAN (CSR versions with Potential Relay)

Indicates the rated voltage:

A = 220-240V 50Hz **G** = 200-220V 50Hz / 220-230V 60Hz
B = 220-240V 50Hz (standard efficiency) **J** = 100V 50/60Hz
C = 100V 50/60Hz (standard efficiency) **N** = 200-220V 50Hz or 200-240V 50Hz / 220-230V 60Hz
D = 115V 60Hz **R** = 115-127V 60Hz
E = 115V 60Hz (standard efficiency) **3** = 3 phase 400-440V 50/60Hz
F = 208-230V 60Hz

Indicates a variant of the model that only affects the configuration of electrical components. Its meaning may vary from model to model. It does not appear on the compressor label but it is used for ordering, invoicing and HCB internal processes.

Examples:

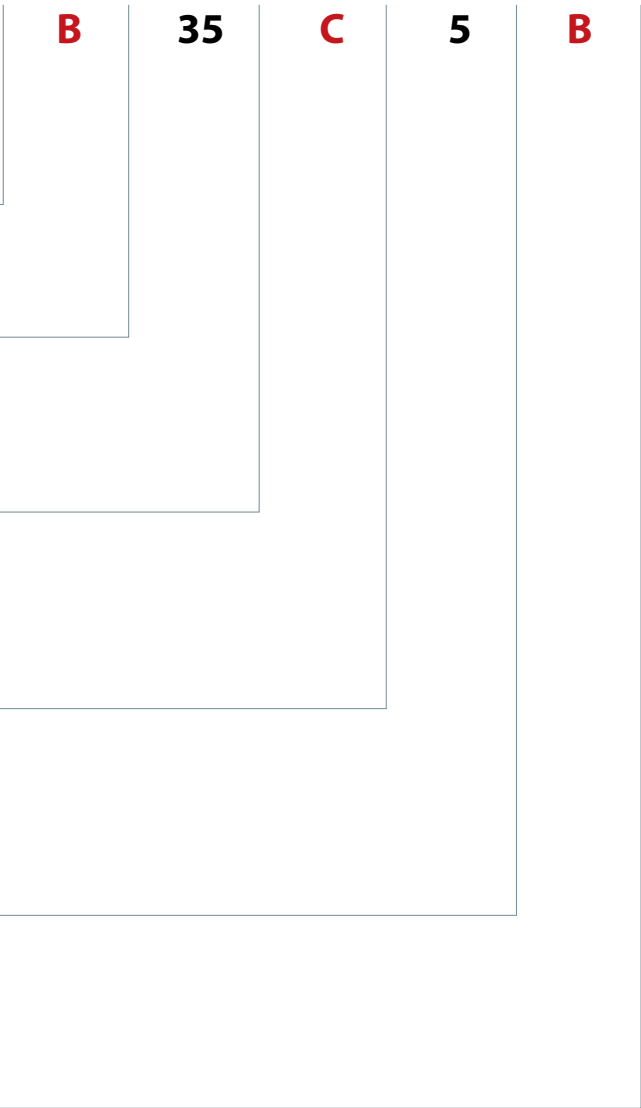
1. In high-efficiency compressors ("Y" series, i.e.: GPY12LA or MLY80RD), the letters "a" or "b" may indicate the type of electrical connection corresponding to the electrical accessories supplied with the compressor.

2. In X range it indicates the electrical accessories corresponding to the following situations:

a = Current relay + NTC
(no external connecting box)

a = no use of running capacitor
b = use of running capacitor

Compressor Nomenclature Small L & B Ranges



Range:

L --> Small L range

B --> B range

Displacement x10:

22 - 2.2cc

25 - 2.5cc

30 - 3.0cc

Refrigerant & application:

H = R134a LBP

G = R134a HBP

C = R600a LBP

M = R600a HBP

Voltage & Frequency:

Blank = 220-240V 50Hz and 220-240V 60 Hz

0 = 100V 50/60Hz

5 = 115V 60Hz

7 = 127V 60Hz

Efficiency level:

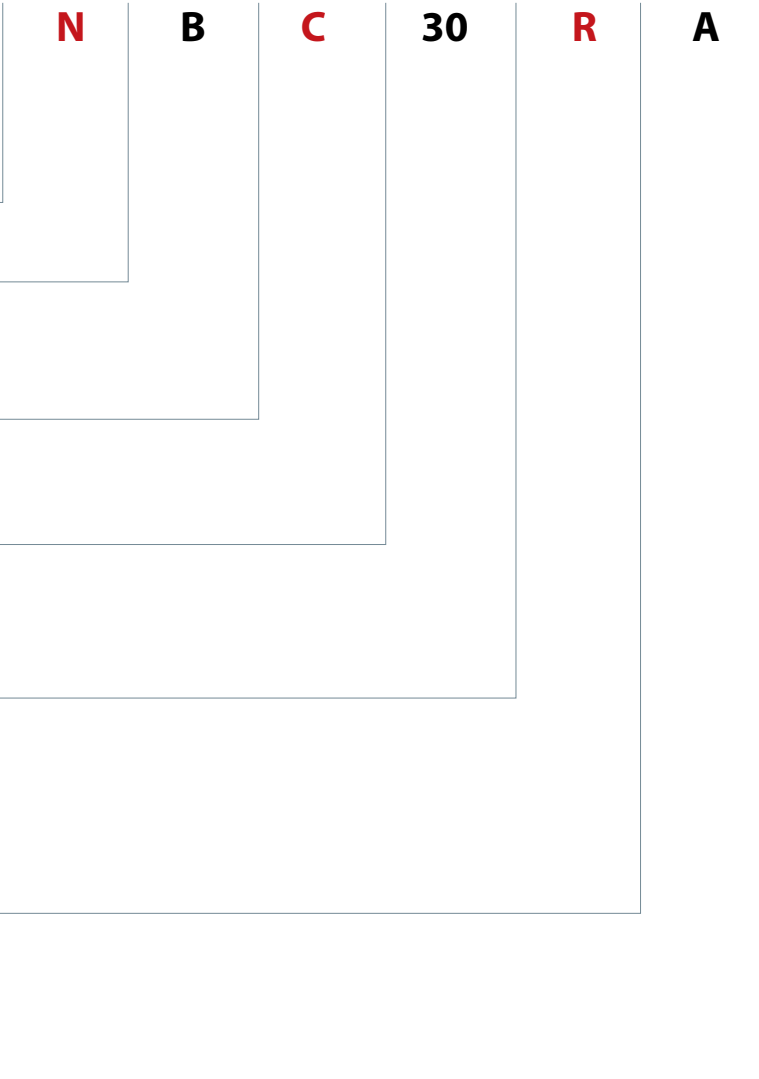
Blank = Standard Efficiency

B = High Efficiency

A = Very High Efficiency

S = Top efficiency

Compressor Nomenclature B Ranges - R290



R290 Models

Range:

L --> Small L range

B --> B range

C --> Without Running Capacitor

G --> With Running Capacitor

Displacement x10:

22 - 2.2cc

25 - 2.5cc

30 - 3.0cc

Refrigerant & application:

For R290 (Propane) Models:

C = LBP - LST - Static

N = LMBP - HST - Static / Fan

R = HMBP - HST - Fan

Voltage & Frequency:

A = 220-240V 50Hz

R = 115-127V 60Hz

Compressor Nomenclature HY Ranges - R134a & R600a

model

HY E 55 Y G U 63 a

| | | | | | | | |
|-----------|----------|-----------|----------|----------|----------|-----------|----------|
| HY | E | 55 | Y | G | U | 63 | a |
|-----------|----------|-----------|----------|----------|----------|-----------|----------|

Huayi models

Range :

- E --> 4.5 – 12.3 cm³
- J --> 3.0 – 6.9 cm³
- B --> 2.5 – 9.6 cm³
- S --> 4.5 – 12.5 cm³
- blank --> 6.9 – 15.3 cm³

Displacement :

10 times the approx. displacement in cm³/rev
 (55 -> approx. 5.5 cm³/rev)

Refrigerant:

- Y = R134a
- M = R600a

Energy efficiency level.

Blank = Less than 1.30 W/W
 Efficiency level H < G < K < T < S < X < D

Configuration:

U = Concave-shaped valve plate, used only in R600a products.
 J = The mini-products of extended range of HYB which are smaller than 5.0 cc in displacement, if the cop is below than 1.3, the letter J may be omitted.

Voltage & Frequency:

- Blank = 220-240V 50Hz
- 62 = 220-240V 60Hz
- 42 = 115V 60Hz
- 63 = 220-240V 50-60Hz
- 72 = 115-127V 60Hz
- 81 = 160-260V 50Hz
- 83 = 160-260V 50Hz / 220-240V 60Hz

winding material:

- Blank = copper
- a = aluminium

Voltage

The standards consider the voltage variation of the network to be within +/- 6% of its rated value, nevertheless the motors' design is able to work within -15% of the lowest rating and +10% of the highest rating.

| Compressor Voltage Versions for L, P, U, X, S Ranges | | |
|--|-----------------------------|----------------------------|
| Voltage version | Compressor rating | Voltage operative range |
| A or B | 220-240 V 50 Hz | 187-264 V 50 Hz |
| C or J | 100 V 50/60 Hz | 85-110 V 50/60 Hz |
| D or E | 115 V 60 Hz | 98-127 V 60 Hz |
| G or F L or N | 200- 220/220-230 V 50/60 Hz | 170-242/187-253 V 50/60 Hz |
| M or R | 115-127V 60Hz | 98-140V 60Hz |
| T | 200-220V 50Hz | 187-242V 50Hz |
| U | 208-230V 60Hz | 177-253V 60Hz |
| 3 | 400/440 V 50/60 Hz 3ph | 340-440/374-484 V 50/60 Hz |

Applications

Based on the characteristics of the system for which the compressor is intended, compressors are classified in different groups of application.

Low Back Pressure (LBP) Compressors

Evaporating temperature range for U, L, P, X and S range:
-35°C to -10°C [-31°F to -14°F] (down to -40°C [-40°F] for refrigerant R404A and R290).

Evaporating temperature range for Small L and B range
-35°C to -15°C [-31°F to -26°F]

Rating Condition
-25°C [-13°F] (CECOMAF) or -23.3°C [-10°F] (ASHRAE)

Low-Medium Back Pressure (LMBP) Compressors

Evaporating temperature range:
-35°C to 0°C [-31°F to +32°F] (down to -40°C [-40°F] for refrigerant R404A and R290).

Rating Condition
-25°C [-13°F] (CECOMAF) or -23.3°C [-10°F] (ASHRAE)

High Medium Back Pressure (HMBP) Compressors

Evaporating temperature range:
-25°C to +10°C [-13°F to +50°F]

Rating Condition
+5°C [+41°F] (CECOMAF) or +7.2°C [+45°F] (ASHRAE)

High Back Pressure (HBP) Compressors

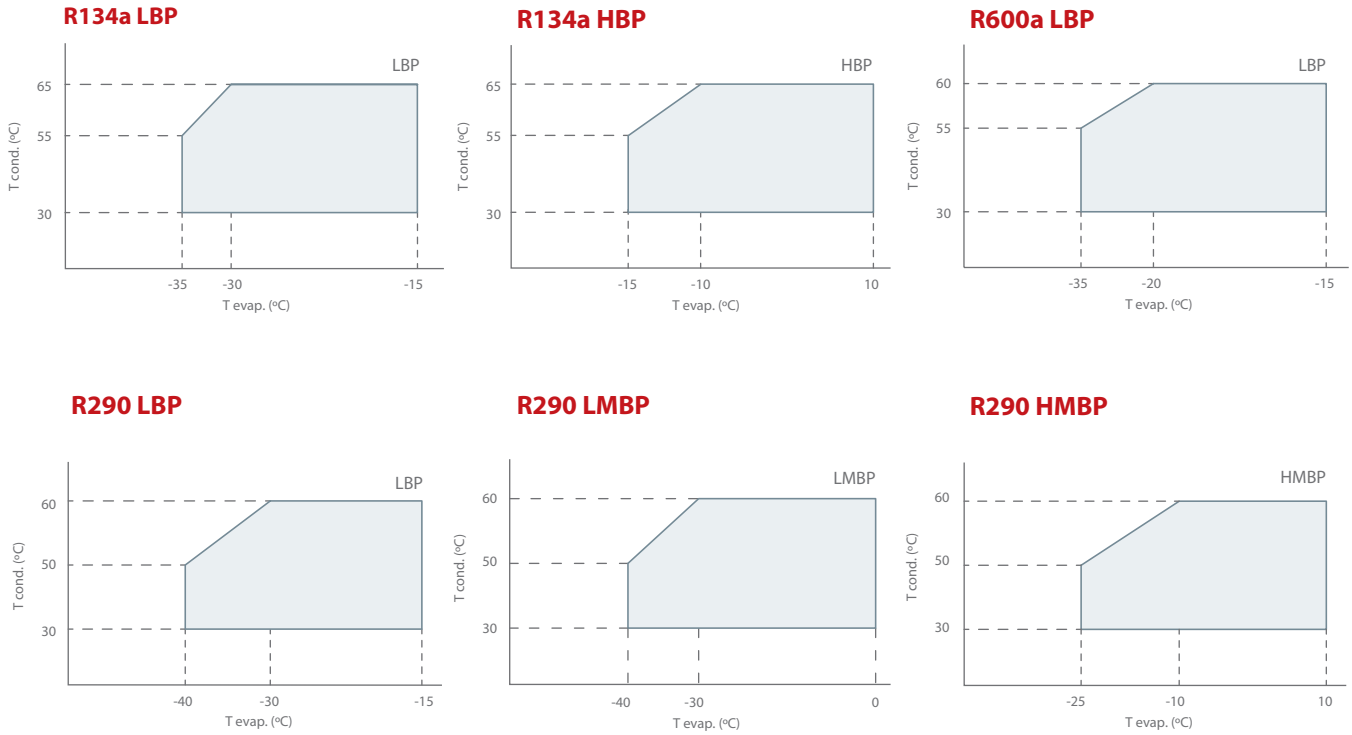
Evaporating temperature range:
-15°C to +10°C [+5°F to +50°F]

Rating Condition
+5°C [+41°F] (CECOMAF) or +7.2°C [+45°F] (ASHRAE)

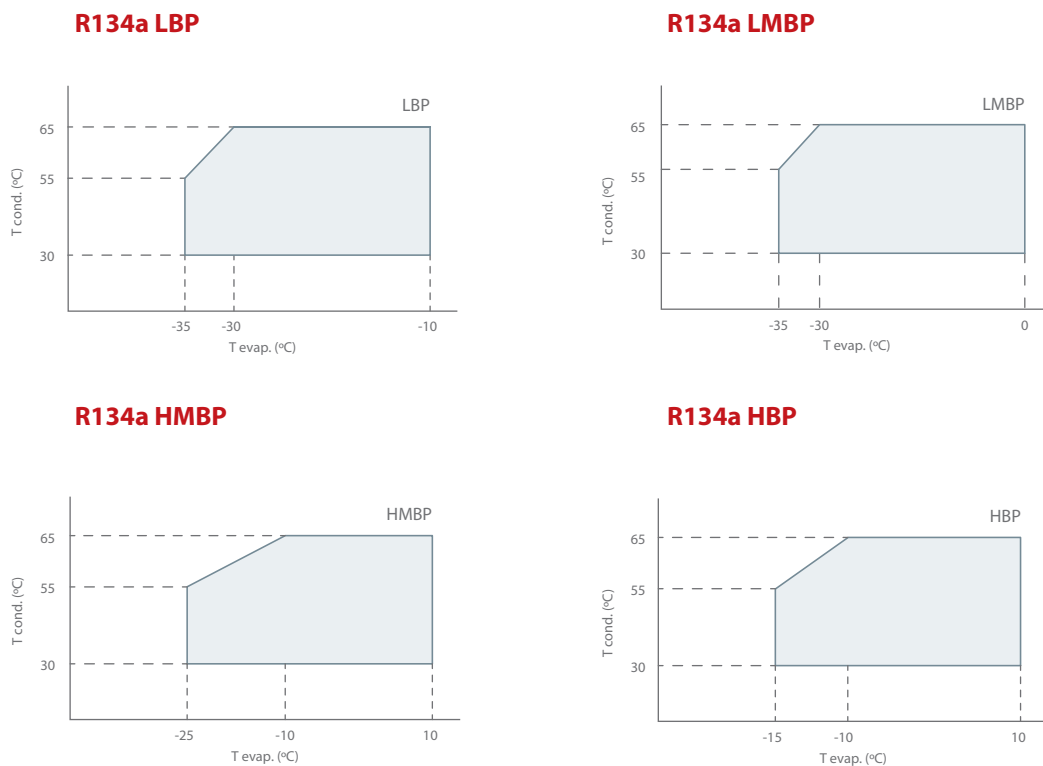
Operating Envelope

In order to grant the compressor reliability it is recommended that the point representing the operating conditions (suction and discharge pressures) falls within the shadowed area of the corresponding graph.

For Small L and B ranges:



For U, L, P, X and S ranges:





Types of Electrical Motors

RSIR (Resistance Start-Induction Run)

LST motor. No capacitors. Auxiliary winding is disconnected after start up. Standard energy efficiency.

CSIR (Capacitor Start-Induction Run)

HST motor. With starting capacitor. Auxiliary winding is disconnected after start up. Standard efficiency.

RSCR (Resistance Start-Capacitor Run)

LST motor. With running capacitor. Auxiliary winding remains connected after start up. Used for high efficiency in small capacity compressors (particularly in household refrigeration)

CSR (Capacitor Start and Run)

HST motor. Two capacitors (starting and running). Auxiliary winding remains connected after start up. Used for high efficiency in small compressors and for size reduced size motors in compressors with comparatively large displacements.

Single phase motor classification

| Capacitor type | | HST With starting capacitor | | LST Without starting capacitor | |
|---------------------------|---------------------|--|---------------------|--|-------------------------|
| With Running capacitor | Motor type: CSR | Starting device: Current relay + NTC for L, P and X ranges Potential relay for P, X & S ranges | | Motor type: RSCR | Starting device: PTC |
| | Motor type: CSIR | Starting device: Current Relay | Motor type: RSIR | Starting device: Current Relay or PTC | |

Type of starting device

Current relay – (electromechanical). RSIR/CSIR motors and CSR low/medium-power motors with NTC (the NTC is connected in series with the starting capacitor and the main purpose is to reduce the current peaks in the relay contacts)

Potential relay – (electromechanical). CSR high-power motors.

PTC – (Positive Temperature Coefficient), the resistance increases with the temperature. Device only with RSIR or RSCR motors in the (Small L, B), L and P ranges.

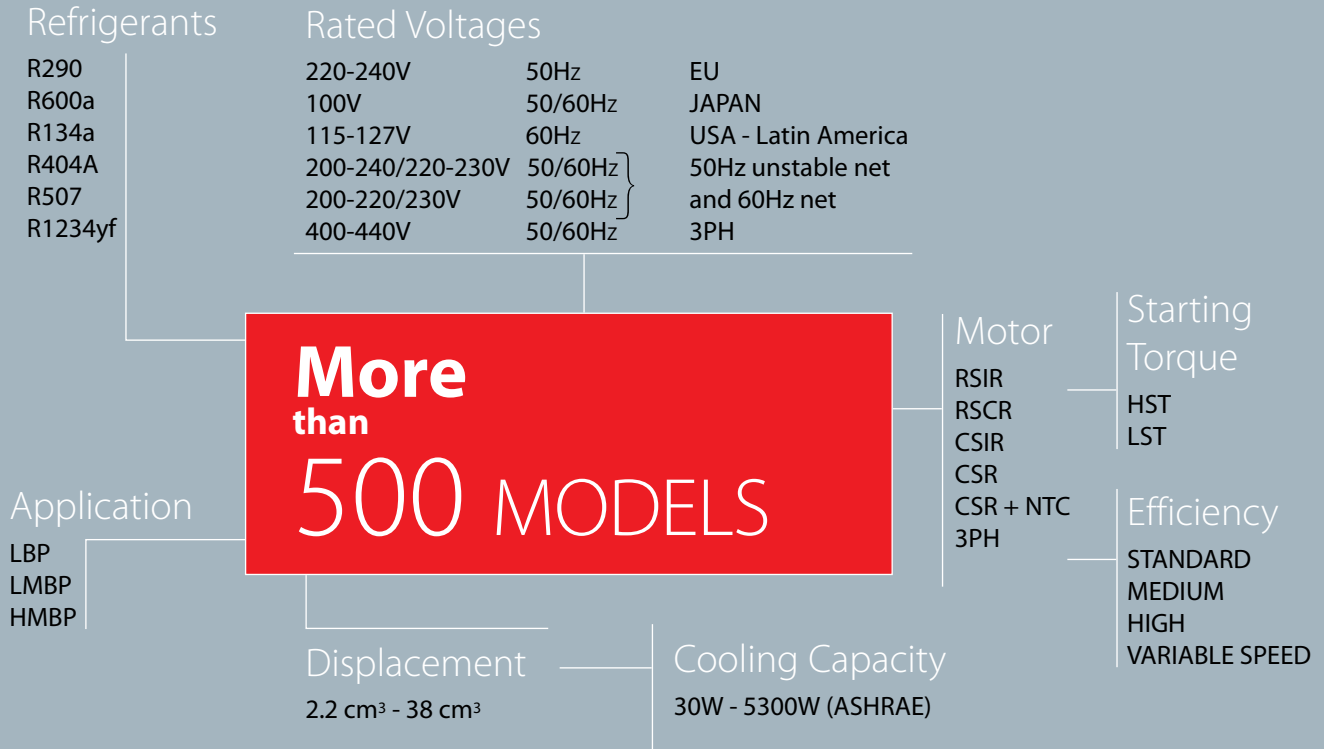
NTC – (Negative Temperature Coefficient), the resistance decreases with the temperature. Used in some CSR in order to reduce dimensions and components.

Type of torque

LST – Low Starting Torque – Systems with capillary tube or balanced pressures at start up.

















HST – High Starting Torque – Systems with expansion valve or capillary tube, with unbalanced pressures at start up.

Compressor Summary



How to read this Catalogue

Compressors

| MODEL | DANFOSS CODE (P) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | WEIGHT Kg | DESIGN | |
|--|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|--------|----------|---|--|------|-------------|-------------|------|-------------|--------------|--------|----|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | ASHRAE | | | | | |
| | | | | | | | | | | -25 | -15 | 10 | 5 | 7.2 | 10 | | | |
| W | COP | W | COP | W | COP | | | | | | | | | | | | | |
| R404A • R507 | HMBP HBP | 50 Hz | | | | | | | (R = Current or Potential Relay, P = PTC) | | | | | | | | | |
| ML40TB | 123B2501 | 4.05 | 1/6 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 132 | 212 | 470 | 1.41 | 555 | 590 | 1.74 | 9.47 | Lc |
| ML40TG | 123B2502 | 4.05 | 1/6 | HMBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 132 | 212 | 470 | 1.41 | 555 | 590 | 1.74 | 9.12 | Lc |
| ML45TB | 123B2503 | 4.56 | 1/5 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 150 | 237 | 525 | 1.47 | 621 | 660 | 1.82 | 9.10 | Lc |
| ML45TG | 123B2504 | 4.56 | 1/5 | HMBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 150 | 237 | 525 | 1.47 | 621 | 660 | 1.82 | 10.57 | Lc |
|  MLT45RG | 123B2546 | 4.56 | 1/5 | HMBP | F | 200-240/220-230V 50/60Hz | CSR | R | C-V | 169 | 268 | 594 | 1.88 | 702 | 747 | 2.33 | 10.60 | Ld |
| ML60TB | 123B2507 | 5.68 | 1/4 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 165 | 276 | 643 | 1.50 | 765 | 810 | 1.85 | 9.29 | Lc |
| ML60TG | 123B2508 | 5.68 | 1/4 | HMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 165 | 276 | 643 | 1.50 | 765 | 810 | 1.85 | 10.57 | Lc |
|  MLY60RAa | 123B2505 | 5.98 | 1/4 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 210 | 344 | 761 | 1.74 | 896 | 955 | 2.15 | 10.49 | Lc |
|  MLY60RAb | 123B2506 | 5.98 | 1/4 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 210 | 344 | 761 | 1.91 | 896 | 955 | 2.36 | 10.59 | Lc |
|  MLY60RGa | 123B2550 | 5.98 | | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 215 | 341 | 765 | 1.85 | 907 | 963 | 2.29 | 10.24 | Lc |
|  MLY60RGb | 123B2551 | 5.98 | | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 216 | 352 | 778 | 2.00 | 916 | 976 | 2.48 | 10.34 | Lc |
| ML80TB | 123B2511 | 7.57 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 225 | 383 | 875 | 1.61 | 1034 | 1100 | 1.99 | 9.68 | Ld |
| ML80TG | 123B2512 | 7.57 | 3/8 | HMBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 225 | 383 | 875 | 1.61 | 1034 | 1100 | 1.99 | 11.81 | Ld |
|  MLY80RAa | 123B2509 | 8.10 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 280 | 461 | 1049 | 1.84 | 1243 | 1319 | 2.27 | 11.29 | Ld |
|  MLY80RAb | 123B2510 | 8.10 | 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 280 | 461 | 1049 | 1.99 | 1243 | 1319 | 2.46 | 11.39 | Ld |
| ML90TB | 123B2515 | 8.85 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 280 | 461 | 1049 | 1.61 | 1243 | 1319 | 1.98 | 12.31 | Ld |
| ML90TG | 123B2516 | 8.85 | 3/8 | HMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 280 | 461 | 1049 | 1.61 | 1243 | 1319 | 1.98 | 11.29 | Ld |
|  MLY90RAa | 123B2513 | 9.09 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 316 | 509 | 1125 | 1.73 | 1327 | 1412 | 2.13 | 11.34 | Ld |
|  MLY90RAb | 123B2514 | 9.09 | 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 316 | 508 | 1129 | 1.89 | 1333 | 1418 | 2.34 | 11.44 | Ld |
|  MLT12RA | 123B2540 | 10.70 | 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 396 | 632 | 1379 | 1.88 | 1622 | 1729 | 2.31 | 11.59 | Ld |
|  MLT12RG | 123B2532 | 10.70 | 3/8 | HMBP | F | 200-240/220-230V 50/60Hz | CSR | R | C-V | 365 | 601 | 1337 | 1.83 | 1576 | 1678 | 2.26 | 12.24 | Ld |
|  MPT12RA | 123B2518 | 12.10 | 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 437 | 723 | 1559 | 1.91 | 1823 | 1950 | 2.35 | 12.20 | Pd |
|  MPT12RG | 123B2703 | 12.10 | 3/8 | HBP | F | 200-240/220-230V 50/60Hz | CSR | R | C-V | - | 689 | 1489 | 1.87 | 1769 | 1875 | 2.33 | 12.89 | Pd |
|  MPT14RA | 123B2704 | 14.32 | 1/2 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 789 | 1750 | 1.78 | 2068 | 2199 | 2.20 | 12.25 | Pd |
| MX16TBa | 123B2706 | 16.03 | 7/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 481 | 814 | 1868 | 1.74 | 2212 | 2350 | 2.15 | 16.33 | Xd |
| MX18TBa | 123B2707 | 18.40 | 7/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 551 | 932 | 2143 | 1.76 | 2540 | 2697 | 2.18 | 16.33 | Xd |
|  MX18TGa | 123B2541 | 18.40 | 7/8 | HMBP | F | 200-240/220-230V 50/60Hz | CSR | R | C-V | 551 | 932 | 2143 | 1.76 | 2540 | 2697 | 2.18 | 16.24 | Xd |
| MX21TBa | 123B2708 | 20.72 | 1 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 620 | 1046 | 2410 | 1.74 | 2856 | 3032 | 2.15 | 16.52 | Xd |
| MX21TGa | 123B2714 | 20.72 | 1 | HMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 621 | 1047 | 2409 | 1.74 | 2857 | 3032 | 2.15 | 17.16 | Xd |
|  MS22TB | 123B2521 | 21.75 | 1 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 451 | 967 | 2550 | 2.02 | 3060 | 3228 | 2.50 | 20.51 | Sc |
| MS26TB | 123B2523 | 25.93 | 1 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 671 | 1288 | 3164 | 2.00 | 3767 | 3991 | 2.46 | 22.12 | Sd |
| MS26TG | 123B2524 | 25.93 | 1 3/8 | HMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 671 | 1289 | 3166 | 2.00 | 3769 | 3993 | 2.46 | 23.00 | Sd |
| MS34TB | 123B2710 | 34.42 | 1 5/8 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 1850 | 4205 | 1.89 | 4930 | 5266 | 2.30 | 22.21 | Sd |
| MS34TG | 123B2711 | 34.42 | 1 5/8 | HBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | - | 1850 | 4205 | 1.89 | 4930 | 5266 | 2.30 | 22.78 | Sd |
| MS18T3 | 123B2520 | 18.10 | 7/8 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 421 | 834 | 2124 | 1.89 | 2543 | 2685 | 2.35 | 20.00 | Sb |

Indicates Green Cooling models

Indicates New models

R134a



Danfoss Light Commercial Refrigeration Compressors

R134a (*) LBP • 50 Hz

| MODEL | DANFOSS CODE (#) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|--------------|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|-------|----------|-----------|--|-----|------------|-------------|--------|------------|-------------|-------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | | |
| | | | | | | | | | | -35 | -30 | -25 | | -10 | -23.3 | | | | |
| | | | | | | | | | | | | W | COP | | W | COP | | | |
| L22HL | 123B8101 | 2.20 | 1/20 | LBP | S | 220-240V 50Hz | RSIR | P | C | 16 | 24 | 34 | 0.63 | 75 | 47 | 0.82 | 3.70 | Lb | |
| ▲ HYB25YJ63a | 125B1237 | 2.50 | 1/12 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 20 | 33 | 47 | 0.73 | 101 | 65 | 0.95 | 4.26 | HYBb | |
| ▲ HYB30YJ63a | 125B1230 | 3.00 | 1/12 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 33 | 46 | 57 | 0.73 | 132 | 78 | 0.95 | 4.26 | HYBb | |
| L30HL | 123B8102 | 3.10 | 1/12 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 23 | 35 | 49 | 0.69 | 108 | 67 | 0.90 | 4.20 | Lc | |
| ▲ HYB35YJ63a | 125B1238 | 3.50 | 1/10 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 37 | 52 | 66 | 0.73 | 146 | 90 | 0.95 | 4.62 | HYBc | |
| B38H | 123B8103 | 3.80 | 1/12 | LBP | S/F | 220-240V 50Hz | RSIR | P | C | 30 | 45 | 63 | 0.73 | 139 | 86 | 0.95 | 4.60 | Bc | |
| ▲ HYB41YK63a | 125B1239 | 4.10 | 1/8 | LBP | S | 220-240V 50/60Hz | RSCR | P | C | 39 | 57 | 80 | 1.11 | 177 | 110 | 1.40 | 6.30 | HYBf | |
| B43H | 123B8104 | 4.30 | 1/10 | LBP | S/F | 220-240V 50/60Hz | RSIR | P | C | 34 | 50 | 71 | 0.77 | 156 | 97 | 1.00 | 5.40 | Bd | |
| B43HB | 123B8105 | 4.30 | 1/10 | LBP | S | 220-240V 50Hz | RSCR | P | C | 35 | 51 | 72 | 0.92 | 158 | 98 | 1.20 | 5.00 | Bd | |
| ▲ HYS45YH81a | 125B1235 | 4.50 | 1/8 | LBP | S | 220-240V 50Hz | RSIR | P | C | 44 | 61 | 91 | 1.00 | 196 | 125 | 1.30 | 7.10 | HYSd | |
| B48H | 123B8106 | 4.80 | 1/8 | LBP | S | 220-240V 50Hz | RSIR | P | C | 38 | 56 | 79 | 0.81 | 174 | 108 | 1.05 | 5.00 | Bc | |
| ▲ HYS55YCA | 125B1244 | 5.50 | 1/6 | LBP | S | 220-240V/50Hz | RSIR | P | C | 60 | 84 | 117 | 1.04 | 246 | 160 | 1.35 | 7.00 | HYSe | |
| ▲ HYE55YL63 | 125B1231 | 5.50 | 1/6 | LBP | S | 220-240V 50/60Hz | RSCR | P | C | 59 | 83 | 116 | 0.86 | 243 | 155 | 1.15 | 7.90 | HYEf | |
| ▲ HYE60YL63 | 125B1232 | 6.00 | 1/6 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 68 | 94 | 130 | 0.86 | 263 | 174 | 1.10 | 8.30 | HYEf | |
| ▲ HYS60YCA | 125B1245 | 6.00 | 1/6 | LBP | S | 220-240V 50Hz | RSIR | P | C | 66 | 91 | 128 | 1.04 | 258 | 175 | 1.35 | 7.40 | HYSe | |
| ▲ HYE69YL63 | 125B1233 | 6.70 | 1/6 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 78 | 108 | 141 | 0.99 | 301 | 190 | 1.15 | 8.30 | HYEd | |
| ▲ HYE69YL | 125B1243 | 6.70 | 1/5 | LBP | S | 220-240V/50Hz | RSIR | P | C | 78 | 108 | 141 | 0.94 | 301 | 190 | 1.20 | 8.50 | HYEb | |
| ▲ HYS69YCA | 125B1246 | 6.70 | 1/5 | LBP | S | 220-240V/50Hz | RSIR | P | C | 79 | 110 | 142 | 1.04 | 303 | 195 | 1.35 | 7.40 | HYSd | |
| ▲ HYE81Ya | 125B1227 | 8.10 | 1/4 | LBP | F | 220-240V/50Hz | RSIR | P | C | 113 | 158 | 175 | 1.01 | 454 | 225 | 1.25 | 8.90 | HYEc | |
| ▲ GUG80LG | 125B1226 | 8.10 | 1/4 | LBP | F | 220-240V 50/60Hz | CSIR | R | C-V | 113 | 158 | 175 | 1.01 | 454 | 235 | 1.35 | 9.40 | Ub | |
| ▲ HY113Ya | 125B1225 | 11.30 | 3/8 | LBP | F | 220-240V/50Hz | CSR | R | C-V | 140 | 200 | 246 | 1.05 | 623 | 330 | 1.35 | 11.20 | HYb | |
| ▲ HY131Ya | 125B1228 | 13.10 | 1/2 | LBP | F | 220-240V/50Hz | CSR | R | C-V | 187 | 259 | 283 | 1.05 | 723 | 380 | 1.35 | 11.20 | HYb | |
| ▲ GPY14NGa | 123B1313 | 14.32 | 1/2 | LMBP | F | 200-220/220-230v 50/60Hz | CSIR | R | C-V | 147 | 205 | 283 | 0.92 | 636 | 376 | 1.14 | 12.59 | Pd | |
| ▲ GPY14NGb | 123B1314 | 14.32 | 1/2 | LMBP | F | 200-220/220-230v 50/60Hz | CSR | R | C-V | 148 | 206 | 284 | 0.97 | 636 | 388 | 1.27 | 12.69 | Pd | |
| ▲ GPY16La | 123B1145 | 16.15 | 1/2 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 151 | 220 | 306 | 1.02 | 677 | 419 | 1.32 | 11.73 | Pd | |
| ▲ GPY16Lab | 123B1146 | 16.15 | 1/2 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 151 | 220 | 306 | 1.09 | 677 | 419 | 1.42 | 11.83 | Pd | |
| ▲ HY153Y | 125B1229 | 15.30 | 1/2 | LBP | F | 220-240V/50Hz | CSIR | R | C-V | 206 | 296 | 314 | 1.00 | 842 | 430 | 1.28 | 11.20 | HYb | |

Green Cooling Models

▲ New Models

(*) Or HFO1234yf

See design drawing on pages 40-41

(#) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

Danfoss Light Commercial Refrigeration Compressors

R134a (*) LBP | LMBP • 60 Hz

| MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|---------------|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|-------|----------|-----------|--|-----|------------|-------------|--------|------------|-------------|-------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | | |
| | | | | | | | | | | -35 | -30 | -25 | | -10 | -23.3 | | | | |
| | | W | COP | | W | COP | | | | | | | | | | | | | |
| L22H5 | 123B8107 | 2.20 | 1/20 | LBP | S | 110-120V 60Hz | RSIR | P | C | 19 | 28 | 39 | 0.56 | 87 | 53 | 0.75 | 3.60 | Lb | |
| L30H5L | 123B8108 | 3.10 | 1/12 | LBP | S | 110-120V 60Hz | RSIR | P | C | 27 | 40 | 57 | 0.73 | 127 | 78 | 0.95 | 3.85 | Lc | |
| ▲ HYB30YHJ72a | 125B1249 | 3.00 | 1/12 | LBP | S | 115-127V 60Hz | RSIR | P | C | 38 | 55 | 73 | 1.00 | 163 | 100 | 1.30 | 5.00 | HYBc | |
| B38H5 | 123B8110 | 3.80 | 1/12 | LBP | S | 110-115V 60Hz | RSIR | P | C | 34 | 50 | 71 | 0.96 | 158 | 97 | 1.10 | 5.00 | Bc | |
| B38H5L | 123B8111 | 3.80 | 1/12 | LBP | S | 110-120V 60Hz | RSIR | P | C | 34 | 50 | 71 | 0.81 | 158 | 97 | 1.05 | 4.60 | Bc | |
| ▲ HYB41Y72a | 125B1240 | 4.10 | 1/8 | LBP | S | 115-127V 60Hz | RSIR | P | C | 45 | 66 | 95 | 1.00 | 205 | 130 | 1.30 | 5.80 | HYBf | |
| B43H5L | 123B8114 | 4.30 | 1/10 | LBP | S | 110-120V 60Hz | RSIR | P | C | 39 | 58 | 81 | 0.81 | 181 | 110 | 1.05 | 5.00 | Bc | |
| ▲ HYS45YT42a | 125B1241 | 4.50 | 1/8 | LBP | S | 115V 60Hz | RSCR | P | C | 54 | 80 | 113 | 1.22 | 234 | 152 | 1.57 | 7.40 | HYSb | |
| ▲ HYE55YT72a | 125B1242 | 5.50 | 1/6 | LBP | S | 115-127V 60Hz | RSCR | P | C | 74 | 101 | 145 | 1.31 | 305 | 194 | 1.68 | 8.60 | HYEd | |
| ▲ HYE60YD72 | 125B1236 | 6.00 | 1/6 | LBP | S | 115-127V 60Hz | RSCR | P | C | 82 | 118 | 164 | 1.40 | 377 | 220 | 1.80 | 9.50 | HYEd | |
| 🌿 GUY60NRb | 125B1314 | 6.00 | 1/6 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 80 | 113 | 158 | 1.15 | 362 | 215 | 1.49 | 9.00 | Ub | |
| 🌿 GUY60NRc | 125B1315 | 6.00 | 1/6 | LMBP | S | 115-127V 60Hz | CSIR | R | C-V | 80 | 113 | 158 | 1.15 | 362 | 215 | 1.49 | 9.00 | Ub | |
| 🌿 GUY70NRb | 125B1316 | 6.70 | 1/5 | LMBP | F | 115-127V 60Hz | CSIR | R | C | 86 | 121 | 166 | 1.15 | 386 | 226 | 1.49 | 9.30 | Ub | |
| 🌿 GUY70NRc | 125B1317 | 6.70 | 1/5 | LMBP | S | 115-127V 60Hz | CSIR | R | C | 86 | 121 | 166 | 1.15 | 386 | 226 | 1.49 | 9.30 | Ub | |
| 🌿 GUY80NRb | 125B1318 | 8.10 | 1/4 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 107 | 151 | 209 | 1.14 | 480 | 285 | 1.49 | 9.60 | Ub | |
| 🌿 GUY80NRc | 125B1319 | 8.10 | 1/4 | LMBP | S | 115-127V 60Hz | CSIR | R | C-V | 107 | 151 | 209 | 1.14 | 480 | 285 | 1.49 | 9.60 | Ub | |
| 🌿 GLY12NRa | 123B1304 | 10.70 | 1/3 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 119 | 168 | 234 | 1.02 | 531 | 320 | 1.33 | 11.20 | Ld | |
| 🌿 GLY12NRb | 123B1305 | 10.70 | 1/3 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 119 | 168 | 234 | 1.07 | 531 | 320 | 1.39 | 11.20 | Ld | |
| ▲ HY113Y42 | 125B1234 | 11.30 | 3/8 | LBP | F | 115V/60Hz | CSIR | R | C-V | 126 | 192 | 276 | 1.01 | 636 | 370 | 1.30 | 11.40 | HYb | |
| 🌿 GPY12NRa | 123B1315 | 12.10 | 3/8 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 123 | 187 | 269 | 0.99 | 621 | 370 | 1.29 | 12.78 | Ld | |
| 🌿 GPY12NRb | 123B1316 | 12.10 | 3/8 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 123 | 187 | 269 | 1.05 | 621 | 370 | 1.36 | 12.78 | Ld | |
| 🌿 GPY14NDa | 123B1311 | 14.32 | 1/2 | LMBP | F | 115V/60Hz | CSIR | R | C-V | 166 | 234 | 322 | 0.90 | 715 | 440 | 1.17 | 12.04 | Pd | |
| 🌿 GPY14NDb | 123B1312 | 14.32 | 1/2 | LMBP | F | 115V/60Hz | CSR | R | C-V | 168 | 235 | 324 | 1.02 | 722 | 442 | 1.26 | 12.14 | Pd | |
| L30HL | 123B8102 | 3.10 | 1/12 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 26 | 39 | 55 | 0.80 | 123 | 74 | 1.04 | 4.20 | Lc | |
| ▲ HYB25YJ63a | 125B1237 | 2.50 | 1/12 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 26 | 39 | 55 | 0.81 | 123 | 76 | 1.05 | 4.26 | HYBb | |
| B38H | 123B8103 | 3.80 | 1/12 | LBP | S/F | 220-240V 60Hz | RSIR | P | C | 34 | 50 | 71 | 0.96 | 158 | 97 | 1.10 | 4.60 | Bc | |
| ▲ HYB30YJ63a | 125B1230 | 3.00 | 1/12 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 32 | 46 | 66 | 0.82 | 148 | 90 | 1.05 | 4.26 | HYBb | |
| ▲ HYB35YJ63a | 125B1238 | 3.50 | 1/12 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 43 | 61 | 77 | 0.82 | 172 | 104 | 1.05 | 4.62 | HYBc | |
| ▲ HYB41YK63a | 125B1239 | 4.10 | 1/8 | LBP | S | 220-240V 50/60Hz | RSCR | P | C | 46 | 67 | 96 | 1.16 | 208 | 132 | 1.50 | 6.30 | HYBf | |
| B43H | 123B8104 | 4.30 | 1/10 | LBP | S/F | 220-240V 50/60Hz | RSIR | P | C | 39 | 58 | 81 | 0.96 | 181 | 110 | 1.10 | 5.40 | Bd | |
| B43HB | 123B8105 | 4.30 | 1/10 | LBP | S | 220-240V 50/60Hz | RSCR | P | C | 39 | 58 | 81 | 1.00 | 181 | 110 | 1.30 | 5.20 | Bd | |
| ▲ HYE55YL63 | 125B1231 | 5.50 | 1/6 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 68 | 96 | 130 | 0.90 | 282 | 175 | 1.15 | 7.90 | HYEc | |
| HYE60YL63 | 125B1232 | 6.00 | 1/6 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 74 | 101 | 145 | 0.90 | 305 | 195 | 1.15 | 8.30 | HYEc | |
| 🌿 GUG80LG | 125B1226 | 8.10 | 1/4 | LBP | F | 220-240V/50/60Hz | CSIR | R | C-V | 102 | 143 | 196 | 1.09 | 456 | 263 | 1.40 | 9.20 | Ub | |
| 🌿 GPY14NGa | 123B1313 | 14.32 | 1/2 | LMBP | F | 200-220/220-230v 50/60Hz | CSIR | R | C-V | 173 | 241 | 330 | 0.98 | 728 | 450 | 1.27 | 12.59 | Pd | |
| 🌿 GPY14NGb | 123B1314 | 14.32 | 1/2 | LMBP | F | 200-220/220-230v 50/60Hz | CSR | R | C-V | 173 | 242 | 331 | 1.03 | 729 | 452 | 1.33 | 12.69 | Pd | |

🌿 Green Cooling Models

▲ New Models

(*) Or HFO1234yf

See design drawing on pages 40-41

(†) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

R134a (*) HMBP | HBP • 50 Hz

| MODEL | DANFOSS CODE (a) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|------------|------------------|---------------------------------|-------------|-------------|-------------|-----------------------------|-------|----------|-----------|--|-----|------|------|--------|------|------|-------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | | |
| | | | | | | | | | | -25 | -15 | 5 | | 10 | 7.2 | | | | |
| | | | | | | | | | | | | W | COP | | W | COP | | | |
| B22G | 123B8115 | 2.20 | 1/20 | HBP | S-F | 220-240V 50Hz | RSIR | P | C | - | 60 | 152 | 1.64 | 192 | 186 | 1.94 | 4.60 | Bb | |
| B25G | 123B8117 | 2.60 | 1/14 | HBP | S-F | 220-240V 50Hz | RSIR | P | C | - | 76 | 202 | 1.53 | 243 | 242 | 2.08 | 4.60 | Bb | |
| B25GL | 123B8118 | 2.60 | 1/14 | HBP | S | 220-240V 50Hz | CSIR | R | C-V | - | 70 | 190 | 1.84 | 228 | 228 | 2.14 | 5.50 | Be | |
| B30G | 123B8121 | 3.10 | 1/12 | HBP | S-F | 220-240V 50Hz | RSIR | P | C | - | 83 | 229 | 1.77 | 270 | 272 | 1.77 | 4.80 | Bc | |
| B30G | 123B8120 | 3.10 | 1/12 | HBP | S-F | 220-240V 50Hz | CSIR | R | C-V | - | 83 | 229 | 1.77 | 270 | 272 | 1.77 | 4.80 | Bc | |
| B35GL | 123B8123 | 3.50 | 1/12 | HBP | S-F | 220-240V 50Hz | CSIR | R | C-V | - | 100 | 269 | 1.87 | 323 | 323 | 2.18 | 5.50 | Bf | |
| B38G | 123B8125 | 3.80 | 1/12 | HBP | S-F | 220-240V 50Hz | CSIR | R | C-V | - | 129 | 291 | 1.91 | 347 | 347 | 2.23 | 5.00 | Bc | |
| B43GL | 123B8127 | 4.30 | 1/10 | HBP | S-F | 220-240V 50Hz | RSIR | P | C | - | 122 | 348 | 1.75 | 422 | 419 | 1.77 | 5.30 | Bf | |
| ▲ GU45TG | 125B1737 | 4.50 | 1/8 | HMBP | F | 200-230V/50Hz 220-240V/60Hz | CSIR | R | C-V | - | 161 | 393 | 2.07 | 471 | 470 | 2.40 | 8.60 | Ub | |
| ▲ GU60TG | 125B1738 | 6.00 | 1/6 | HBP | F | 200-230V/50Hz 220-240V/60Hz | CSIR | R | C-V | - | 219 | 529 | 2.06 | 652 | 640 | 2.40 | 8.60 | Ub | |
| 🌿 GUY60RAa | 125B1539 | 6.00 | 1/6 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 126 | 221 | 540 | 2.32 | 646 | 644 | 2.70 | 9.04 | Ub | |
| 🌿 GUY60RAb | 125B1540 | 6.00 | 1/6 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 126 | 222 | 545 | 2.53 | 653 | 651 | 2.95 | 9.16 | Ub | |
| ▲ GE70TG | 125B1739 | 6.70 | 1/5 | HBP | F | 200-230V/50Hz 22-240v/60Hz | CSIR | R | C-V | - | 242 | 584 | 2.01 | 711 | 705 | 2.20 | 8.60 | Ub | |
| ▲ GE80TG | 125B1734 | 8.10 | 1/4 | HBP | F | 220-240V/50Hz 230V/60Hz | CSIR | R | C-V | - | 285 | 687 | 1.99 | 847 | 830 | 2.20 | 8.90 | Ub | |
| 🌿 GUY80RAa | 125B1543 | 8.10 | 1/4 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 174 | 302 | 720 | 2.22 | 859 | 858 | 2.45 | 9.70 | Ub | |
| 🌿 GUY80RAb | 125B1544 | 8.10 | 1/4 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 177 | 304 | 727 | 2.38 | 868 | 858 | 2.75 | 9.80 | Ub | |
| GU80TB | 125B1735 | 8.10 | 1/4 | HBP | F | 220-240V 50Hz | CSIR | R | C-V | - | 272 | 693 | 1.99 | 836 | 830 | 2.30 | 9.30 | Uc | |
| 🌿 GUY90RAa | 125B1545 | 8.80 | 1/4 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 182 | 317 | 775 | 2.21 | 929 | 925 | 2.45 | 9.70 | Ub | |
| 🌿 GUY90RAb | 125B1546 | 8.80 | 1/4 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 180 | 319 | 783 | 2.35 | 938 | 935 | 2.73 | 9.80 | Ub | |
| 🌿 GLY12RAa | 123B1708 | 10.70 | 1/3 | HBP | F | 220-240V 50Hz | CSIR | R | C-V | - | 349 | 867 | 1.97 | 1064 | 1047 | 2.30 | 10.23 | Ld | |
| 🌿 GLY12RAb | 123B1709 | 10.70 | 1/3 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 349 | 867 | 2.20 | 1064 | 1047 | 2.57 | 10.33 | Ld | |
| 🌿 GLY12RGa | 123B1710 | 10.70 | 1/3 | HBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | - | 349 | 867 | 1.87 | 1064 | 1047 | 2.19 | 10.43 | Ld | |
| 🌿 GLY12RGb | 123B1711 | 10.70 | 1/3 | HBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | - | 349 | 867 | 1.98 | 1064 | 1047 | 2.32 | 10.53 | Ld | |
| ▲ HY113YZ | 125B1547 | 11.30 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | - | 345 | 858 | 1.88 | 1052 | 1000 | 2.20 | 10.80 | HYb | |
| 🌿 GPY12RAa | 123B1536 | 12.10 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 228 | 401 | 992 | 2.03 | 1191 | 1183 | 2.35 | 13.31 | Pd | |
| 🌿 GPY12RAb | 123B1537 | 12.10 | 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 228 | 401 | 992 | 2.23 | 1191 | 1183 | 2.58 | 13.42 | Pd | |
| ▲ HY131YZ | 125B1548 | 13.10 | 1/2 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 224 | 394 | 975 | 1.92 | 1171 | 1160 | 2.20 | 10.80 | HYb | |
| GP14TG | 123B1539 | 14.17 | 1/2 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 190 | 373 | 998 | 1.76 | 1208 | 1198 | 2.03 | 11.98 | Pd | |
| ▲ HY153YZ | 125B1740 | 15.30 | 1/2 | HBP | F | 220-240V 50Hz | CSIR | R | C-V | - | 405 | 1083 | 1.87 | 1310 | 1300 | 2.15 | 10.80 | HYb | |
| 🌿 GPY14RAa | 123B1540 | 14.32 | 1/2 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 296 | 492 | 1161 | 1.97 | 1386 | 1380 | 2.27 | 12.20 | Pd | |
| 🌿 GPY14RAb | 123B1541 | 14.32 | 1/2 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 296 | 492 | 1161 | 2.16 | 1386 | 1380 | 2.50 | 12.30 | Pd | |
| GP16TB | 123B1713 | 16.15 | 1/2 | HBP | F | 220-240V 50Hz | CSIR | R | C-V | - | 476 | 1204 | 1.80 | 1451 | 1442 | 2.09 | 11.93 | Pd | |
| GP16TG | 123B1714 | 16.15 | 1/2 | HBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | - | 476 | 1204 | 1.81 | 1451 | 1442 | 2.09 | 11.93 | Pd | |
| 🌿 GPY16RAa | 123B1542 | 16.15 | 1/2 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 307 | 542 | 1317 | 2.02 | 1574 | 1571 | 2.34 | 12.84 | Pd | |
| 🌿 GPY16RAb | 123B1543 | 16.15 | 1/2 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 307 | 542 | 1317 | 2.15 | 1574 | 1571 | 2.50 | 12.94 | Pd | |
| 🌿 GPT16RG | 123B1715 | 16.15 | 1/2 | HBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | - | 552 | 1323 | 2.13 | 1600 | 1586 | 2.50 | 12.16 | Pd | |
| 🌿 GPT18RA | 123B1716 | 18.00 | 2/3 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 618 | 1482 | 2.06 | 1783 | 1774 | 2.39 | 12.68 | Pd | |
| 🌿 GPT18RG | 123B1720 | 18.00 | 2/3 | HBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | - | 602 | 1443 | 2.04 | 1745 | 1731 | 2.37 | 12.84 | Xc | |
| GX21TB | 123B1546 | 20.72 | 2/3 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 323 | 603 | 1549 | 1.88 | 1866 | 1855 | 2.18 | 16.13 | Xd | |
| GX23TB | 123B1547 | 23.20 | 5/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 368 | 677 | 1729 | 1.88 | 2082 | 2070 | 2.18 | 16.33 | Xd | |
| GX23TG | 123B1548 | 23.20 | 5/8 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 368 | 677 | 1729 | 1.79 | 2082 | 2070 | 2.08 | 16.34 | Xd | |
| GS26TB | 123B1621 | 25.93 | 3/4 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 265 | 703 | 2070 | 2.08 | 2514 | 2489 | 2.42 | 22.70 | Sc | |

This table continues in the following page

🌿 Green Cooling Models

▲ New Models

(*) Or HFO1234yf

(**) Model under development. Provisional performance/data.

See design drawing on pages 40-41

(a) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

Danfoss Light Commercial Refrigeration Compressors

R134a (*) HMBP | HBP • 50 Hz

| MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|--------|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|--------|----------|-----------|--|------|-------------|-------------|--------|-------------|-------------|-------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | | |
| | | | | | | | | | | -25 | -15 | 5 | | 10 | 7.2 | | | | |
| | | | | | | | | | | | | W | COP | | W | COP | | | |
| GS26TG | 123B1622 | 25.93 | 3/4 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 265 | 703 | 2070 | 2.14 | 2514 | 2489 | 2.49 | 22.70 | Sc | |
| GS30TB | 123B1624 | 29.95 | 7/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 317 | 785 | 2451 | 2.31 | 3019 | 2966 | 2.70 | 22.70 | Sd | |
| GS30TG | 123B1625 | 29.95 | 7/8 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 317 | 785 | 2451 | 2.31 | 3019 | 2966 | 2.70 | 23.00 | Sd | |
| GS34TB | 123B1626 | 34.42 | 1 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 476 | 1068 | 2850 | 2.26 | 3420 | 3408 | 2.62 | 21.35 | Sd | |
| GS34TG | 123B1634 | 34.42 | 1 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 467 | 992 | 2829 | 2.24 | 3453 | 3409 | 2.64 | 22.27 | Sd | |
| GS26T3 | 123B1623 | 25.93 | 3/4 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 265 | 703 | 2070 | 2.19 | 2514 | 2489 | 2.55 | 22.70 | Sc | |

Green Cooling Models

▲ New Models

















(*) Or HFO1234yf

See design drawing on pages 40-41


(†) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

Danfoss Light Commercial Refrigeration Compressors

R134a (*) HMBP | HBP • 60 Hz

| MODEL | DANFOSS CODE (a) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|---|------------------|---------------------------------|-------------|-------------|-------------|-----------------------------|--------|----------|-----------|--|------|-------------|-------------|--------|-------------|-------------|-------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | | |
| | | | | | | | | | | -25 | -15 | 5 | | 10 | 7.2 | | | | |
| | | W | COP | | W | COP | | | | | | | | | | | | | |
| B22G5 | 123B8116 | 2.20 | 1/20 | HBP | S-F | 110-115V 60Hz | RSIR | P | C | - | 72 | 188 | 1.83 | 229 | 226 | 2.13 | 4.60 | Bb | |
| B25G5L | 123B8119 | 2.60 | 1/14 | HBP | S-F | 110-115V 60Hz | CSIR | R | C-V | - | 88 | 231 | 1.93 | 283 | 279 | 2.27 | 5.70 | Be | |
| B30G5 | 123B8122 | 3.10 | 1/12 | HBP | S-F | 110-115V 60Hz | RSIR | P | C | - | 100 | 262 | 1.55 | 317 | 314 | 1.80 | 5.00 | Be | |
| B35G5 | 123B8124 | 3.50 | 1/12 | HBP | S-F | 110-115V 60Hz | CSIR | R | C-V | - | 120 | 304 | 1.80 | 371 | 366 | 2.12 | 5.00 | Bc | |
| B38G5L | 123B8126 | 3.80 | 1/12 | HBP | S-F | 110-115V 60Hz | CSIR | R | C-V | - | 136 | 353 | 1.83 | 424 | 422 | 2.13 | 5.70 | Be | |
|  GLY12RRa | 123B1601 | 10.70 | 1/3 | HMBP | F | 115-127V 60Hz | CSIR | R | C-V | 222 | 402 | 1015 | 1.90 | 1221 | 1214 | 2.20 | 11.14 | Ld | |
|  GLY12RRb | 123B1599 | 10.70 | 1/3 | HMBP | F | 115-127V 60Hz | CSR | R | C-V | 222 | 402 | 1015 | 2.01 | 1221 | 1214 | 2.32 | 11.24 | Ld | |
|  GPY12RDa | 123B1580 | 12.10 | 3/8 | HMBP | F | 115V 60Hz | CSIR | R | C-V | 280 | 480 | 1150 | 1.95 | 1375 | 1372 | 2.25 | 12.03 | Pd | |
|  GPY12RDb | 123B1581 | 12.10 | 3/8 | HMBP | F | 115V 60Hz | CSR | R | C-V | 280 | 480 | 1150 | 2.11 | 1375 | 1372 | 2.44 | 12.13 | Pd | |
|  GPY14RDa | 123B1584 | 14.32 | 1/2 | HBP | F | 115V 60Hz | CSIR | R | C-V | - | 317 | 1234 | 1.78 | 2012 | 1706 | 2.22 | 12.03 | Pd | |
|  GPY14RDb | 123B1585 | 14.32 | 1/2 | HBP | F | 115V 60Hz | CSR | R | C-V | - | 317 | 1234 | 1.89 | 2012 | 1706 | 2.36 | 12.13 | Pd | |
|  GP16TE | 123B1718 | 16.15 | 1/2 | HBP | F | 115V 60Hz | CSIR | R | C-V | - | 556 | 1408 | 1.69 | 1697 | 1686 | 1.96 | 12.20 | Pd | |
|  GPY16RDa | 123B1588 | 16.15 | 1/2 | HBP | F | 115V 60Hz | CSIR | R | C-V | - | 614 | 1518 | 1.88 | 1822 | 1814 | 2.17 | 12.05 | Pd | |
|  GPY16RDb | 123B1589 | 16.15 | 1/2 | HBP | F | 115V 60Hz | CSR | R | C-V | - | 614 | 1518 | 2.00 | 1822 | 1814 | 2.31 | 12.15 | Pd | |
|  GU45TG | 125B1737 | 4.50 | 1/8 | HMBP | F | 200-230V/50Hz 220-240V/60Hz | CSIR | R | C-V | 101 | 177 | 431 | 2.05 | 515 | 545 | 2.50 | 8.60 | Ub | |
|  GU60TG | 125B1738 | 6.00 | 1/6 | HBP | F | 200-230V/50Hz 220-240V/60Hz | CSIR | R | C-V | - | 257 | 620 | 2.05 | 765 | 740 | 2.50 | 8.60 | Ub | |
|  GE70TG | 125B1739 | 6.70 | 1/5 | HBP | F | 220-240V/50Hz 230V/60Hz | CSIR | R | C-V | - | 285 | 701 | 2.11 | 842 | 820 | 2.30 | 8.60 | Ub | |
|  GE80TG | 125B1734 | 8.10 | 1/4 | HBP | F | 220-240V/50Hz 230V/60Hz | CSIR | R | C-V | - | 328 | 798 | 1.95 | 995 | 960 | 2.30 | 8.90 | Ub | |
|  GLY12RGa | 123B1710 | 10.70 | 1/3 | HBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | - | 405 | 1007 | 1.90 | 1216 | 1207 | 2.22 | 10.43 | Ld | |
|  GLY12RGb | 123B1711 | 10.70 | 1/3 | HBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | - | 405 | 1007 | 2.07 | 1216 | 1207 | 2.40 | 10.53 | Ld | |
| GP14TG | 123B1539 | 14.17 | 1/2 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 222 | 437 | 1168 | 1.76 | 1413 | 1401 | 2.03 | 11.98 | Pd | |
| GP16TG | 123B1714 | 16.15 | 1/2 | HBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | - | 556 | 1408 | 1.74 | 1697 | 1686 | 2.00 | 11.93 | Pd | |
| GPT16RG | 123B1715 | 16.15 | 1/2 | HBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | - | 650 | 1515 | 2.02 | 1827 | 1814 | 2.33 | 12.16 | Pd | |
|  GPT18RG | 123B1720 | 18.00 | 2/3 | HBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | - | 693 | 1640 | 1.90 | 1979 | 1964 | 2.20 | 12.84 | Pd | |
| GX23TG | 123B1548 | 23.20 | 3/4 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 429 | 792 | 2021 | 1.71 | 2433 | 2419 | 1.98 | 16.34 | Xd | |
| GS26TG | 123B1622 | 25.93 | 3/4 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 307 | 824 | 2419 | 2.06 | 2935 | 2908 | 2.40 | 22.70 | Sc | |
| GS30TG | 123B1625 | 29.95 | 7/8 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 370 | 920 | 2865 | 2.23 | 3527 | 3466 | 2.61 | 23.00 | Sd | |
| GS34TF | 123B1627 | 34.42 | 1 | HMBP | F | 220-230V 60Hz | CSR | R | C-V | 550 | 1247 | 3327 | 2.17 | 3990 | 3977 | 2.50 | 22.70 | Sd | |
| GS34TG | 123B1634 | 34.42 | 1 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 440 | 1093 | 3248 | 2.11 | 3963 | 3913 | 2.44 | 22.27 | Sd | |
| GS26T3 | 123B1623 | 25.93 | 3/4 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 307 | 824 | 2419 | 2.07 | 2935 | 2908 | 2.40 | 22.70 | Sc | |

 Green Cooling Models

 New Models

(*) Or HFO1234yf

See design drawing on pages 40-41

(a) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

| | Conditions | | | |
|--|------------|----------|--------|----------|
| | CECOMAF | | ASHRAE | |
| | LBP | HMBP/HBP | LBP | HMBP/HBP |



















| | | | | |
|----------------------------|-----|----|-------|-----|
| Evaporating temperature °C | -25 | 5 | -23.3 | 7.2 |
| Condensing temperature °C | 55 | 55 | 55 | 55 |
| Liquid temperature °C | 55 | 55 | 32 | 46 |
| Suction temperature °C | 32 | 32 | 32 | 35 |
| Ambient temperature °C | 32 | 32 | 32 | 35 |

R404A/R507




Danfoss Light Commercial Refrigeration Compressors

R404A • R507 LBP • 50 Hz

| | MODEL | DANFOSS CODE (n) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | WEIGHT Kg | DESIGN |
|---|----------|------------------|---------------------------------|-------------|-------------|--------------------------|----------------------|-------|----------|-----------|--|-------------|-------------|------|-------------|-------------|-------|--------------|--------|
| | | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | |
| | | | | | | | | | | | -40 | -30 | -25 | | -10 | -23.3 | | | |
| | | W | COP | | W | COP | | | | | | | | | | | | | |
|  MLY45LAa | 123B2105 | 4.56 | 1/6 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 61 | 118 | 157 | 0.92 | 317 | 233 | 1.30 | 9.55 | Lc | |
|  MLY45LAb | 123B2106 | 4.56 | 1/6 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 61 | 118 | 157 | 0.98 | 317 | 233 | 1.38 | 9.65 | Lc | |
| ML60FB | 123B2107 | 5.98 | 1/5 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 73 | 140 | 186 | 0.86 | 371 | 275 | 1.20 | 8.84 | Lc | |
| ML60FBa | 123B2187 | 5.98 | 1/5 | LBP | F | 220-240V 50Hz | RSIR | P | C | 73 | 140 | 186 | 0.86 | 371 | 275 | 1.20 | 8.84 | Lc | |
| ML60FG | 123B2108 | 5.98 | 1/5 | LBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 69 | 134 | 177 | 0.71 | 351 | 262 | 1.01 | 10.87 | Lc | |
|  MLY60LAa | 123B2109 | 5.98 | 1/5 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 86 | 168 | 221 | 0.90 | 428 | 326 | 1.26 | 10.02 | Lc | |
|  MLY60LAb | 123B2110 | 5.98 | 1/5 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 86 | 168 | 221 | 0.96 | 428 | 326 | 1.36 | 10.12 | Lc | |
| ML80FB | 123B2111 | 8.10 | 1/4 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 99 | 189 | 251 | 0.77 | 505 | 371 | 1.09 | 9.47 | Lc | |
| ML80FG | 123B2112 | 8.10 | 1/4 | LBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 99 | 190 | 252 | 0.77 | 505 | 372 | 1.08 | 12.20 | Ld | |
|  MLY80LAa | 123B2113 | 8.10 | 1/4 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 104 | 207 | 275 | 0.91 | 548 | 407 | 1.28 | 9.59 | Ld | |
|  MLY80LAb | 123B2114 | 8.10 | 1/4 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 104 | 207 | 275 | 0.98 | 548 | 407 | 1.38 | 9.69 | Ld | |
| ML90FB | 123B2115 | 8.85 | 1/3 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 104 | 207 | 275 | 0.83 | 548 | 407 | 1.16 | 9.59 | Ld | |
| ML90FBa | 123B2188 | 8.85 | 1/3 | LBP | F | 220-240V 50Hz | RSIR | P | C | 104 | 207 | 275 | 0.83 | 548 | 407 | 1.16 | 9.59 | Ld | |
| ML90FG | 123B2116 | 8.85 | 1/3 | LBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 104 | 207 | 275 | 0.80 | 548 | 407 | 1.13 | 10.78 | Ld | |
|  MLY90LAa | 123B2117 | 9.09 | 1/3 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 121 | 236 | 311 | 0.91 | 612 | 460 | 1.28 | 10.35 | Ld | |
|  MLY90LAb | 123B2118 | 9.09 | 1/3 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 121 | 236 | 311 | 0.98 | 612 | 460 | 1.38 | 10.45 | Ld | |
|  MLY12LAa | 123B2119 | 10.70 | 3/8 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 156 | 294 | 387 | 0.94 | 762 | 570 | 1.33 | 11.18 | Ld | |
|  MLY12LAb | 123B2120 | 10.70 | 3/8 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 156 | 294 | 387 | 1.00 | 762 | 570 | 1.41 | 11.28 | Ld | |
|  MLY12LGa | 123B2121 | 10.70 | 3/8 | LBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 165 | 297 | 387 | 0.83 | 756 | 570 | 1.17 | 11.06 | Ld | |
|  MLY12LGb | 123B2122 | 10.70 | 3/8 | LBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 165 | 302 | 394 | 0.90 | 768 | 581 | 1.28 | 11.16 | Ld | |
|  MPT12LA | 123B2123 | 12.10 | 3/8 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 194 | 347 | 451 | 1.01 | 873 | 663 | 1.42 | 12.23 | Pd | |
| MP14FB | 123B2124 | 14.17 | 1/2 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 121 | 304 | 421 | 0.79 | 877 | 629 | 1.12 | 12.07 | Pd | |
| MP14FG | 123B2125 | 14.17 | 1/2 | LBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 121 | 303 | 420 | 0.79 | 877 | 627 | 1.12 | 12.03 | Pd | |
|  MPT14LA | 123B2126 | 14.32 | 1/2 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 242 | 419 | 534 | 0.99 | 984 | 780 | 1.38 | 12.25 | Pd | |
|  MPT16LA | 123B2127 | 16.15 | 1/2 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 245 | 462 | 605 | 1.00 | 1168 | 890 | 1.40 | 12.37 | Pd | |
|  MPT18LA | 123B2128 | 18.00 | 1/2 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 269 | 504 | 657 | 0.96 | 1260 | 966 | 1.35 | 12.81 | Pd | |
| MX21FGa | 123B2186 | 20.72 | 3/4 | LBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 212 | 463 | 630 | 0.96 | 1296 | 937 | 1.35 | 16.76 | Xd | |
| MX23FBa | 123B2132 | 23.20 | 7/8 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 259 | 534 | 718 | 0.96 | 1455 | 1065 | 1.35 | 16.61 | Xd | |
| MX23FGa | 123B2183 | 23.20 | 7/8 | LBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 259 | 534 | 718 | 0.95 | 1455 | 1065 | 1.34 | 16.74 | Xd | |
| MS26FB | 123B2193 | 25.93 | 3/4 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 182 | 571 | 814 | 0.97 | 1737 | 1222 | 1.37 | 21.63 | Sd | |
| MS26FG | 123B2194 | 25.93 | 3/4 | LBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 173 | 547 | 775 | 0.95 | 1626 | 1162 | 1.35 | 22.11 | Sd | |
| MS30FB | 123B2196 | 29.95 | 7/8 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 207 | 656 | 932 | 0.95 | 1969 | 1398 | 1.35 | 22.70 | Sd | |
|  MST34LA | 123B2191 | 34.42 | 1 3/8 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 617 | 857 | 1143 | 0.93 | 2276 | 1690 | 1.31 | 22.90 | Sd | |
|  MST38LA | 123B2192 | 38.00 | 1 5/8 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 697 | 959 | 1275 | 0.88 | 2542 | 1884 | 1.40 | 22.85 | Sd | |
| MS26F3 | 123B2195 | 25.93 | 3/4 | LBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 173 | 548 | 777 | 0.95 | 1626 | 1164 | 1.35 | 20.80 | Sd | |
| MS30F3 | 123B2197 | 29.95 | 7/8 | LBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 207 | 655 | 931 | 0.93 | 1968 | 1397 | 1.32 | 24.00 | Sd | |
| MS34F3 | 123B2199 | 34.42 | 1 | LBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 242 | 762 | 1085 | 0.99 | 2311 | 1630 | 1.40 | 22.90 | Sd | |

 Green Cooling Models

 New Models

See design drawing on pages 40-41

(n) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

R404A • R507 LBP • 60 Hz

| | MODEL | DANFOSS CODE (#) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | WEIGHT Kg | DESIGN | |
|---|----------|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|--------|----------|-----------|--|-----|------|--------|------|-------|--------------|--------|-----|
| | | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | | | CECOMAF (W) | | | ASHRAE | | | | | |
| | | | | | | | | | | | -40 | -30 | -25 | | -10 | -23.3 | | | |
| | | | | | | | | | | | | | W | COP | | W | | | COP |
| | ML45FR | 123B2160 | 4.56 | 1/6 | LBP | F | 115-127V 60Hz | CSIR | R | C-V | 61 | 117 | 157 | 0.72 | 321 | 233 | 1.01 | 9.21 | Lc |
| ✓ | MLY45LRa | 123B2141 | 4.56 | 1/6 | LBP | F | 115-127V 60Hz | CSIR | R | C-V | 64 | 143 | 192 | 0.87 | 379 | 284 | 1.23 | 9.20 | Lc |
| ✓ | MLY45LRb | 123B2142 | 4.56 | 1/6 | LBP | F | 115-127V 60Hz | CSR | R | C-V | 64 | 143 | 192 | 0.90 | 379 | 284 | 1.27 | 9.30 | Lc |
| | ML60FR | 123B2143 | 5.98 | 1/5 | LBP | F | 115-127V 60Hz | CSIR | R | C-V | 81 | 157 | 207 | 0.72 | 411 | 306 | 1.01 | 9.54 | Lc |
| ✓ | MLY60Lda | 123B2144 | 5.98 | 1/5 | LBP | F | 115V 60Hz | CSIR | R | C-V | 102 | 197 | 259 | 0.89 | 501 | 381 | 1.25 | 10.40 | Lc |
| ✓ | MLY60Ldb | 123B2145 | 5.98 | 1/5 | LBP | F | 115V 60Hz | CSR | R | C-V | 102 | 197 | 259 | 0.95 | 501 | 381 | 1.34 | 10.50 | Lc |
| | ML80FR | 123B2146 | 8.10 | 1/4 | LBP | F | 115-127V 60Hz | CSIR | R | C-V | 117 | 223 | 296 | 0.75 | 590 | 437 | 1.05 | 11.97 | Ld |
| | ML90FR | 123B2147 | 8.85 | 1/3 | LBP | F | 115-127V 60Hz | CSIR | R | C-V | 121 | 242 | 323 | 0.79 | 642 | 477 | 1.11 | 11.97 | Ld |
| ✓ | MLT90LD | 123B2148 | 9.09 | 1/4 | LBP | F | 115V 60Hz | CSR | R | C-V | 159 | 284 | 373 | 0.99 | 750 | 551 | 1.40 | 11.80 | Ld |
| ✓ | MLY12LRa | 123B2181 | 10.70 | 3/8 | LBP | F | 115-127V 60Hz | CSIR | R | C-V | 199 | 373 | 478 | 0.96 | 866 | 698 | 1.34 | 11.01 | Ld |
| ✓ | MLY12LRb | 123B2182 | 10.70 | 3/8 | LBP | F | 115-127V 60Hz | CSR | R | C-V | 200 | 369 | 476 | 1.00 | 890 | 698 | 1.41 | 11.11 | Ld |
| ✓ | MPT12LD | 123B2152 | 12.10 | 3/8 | LBP | F | 115V 60Hz | CSR | R | C-V | 225 | 397 | 515 | 1.01 | 993 | 756 | 1.41 | 11.50 | Pd |
| ✓ | MPT14LD | 123B2155 | 14.32 | 1/2 | LBP | F | 115V 60Hz | CSR | R | C-V | 258 | 453 | 590 | 0.96 | 1156 | 868 | 1.35 | 12.20 | Pd |
| ✓ | MPT16LD | 123B2184 | 16.10 | 1/2 | LBP | F | 115V 60Hz | CSR | R | C-V | 269 | 509 | 666 | 0.95 | 1285 | 979 | 1.33 | 12.65 | Pd |
| | MX21FR | 123B2185 | 20.72 | 3/4 | LBP | F | 115-127V 60Hz | CSR | R | C-V | 247 | 627 | 768 | 0.98 | 1001 | 1093 | 1.32 | 17.71 | Xd |
| | ML45FG | 123B2104 | 4.56 | 1/6 | LBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 61 | 117 | 157 | 0.68 | 321 | 233 | 0.97 | 10.87 | Lc |
| | ML60FG | 123B2108 | 5.98 | 1/5 | LBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 81 | 157 | 207 | 0.70 | 411 | 306 | 0.99 | 10.87 | Lc |
| | ML80FG | 123B2112 | 8.10 | 1/4 | LBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 117 | 223 | 296 | 0.76 | 590 | 437 | 1.07 | 12.20 | Ld |
| | ML90FG | 123B2116 | 8.85 | 1/3 | LBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 121 | 242 | 323 | 0.80 | 642 | 477 | 1.12 | 10.78 | Ld |
| ✓ | MLY12Lfa | 123B2179 | 10.70 | 3/8 | LBP | F | 208-230V 60Hz | CSIR | R | C-V | 179 | 343 | 451 | 0.92 | 882 | 665 | 1.29 | 11.06 | Ld |
| ✓ | MLY12Lfb | 123B2180 | 10.70 | 3/8 | LBP | F | 208-230V 60Hz | CSR | R | C-V | 179 | 343 | 451 | 0.94 | 882 | 665 | 1.33 | 11.16 | Ld |
| ✓ | MLY12Lga | 123B2121 | 10.70 | 3/8 | LBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 190 | 351 | 458 | 0.86 | 884 | 673 | 1.22 | 11.06 | Ld |
| ✓ | MLY12Lgb | 123B2122 | 10.70 | 3/8 | LBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 190 | 357 | 466 | 0.91 | 889 | 684 | 1.29 | 11.16 | Ld |
| | MP14FG | 123B2125 | 14.17 | 1/2 | LBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 142 | 355 | 492 | 0.82 | 1026 | 734 | 1.15 | 12.03 | Pd |
| ✓ | MPT14LF | 123B2156 | 14.32 | 1/2 | LBP | F | 208-230V 60Hz | CSR | R | C-V | 262 | 474 | 621 | 0.96 | 1223 | 914 | 1.36 | 12.30 | Pd |
| ✓ | MPT16LF | 123B2190 | 16.10 | 1/2 | LBP | F | 208-230V 60Hz | CSR | R | C-V | 390 | 524 | 685 | 0.97 | 1330 | 1008 | 1.36 | 12.11 | Pd |
| ✓ | MPT18LF | 123B2189 | 18.00 | 1/2 | LBP | F | 208-230V 60Hz | CSR | R | C-V | 417 | 560 | 733 | 0.97 | 1421 | 1078 | 1.36 | 12.97 | Pd |
| | MX21FGa | 123B2186 | 20.72 | 3/4 | LBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 247 | 540 | 735 | 0.94 | 1515 | 1093 | 1.32 | 16.76 | Xd |
| | MX23FGa | 123B2183 | 23.20 | 7/8 | LBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 303 | 627 | 843 | 0.93 | 1711 | 1250 | 1.32 | 16.74 | Xd |
| | MS26FF | 123B2201 | 25.93 | 3/4 | LBP | F | 208-230V 60Hz | CSR | R | C-V | 202 | 641 | 909 | 0.91 | 1902 | 1361 | 1.30 | 22.60 | Sd |
| | MS26FG | 123B2194 | 25.93 | 3/4 | LBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 202 | 640 | 907 | 0.92 | 1902 | 1358 | 1.31 | 22.11 | Sd |
| | MS30FF | 123B2202 | 29.95 | 7/8 | LBP | F | 208-230V 60Hz | CSR | R | C-V | 242 | 763 | 1086 | 0.92 | 2302 | 1628 | 1.31 | 22.70 | Sd |
| | MS30FG | 123B2203 | 29.95 | 7/8 | LBP | F | 208V 60Hz | CSR | R | C-V | 242 | 763 | 1086 | 0.95 | 2302 | 1628 | 1.36 | 22.70 | Sd |
| | MS34FF | 123B2211 | 34.42 | 1 | LBP | F | 208V 60Hz | CSR | R | C-V | 272 | 838 | 1216 | 0.91 | 2738 | 1838 | 1.30 | 22.90 | Sd |
| | MS26F3 | 123B2195 | 25.93 | 3/4 | LBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 202 | 641 | 909 | 0.92 | 1902 | 1361 | 1.31 | 20.80 | Sd |
| | MS30F3 | 123B2197 | 29.95 | 7/8 | LBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 242 | 763 | 1086 | 0.94 | 2302 | 1628 | 1.32 | 24.00 | Sd |
| | MS34F3 | 123B2199 | 34.42 | 1 | LBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 277 | 885 | 1263 | 0.96 | 2696 | 1896 | 1.35 | 22.90 | Sd |

















✓ Green Cooling Models

▲ New Models


See design drawing on pages 40-41

(*) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

R404A • R507 HMBP | HBP • 50 Hz

| MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | WEIGHT Kg | DESIGN | |
|---|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|--------|----------|-----------|--|------|-------------|-------------|------|-------------|--------------|--------|----|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | ASHRAE | | | | | |
| | | | | | | | | | | -25 | -15 | 5 | 10 | 7.2 | 7.2 | | | |
| | | W | COP | W | COP | | | | | | | | | | | | | |
| ML40TB | 123B2501 | 4.05 | 1/6 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 132 | 212 | 470 | 1.41 | 555 | 593 | 1.74 | 9.47 | Lc |
| ML40TG | 123B2502 | 4.05 | 1/6 | HMBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 132 | 212 | 470 | 1.41 | 555 | 593 | 1.74 | 9.12 | Lc |
| ML45TB | 123B2503 | 4.56 | 1/5 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 150 | 237 | 525 | 1.47 | 621 | 663 | 1.82 | 9.10 | Lc |
| ML45TG | 123B2504 | 4.50 | 1/6 | HMBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 160 | 261 | 572 | 1.59 | 673 | 721 | 1.95 | 9.14 | Lc |
|  MLT45RG | 123B2546 | 4.56 | 1/5 | HMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 160 | 262 | 591 | 1.91 | 699 | 747 | 2.36 | 9.75 | Ld |
| ML60TB | 123B2507 | 5.68 | 1/4 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 165 | 276 | 643 | 1.50 | 765 | 814 | 1.85 | 9.29 | Lc |
| ML60TG | 123B2508 | 5.68 | 1/4 | HMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 165 | 276 | 643 | 1.50 | 765 | 814 | 1.85 | 10.57 | Lc |
|  MLY60RAa | 123B2505 | 5.98 | 1/4 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 210 | 344 | 761 | 1.74 | 896 | 959 | 2.15 | 10.49 | Lc |
|  MLY60RAb | 123B2506 | 5.98 | 1/4 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 210 | 344 | 761 | 1.91 | 896 | 959 | 2.36 | 10.59 | Lc |
|  MLY60RGa | 123B2550 | 5.98 | 1/4 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 215 | 341 | 765 | 1.85 | 907 | 968 | 2.29 | 10.24 | Lc |
|  MLY60RGb | 123B2551 | 5.98 | 1/4 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 216 | 352 | 778 | 2.00 | 916 | 980 | 2.48 | 10.34 | Lc |
| ML80TB | 123B2511 | 7.57 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 225 | 383 | 875 | 1.61 | 1034 | 1105 | 1.99 | 9.68 | Ld |
| ML80TG | 123B2512 | 7.57 | 3/8 | HMBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 225 | 383 | 875 | 1.61 | 1034 | 1105 | 1.99 | 11.81 | Ld |
|  MLY80RAa | 123B2509 | 8.10 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 280 | 461 | 1049 | 1.84 | 1243 | 1326 | 2.27 | 11.29 | Ld |
|  MLY80RAb | 123B2510 | 8.00 | 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 280 | 461 | 1049 | 1.99 | 1243 | 1326 | 2.46 | 11.39 | Ld |
| ML90TB | 123B2515 | 8.85 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 280 | 461 | 1049 | 1.61 | 1243 | 1326 | 1.98 | 12.31 | Ld |
| ML90TG | 123B2516 | 8.85 | 3/8 | HMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 280 | 461 | 1049 | 1.61 | 1243 | 1326 | 1.98 | 11.29 | Ld |
|  MLY90RAa | 123B2513 | 9.09 | 3/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 316 | 509 | 1125 | 1.73 | 1327 | 1419 | 2.13 | 11.34 | Ld |
|  MLY90RAb | 123B2514 | 9.09 | 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 316 | 508 | 1129 | 1.89 | 1333 | 1425 | 2.34 | 11.44 | Ld |
|  MLT12RA | 123B2540 | 10.70 | 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 396 | 632 | 1379 | 1.88 | 1622 | 1738 | 2.31 | 11.59 | Ld |
|  MLT12RG | 123B2532 | 10.70 | 3/8 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 365 | 601 | 1337 | 1.83 | 1576 | 1686 | 2.26 | 12.24 | Ld |
|  MPT12RG | 123B2703 | 12.10 | 3/8 | HBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 482 | 689 | 1489 | 1.87 | 1769 | 1884 | 2.33 | 12.89 | Pd |
|  MPT12RA | 123B2518 | 12.10 | 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 437 | 723 | 1559 | 1.91 | 1823 | 1960 | 2.35 | 12.20 | Pd |
|  MPT14RA | 123B2704 | 14.32 | 1/2 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 789 | 1750 | 1.78 | 2068 | 2210 | 2.20 | 12.25 | Pd |
|  MPT16RA | 123B2715 | 16.10 | 2/3 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 878 | 1904 | 1.66 | 2248 | 2403 | 2.05 | 13.60 | Pd |
| MX18TBa | 123B2707 | 18.40 | 7/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 551 | 932 | 2143 | 1.76 | 2540 | 2710 | 2.18 | 16.33 | Xd |
| MX18TGa | 123B2541 | 18.40 | 7/8 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 551 | 932 | 2143 | 1.76 | 2540 | 2710 | 2.18 | 16.24 | Xd |
| MX21TBa | 123B2708 | 20.72 | 1 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 621 | 1047 | 2409 | 1.74 | 2857 | 3047 | 2.15 | 16.52 | Xd |
| MX21TGa | 123B2714 | 20.72 | 1 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 621 | 1047 | 2409 | 1.74 | 2857 | 3047 | 2.15 | 16.74 | Xd |
| MS22TB | 123B2553 | 21.75 | 1 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 451 | 967 | 2550 | 2.02 | 3060 | 3244 | 2.50 | 20.51 | Sc |
| MS26TB | 123B2555 | 25.93 | 1 3/8 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 671 | 1288 | 3164 | 2.00 | 3767 | 4010 | 2.46 | 22.12 | Sd |
| MS26TG | 123B2556 | 25.93 | 1 3/8 | HMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 671 | 1289 | 3166 | 2.00 | 3769 | 4012 | 2.46 | 23.00 | Sd |
| MS34TB | 123B2717 | 34.42 | 1 5/8 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 1850 | 4205 | 1.89 | 4930 | 5292 | 2.30 | 22.21 | Sd |
| MS34TG | 123B2718 | 34.42 | 1 5/8 | HBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | - | 1850 | 4205 | 1.89 | 4930 | 5292 | 2.30 | 22.78 | Sd |
|  MST38RA | 123B2716 | 38.00 | 2 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 2035 | 4625 | 1.89 | 5423 | 5821 | 2.30 | 22.65 | Sd |
| MS18T3 | 123B2552 | 18.10 | 7/8 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 421 | 834 | 2124 | 1.89 | 2543 | 2698 | 2.35 | 20.00 | Sc |
| MS22T3 | 123B2554 | 21.75 | 1 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 451 | 970 | 2560 | 1.98 | 3072 | 3256 | 2.45 | 20.00 | Sc |
| MS26T3 | 123B2557 | 25.93 | 1 3/8 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 671 | 1289 | 3166 | 1.98 | 3769 | 4012 | 2.45 | 18.60 | Sd |
| MS34T3 | 123B2558 | 34.42 | 1 5/8 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 1002 | 1850 | 4205 | 1.79 | 4930 | 5292 | 2.20 | 22.80 | Sd |













 Green Cooling Models

 New Models

See design drawing on pages 40-41

(†) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

R404A • R507 HMBP | HBP • 60 Hz

| MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|---|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|--------|----------|-----------|--|------|-------------|-------------|--------|-------------|-------------|-------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | | |
| | | | | | | | | | | -25 | -15 | 5 | | 10 | 7.2 | | | | |
| W | COP | W | COP | | | | | | | | | | | | | | | | |
| ML60TR | 123B2529 | 5.68 | 1/4 | HMBP | F | 115-127V 60Hz | CSIR | R | C-V | 193 | 323 | 753 | 1.48 | 896 | 954 | 1.83 | 10.58 | Lc | |
|  MLY60RDa | 123B2527 | 5.98 | 1/4 | HMBP | F | 115V 60Hz | CSIR | R | C-V | 250 | 408 | 900 | 1.70 | 1059 | 1134 | 2.10 | 10.55 | Lc | |
|  MLY60RDb | 123B2528 | 5.98 | 1/4 | HMBP | F | 115V 60Hz | CSR | R | C-V | 250 | 408 | 900 | 1.83 | 1059 | 1134 | 2.27 | 10.65 | Lc | |
|  MLY80RDa | 123B2530 | 8.10 | 3/8 | HMBP | F | 115V 60Hz | CSIR | R | C-V | 329 | 541 | 1224 | 1.75 | 1449 | 1547 | 2.15 | 11.21 | Ld | |
|  MLY80RDb | 123B2531 | 8.10 | 3/8 | HMBP | F | 115V 60Hz | CSR | R | C-V | 329 | 541 | 1224 | 1.81 | 1449 | 1547 | 2.22 | 11.31 | Ld | |
|  MLT12RR | 123B2547 | 10.70 | 1/2 | HMBP | F | 115-127V 60Hz | CSR | R | C-V | 463 | 736 | 1560 | 1.75 | 1825 | 1961 | 2.15 | 11.96 | Ld | |
|  MPT14RD | 123B2544 | 14.32 | 1/2 | HBP | F | 115V 60Hz | CSR | R | C-V | - | 929 | 1990 | 1.56 | 2351 | 2512 | 1.91 | 12.67 | Pd | |
| MX16TE | 123B2548 | 16.03 | 7/8 | HMBP | F | 115V 60Hz | CSR | R | C-V | 561 | 949 | 2185 | 1.62 | 2589 | 2762 | 2.00 | 17.20 | Xd | |
| MX18TE | 123B2545 | 18.40 | 7/8 | HMBP | F | 115V 60Hz | CSR | R | C-V | 644 | 1090 | 2507 | 1.62 | 2972 | 3170 | 2.00 | 17.20 | Xd | |
| ML40TG | 123B2502 | 4.05 | 1/6 | HMBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 155 | 248 | 553 | 1.39 | 653 | 698 | 1.70 | 9.12 | Lc | |
| ML45TG | 123B2504 | 4.56 | 1/6 | HMBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 190 | 310 | 672 | 1.55 | 788 | 846 | 1.89 | 9.14 | Lc | |
|  MLT45RG | 123B2546 | 4.56 | 1/5 | HMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 192 | 314 | 687 | 1.83 | 808 | 865 | 2.25 | 9.75 | Ld | |
| ML60TG | 123B2508 | 5.68 | 1/4 | HMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 193 | 323 | 753 | 1.49 | 896 | 954 | 1.83 | 10.57 | Lc | |
|  MLY60RGa | 123B2550 | 5.98 | 1/4 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 257 | 407 | 883 | 1.74 | 1039 | 1113 | 2.14 | 10.24 | Lc | |
|  MLY60RGb | 123B2551 | 5.98 | 1/4 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 258 | 416 | 897 | 1.89 | 1051 | 1128 | 2.33 | 10.34 | Lc | |
| ML80TG | 123B2512 | 7.57 | 3/8 | HMBP | F | 200-240/220-230V 50/60Hz | CSIR | R | C-V | 263 | 448 | 1022 | 1.59 | 1208 | 1291 | 1.96 | 11.81 | Ld | |
| ML90TG | 123B2516 | 8.85 | 3/8 | HMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 329 | 539 | 1227 | 1.54 | 1454 | 1551 | 1.89 | 11.29 | Ld | |
|  MLT12RG | 123B2532 | 10.70 | 3/8 | HMBP | F | 200-240/220-230V 50/60Hz | CSR | R | C-V | 441 | 702 | 1553 | 1.75 | 1833 | 1960 | 2.16 | 12.24 | Ld | |
|  MPT12RG | 123B2703 | 12.10 | 3/8 | HBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | - | 795 | 1725 | 1.79 | 2043 | 2179 | 2.22 | 12.89 | Pd | |
|  MPT14RF | 123B2543 | 14.32 | 1/2 | HBP | F | 208-230V 60Hz | CSR | R | C-V | - | 929 | 1990 | 1.56 | 2351 | 2512 | 1.91 | 12.67 | Pd | |
| MX18TGa | 123B2541 | 18.40 | 7/8 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 644 | 1090 | 2507 | 1.74 | 2972 | 3170 | 2.15 | 16.24 | Xd | |
| MX21TGa | 123B2714 | 20.72 | 1 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 726 | 1211 | 2781 | 1.72 | 3299 | 3518 | 2.12 | 16.74 | Xd | |
| MS26TG | 123B2556 | 25.93 | 1.375 | HMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 785 | 1508 | 3705 | 1.93 | 4411 | 4695 | 2.37 | 23.00 | Sd | |
| MS34TG | 123B2718 | 34.42 | 1.625 | HBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | - | 2163 | 4917 | 1.71 | 5762 | 6187 | 2.10 | 22.78 | Sd | |
| MS18T3 | 123B2552 | 18.10 | 7/8 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 491 | 971 | 2471 | 1.82 | 2959 | 3140 | 2.25 | 20.00 | Sc | |
| MS22T3 | 123B2554 | 21.75 | 1 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 527 | 1135 | 2995 | 1.94 | 3595 | 3810 | 2.40 | 20.00 | Sc | |
| MS26T3 | 123B2557 | 25.93 | 1.375 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 785 | 1508 | 3705 | 1.84 | 4411 | 4695 | 2.25 | 18.60 | Sd | |
| MS34T3 | 123B2558 | 34.42 | 1.625 | HMBP | F | 400/440V 50/60Hz | 3PHASE | P | C-V | 1172 | 2164 | 4916 | 1.71 | 5764 | 6187 | 2.10 | 22.80 | Sd | |

| | Conditions | | | |
|--|------------|----------|--------|----------|
| | CECOMAF | | ASHRAE | |
| | LBP | HMBP/HBP | LBP | HMBP/HBP |

| | | | | |
|----------------------------|-----|----|-------|-----|
| Evaporating temperature °C | -25 | 5 | -23.3 | 7.2 |
| Condensing temperature °C | 55 | 55 | 55 | 55 |
| Liquid temperature °C | 55 | 55 | 32 | 46 |
| Suction temperature °C | 32 | 32 | 32 | 35 |
| Ambient temperature °C | 32 | 32 | 32 | 35 |

 Green Cooling Models
 New Models

See design drawing on pages 40-41

(†) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

R290/R600a



Danfoss Light Commercial Refrigeration Compressors

R290 LBP • 50 Hz

| MODEL | DANFOSS CODE (a) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | WEIGHT Kg | DESIGN | |
|------------|------------------|---------------------------------|-------------|-------------|-------------|----------------------|-------|----------|-----------|--|-----|------------|-------------|-------|------------|--------------|--------|----|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | ASHRAE | | | | | |
| | | | | | | | | | | -40 | -30 | -25 | -10 | -23.3 | | | | |
| | | W | COP | | W | COP | | | | | | | | | | | | |
| NBC25CA | 123B8301 | 2.60 | 1/14 | LMBP | S | 220-240V 50Hz | RSIR | P | C | 40 | 56 | 76 | 1.01 | 159 | 104 | 1.33 | 5.46 | Be |
| NBC30NG | 123B8312 | 3.10 | 1/12 | LMBP | S/F | 220-240V 50/60Hz | CSIR | P | C-V | 52 | 73 | 98 | 1.06 | 195 | 135 | 1.39 | 6.42 | Bf |
| NBC35NA | 123B8303 | 3.50 | 1/12 | LMBP | S | 220-240V 50Hz | RSIR | P | C | 57 | 79 | 106 | 1.04 | 211 | 143 | 1.35 | 6.20 | Bf |
| NBC41NA | 123B8305 | 4.10 | 1/8 | LMBP | S | 220-240V 50Hz | CSIR | P | C-V | 72 | 102 | 136 | 0.99 | 272 | 185 | 1.29 | 6.10 | Bf |
| NUT40NA | 125B3388 | 4.00 | 1/8 | LMBP | S/F | 220-240V 50Hz | RSCR | P | C | 63 | 114 | 148 | 1.29 | 284 | 190 | 1.72 | 9.10 | Ub |
| NUC45NGa | 125B3329 | 4.50 | 1/8 | LMBP | F | 200-220/230V 50/60Hz | RSIR | P | C | 68 | 120 | 157 | 1.05 | 304 | 210 | 1.35 | 9.10 | Ub |
| NUC45NGb | 125B3330 | 4.50 | 1/8 | LMBP | F | 200-220/230V 50/60Hz | RSCR | P | C | 68 | 120 | 157 | 1.10 | 304 | 210 | 1.43 | 9.20 | Ub |
| NUY45LAa | 125B3160 | 4.50 | 1/8 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 65 | 122 | 159 | 1.21 | 306 | 214 | 1.57 | 9.30 | Ub |
| NUY45Lab | 125B3161 | 4.50 | 1/8 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 66 | 123 | 161 | 1.26 | 311 | 216 | 1.64 | 9.45 | Ub |
| NUS45NA(*) | 125B3355 | 4.50 | 1/8 | LMBP | F | 220-240V 50Hz | RSCR | P | C | 69 | 129 | 169 | 1.44 | 326 | 225 | 1.88 | 8.60 | Ub |
| NUM55CAa | 125B3189 | 5.50 | 1/6 | LBP | S/F | 220-240V 50Hz | RSIR | P | C | 79 | 147 | 193 | 1.11 | 373 | 260 | 1.45 | 8.30 | Ub |
| NUM55CAb | 125B3356 | 5.50 | 1/6 | LMBP | S/F | 220-240V 50Hz | RSCR | P | C | 79 | 147 | 193 | 1.19 | 373 | 260 | 1.55 | 8.30 | Ub |
| NUM55CAc | 125B3190 | 5.50 | 1/6 | LBP | S/F | 220-240V 50Hz | CSIR | R | C-V | 79 | 147 | 193 | 1.11 | 373 | 260 | 1.45 | 8.30 | Ub |
| NUM55CAd | 125B3357 | 5.50 | 1/6 | LMBP | S/F | 220-240V 50Hz | CSR | R | C-V | 79 | 147 | 193 | 1.19 | 373 | 260 | 1.55 | 8.30 | Ub |
| NUT55CAa | 125B3152 | 5.50 | 1/6 | LBP | F | 220-240V 50Hz | RSIR | P | C | 88 | 152 | 196 | 1.27 | 382 | 264 | 1.64 | 9.10 | Ub |
| NUT55CAb | 125B3153 | 5.50 | 1/6 | LBP | F | 220-240V 50Hz | RSCR | P | C | 88 | 152 | 196 | 1.39 | 382 | 264 | 1.80 | 9.21 | Ub |
| NUT55CAc | 125B3158 | 5.50 | 1/6 | LBP | S | 220-240V 50Hz | RSIR | P | C | 88 | 152 | 196 | 1.27 | 382 | 264 | 1.64 | 9.10 | Ub |
| NUT55CAe | 125B3159 | 5.50 | 1/6 | LBP | S | 220-240V 50Hz | RSCR | P | C | 88 | 152 | 196 | 1.39 | 382 | 264 | 1.80 | 9.21 | Ub |
| NUT55CAe | 125B3181 | 5.50 | 1/6 | LBP | F | 220-240V 50Hz | CSIR | P | C-V | 88 | 152 | 196 | 1.27 | 382 | 264 | 1.64 | 9.10 | Ub |
| NUT55NA | 125B3358 | 5.50 | 1/6 | LMBP | S/F | 220-240V 50Hz | RSCR | P | C | 100 | 176 | 225 | 1.50 | 417 | 260 | 1.72 | 9.10 | Ub |
| NUC55NGa | 125B3359 | 5.50 | 1/6 | LMBP | F | 200-220/230V 50/60Hz | RSIR | P | C | 89 | 154 | 198 | 1.04 | 386 | 265 | 1.35 | 8.60 | Ub |
| NUC55NGc | 125B3360 | 5.50 | 1/6 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 89 | 154 | 198 | 1.04 | 386 | 265 | 1.35 | 8.60 | Ub |
| NUS55NA(*) | 125B3361 | 5.50 | 1/6 | LMBP | F | 220-240V 50Hz | RSCR | P | C | 79 | 147 | 193 | 1.46 | 373 | 260 | 1.90 | 9.10 | Ub |
| NUM60CAa | 125B3191 | 6.00 | 1/6 | LBP | S/F | 220-240V 50Hz | RSIR | P | C | 98 | 170 | 219 | 1.11 | 427 | 295 | 1.45 | 8.30 | Ub |
| NUM60CAb | 125B3362 | 6.00 | 1/6 | LMBP | S/F | 220-240V 50Hz | RSCR | P | C | 98 | 170 | 219 | 1.19 | 427 | 295 | 1.55 | 8.30 | Ub |
| NUM60CAc | 125B3192 | 6.00 | 1/6 | LBP | S/F | 220-240V 50Hz | CSIR | R | C-V | 98 | 170 | 219 | 1.11 | 427 | 295 | 1.45 | 8.30 | Ub |
| NUM60CAe | 125B3363 | 6.00 | 1/6 | LMBP | S/F | 220-240V 50Hz | CSR | R | C-V | 98 | 170 | 219 | 1.19 | 427 | 295 | 1.55 | 8.30 | Ub |
| NUT60CAa | 125B3154 | 6.00 | 1/6 | LBP | F | 220-240V 50Hz | RSIR | P | C | 101 | 175 | 226 | 1.30 | 431 | 304 | 1.68 | 9.20 | Ub |
| NUT60CAb | 125B3155 | 6.00 | 1/6 | LBP | F | 220-240V 50Hz | RSCR | P | C | 101 | 175 | 226 | 1.41 | 431 | 304 | 1.82 | 9.31 | Ub |
| NUT60CAc | 125B3162 | 6.00 | 1/6 | LBP | S | 220-240V 50Hz | RSIR | P | C | 101 | 175 | 226 | 1.30 | 431 | 304 | 1.68 | 9.20 | Ub |
| NUT60CAe | 125B3163 | 6.00 | 1/6 | LBP | S | 220-240V 50Hz | RSCR | P | C | 101 | 175 | 226 | 1.41 | 431 | 304 | 1.82 | 9.31 | Ub |
| NUT60CAe | 125B3182 | 6.00 | 1/6 | LBP | F | 220-240V 50Hz | CSIR | P | C-V | 101 | 175 | 226 | 1.30 | 431 | 304 | 1.68 | 9.20 | Ub |
| NUT60NA | 125B3364 | 6.00 | 1/6 | LMBP | S/F | 220-240V 50Hz | RSCR | P | C | 107 | 182 | 232 | 1.30 | 432 | 295 | 1.72 | 9.10 | Ub |
| NUS60NA(*) | 125B3365 | 6.00 | 1/6 | LMBP | F | 220-240V 50Hz | RSCR | P | C | 98 | 170 | 219 | 1.46 | 427 | 295 | 1.90 | 9.31 | Ub |
| NUY60NGa | 125B3339 | 6.00 | 1/6 | LMBP | F | 220-240V 50Hz | CSIR | R | C-V | 125 | 164 | 213 | 1.10 | 411 | 295 | 1.43 | 9.40 | Ud |
| NUY60NGb | 125B3340 | 6.00 | 1/6 | LMBP | F | 220-240V 50Hz | CSR | R | C-V | 127 | 168 | 217 | 1.21 | 416 | 295 | 1.57 | 9.50 | Ud |
| NUY60NGd | 125B3341 | 6.00 | 1/6 | LMBP | S | 220-240V 50Hz | CSR | R | C-V | 118 | 158 | 206 | 1.14 | 405 | 280 | 1.49 | 9.50 | Ud |
| NUM70CAa | 125B3193 | 6.70 | 1/5 | LBP | F | 220-240V 50Hz | RSIR | P | C | 103 | 186 | 241 | 1.11 | 462 | 325 | 1.45 | 8.60 | Ub |
| NUM70CAb | 125B3366 | 6.70 | 1/5 | LMBP | F | 220-240V 50Hz | RSCR | P | C | 103 | 186 | 241 | 1.19 | 462 | 325 | 1.55 | 8.60 | Ub |
| NUM70CAc | 125B3194 | 6.70 | 1/5 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 103 | 186 | 241 | 1.11 | 462 | 325 | 1.45 | 8.60 | Ub |
| NUM70CAe | 125B3367 | 6.70 | 1/5 | LMBP | F | 220-240V 50Hz | CSR | R | C-V | 103 | 186 | 241 | 1.19 | 462 | 325 | 1.55 | 8.60 | Ub |
| NUT70CAa | 125B3156 | 6.70 | 1/5 | LBP | F | 220-240V 50Hz | RSIR | P | C | 109 | 195 | 250 | 1.30 | 463 | 335 | 1.68 | 9.20 | Ub |
| NUT70CAb | 125B3157 | 6.70 | 1/5 | LBP | F | 220-240V 50Hz | RSCR | P | C | 109 | 195 | 250 | 1.39 | 463 | 335 | 1.80 | 9.41 | Ub |
| NUT70CAc | 125B3171 | 6.70 | 1/5 | LBP | S | 220-240V 50Hz | RSIR | P | C | 109 | 195 | 250 | 1.30 | 463 | 335 | 1.68 | 9.20 | Ub |
| NUT70CAe | 125B3172 | 6.70 | 1/5 | LBP | S | 220-240V 50Hz | RSCR | P | C | 109 | 195 | 250 | 1.39 | 463 | 335 | 1.80 | 9.41 | Ub |
| NUT70CAe | 125B3183 | 6.70 | 1/5 | LBP | F | 220-240V 50Hz | CSIR | P | C-V | 109 | 195 | 250 | 1.30 | 463 | 335 | 1.68 | 9.20 | Ub |

Green Cooling Models

New Models

(*) Model under development. Provisional performance/data.









































See design drawing on pages 40-41

(a) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B


This table continues in the following page

Danfoss Light Commercial Refrigeration Compressors

R290 LBP • 50 Hz

| | MODEL | DANFOSS CODE (#) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | WEIGHT Kg | DESIGN |
|---|----------|------------------|---------------------------------|-------------|-------------|--------------------------|----------------------|-------|----------|-----------|--|-------------|-------------|--------|-------------|-------------|--------------|--------|
| | | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | |
| | | | | | | | | | | | CECOMAF (W) | | | ASHRAE | | | | |
| | | | | | | | | | | | -40 | -30 | -25 | -10 | -23.3 | | | |
| | | W | COP | W | COP | | | | | | | | | | | | | |
|  NUT70NA | 125B3368 | 6.70 | 1/5 | LMBP | F | 220-240V 50Hz | RSCR | P | C | 110 | 185 | 238 | 1.31 | 458 | 325 | 1.72 | 9.60 | Ud |
|  NUS70CA(*) | 125B3369 | 6.70 | 1/5 | LMBP | F | 220-240V 50Hz | RSCR | P | C | 107 | 187 | 241 | 1.44 | 463 | 325 | 1.88 | 9.20 | Uc |
|  NUC70NGa | 125B3370 | 6.70 | 1/5 | LMBP | F | 200-220/220-230V 50/60Hz | RSIR | P | C | 106 | 190 | 243 | 1.09 | 450 | 325 | 1.41 | 8.80 | Ub |
|  NUC70NGb | 125B3371 | 6.70 | 1/5 | LMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 106 | 190 | 243 | 1.16 | 450 | 325 | 1.50 | 8.80 | Ub |
|  NUM80CA | 125B3195 | 8.10 | 1/4 | LBP | F | 220-240V 50Hz | RSIR | P | C | 139 | 238 | 303 | 1.16 | 560 | 400 | 1.40 | 8.60 | Ud |
|  NUM80LAa | 125B3196 | 8.10 | 1/4 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 134 | 231 | 297 | 1.11 | 561 | 400 | 1.45 | 8.80 | Ub |
|  NUM80LAB | 125B3372 | 8.10 | 1/4 | LMBP | F | 220-240V 50Hz | CSR | R | C-V | 134 | 231 | 297 | 1.19 | 561 | 400 | 1.55 | 8.80 | Ub |
|  NUT80NA | 125B3373 | 8.10 | 1/4 | LMBP | F | 220-240V 50Hz | CSR | R | C-V | 134 | 231 | 297 | 1.31 | 561 | 400 | 1.70 | 9.60 | Ue |
|  NUY80NGa | 125B3331 | 8.10 | 1/4 | LMBP | F | 200-240/230V 50/60Hz | CSIR | R | C-V | 185 | 238 | 303 | 1.13 | 568 | 405 | 1.46 | 9.85 | Ud |
|  NUY80NGb | 125B3342 | 8.10 | 1/4 | LMBP | F | 200-240/230V 50/60Hz | CSR | R | C-V | 185 | 238 | 303 | 1.21 | 568 | 405 | 1.56 | 9.95 | Ud |
|  NUM90LA | 125B3197 | 8.90 | 1/4 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 155 | 261 | 331 | 1.19 | 609 | 440 | 1.55 | 9.30 | Uc |
|  NUY90CAa | 125B3173 | 8.90 | 1/4 | LBP | F | 220-240V 50Hz | RSIR | P | C | 157 | 267 | 338 | 1.21 | 614 | 451 | 1.55 | 9.30 | Uc |
|  NUY90CAb | 125B3174 | 8.90 | 1/4 | LBP | F | 220-240V 50Hz | RSCR | P | C | 158 | 270 | 342 | 1.28 | 625 | 457 | 1.64 | 9.40 | Uc |
|  NUY90LAa | 125B3170 | 8.90 | 1/4 | LBP | F | 220-240V 50Hz | CSIR | R | C-V | 157 | 267 | 338 | 1.21 | 614 | 451 | 1.55 | 9.40 | Uc |
|  NUY90LAB | 123B3177 | 8.90 | 1/4 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 158 | 270 | 342 | 1.28 | 625 | 457 | 1.64 | 9.50 | Uc |
|  NUM90NA | 125B3374 | 8.90 | 1/4 | LMBP | F | 220-240V 50Hz | RSCR | P | C | 155 | 256 | 327 | 1.17 | 617 | 430 | 1.50 | 9.60 | Ue |
|  NUT90LA | 125B3198 | 8.90 | 1/4 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 159 | 262 | 335 | 1.37 | 631 | 440 | 1.76 | 9.60 | Uc |
|  NUT90NA | 125B3343 | 8.90 | 1/4 | LMBP | F | 220-240V 50Hz | CSR | R | C-V | 159 | 262 | 335 | 1.33 | 631 | 440 | 1.70 | 9.80 | Ue |
|  NUY90NGa | 125B3333 | 8.90 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 148 | 251 | 322 | 1.12 | 613 | 430 | 1.45 | 9.80 | Ud |
|  NUY90NGb | 125B3334 | 8.90 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 148 | 251 | 322 | 1.21 | 613 | 430 | 1.55 | 9.80 | Ud |
|  NUG100NAa | 125B3344 | 10.50 | 1/4 | LMBP | F | 220-240V 50Hz | CSIR | R | C-V | 208 | 279 | 362 | 1.12 | 695 | 487 | 1.45 | 12.30 | Ue |
|  NUG100NAb | 125B3345 | 10.50 | 1/4 | LMBP | F | 220-240V 50Hz | CSR | R | C-V | 208 | 279 | 362 | 1.20 | 695 | 488 | 1.56 | 12.40 | Ue |
|  NUG100NGa(*) | 125B3382 | 10.50 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 208 | 279 | 362 | 1.12 | 695 | 487 | 1.45 | 12.30 | U+b |
|  NUG100NGb(*) | 125B3383 | 10.50 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 208 | 279 | 362 | 1.20 | 695 | 488 | 1.56 | 12.40 | U+b |
|  NUY120NAa | 125B3346 | 12.50 | 3/8 | LMBP | F | 220-240V 50Hz | CSIR | R | C-V | 250 | 335 | 435 | 1.08 | 835 | 585 | 1.41 | 12.40 | U+b |
|  NUY120NAb | 125B3347 | 12.50 | 3/8 | LMBP | F | 220-240V 50Hz | CSR | R | C-V | 250 | 335 | 435 | 1.17 | 835 | 585 | 1.52 | 12.50 | U+b |
|  NUY120NGa(*) | 125B3384 | 12.50 | 3/8 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 250 | 335 | 435 | 1.08 | 835 | 585 | 1.41 | 12.40 | U+b |
|  NUY120NGb(*) | 125B3385 | 12.50 | 3/8 | LMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 250 | 335 | 435 | 1.17 | 835 | 585 | 1.52 | 12.50 | U+b |
|  NUY140LAa | 125B3184 | 14.20 | 1/2 | LMBP | F | 220-240V 50Hz | CSIR | R | C-V | 288 | 386 | 501 | 1.10 | 962 | 670 | 1.41 | 12.34 | U+b |
|  NUY140LAB | 125B3185 | 14.20 | 1/2 | LMBP | F | 220-240V 50Hz | CSR | R | C-V | 296 | 397 | 515 | 1.23 | 989 | 680 | 1.59 | 12.44 | U+b |
|  NUG140NGa(*) | 125B3386 | 14.20 | 1/2 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 288 | 386 | 501 | 1.10 | 962 | 670 | 1.41 | 12.34 | U+b |
|  NUG140NGb(*) | 125B3387 | 14.20 | 1/2 | LMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 296 | 397 | 515 | 1.23 | 989 | 680 | 1.59 | 12.44 | U+b |
|  NPT16LA | 123B3124 | 16.15 | 1/2 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 254 | 440 | 564 | 1.16 | 1062 | 756 | 1.50 | 12.17 | Pd |
|  NPT18LA | 123B3125 | 18.00 | 2/3 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 269 | 473 | 611 | 1.13 | 1165 | 820 | 1.46 | 12.30 | Pd |
|  NX21FBa | 123B3127 | 20.72 | 2/3 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 267 | 517 | 675 | 1.11 | 1275 | 907 | 1.44 | 16.99 | Xd |
|  NX23FBa | 123B3128 | 23.20 | 3/4 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 297 | 572 | 746 | 1.09 | 1411 | 1003 | 1.41 | 16.75 | Xd |
|  NST26NA | 123B3177 | 25.93 | 3/4 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 370 | 537 | 743 | 1.14 | 1601 | 1018 | 1.49 | 21.60 | Sd |
|  NST30NG | 123B3325 | 29.95 | 7/8 | LBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 456 | 649 | 890 | 1.03 | 1897 | 1215 | 1.35 | 21.80 | Sd |
|  NST34LA | 123B3175 | 34.42 | 1 | LBP | F | 220-240V 50Hz | CSR | R | C-V | 657 | 878 | 1143 | 1.19 | 2210 | 1539 | 1.53 | 23.00 | Sd |
|  NST38NA | 123B3324 | 38.00 | 1 1/2 | LMHBP | F | 220-240V 50Hz | CSR | R | C-V | 734 | 1000 | 1315 | 1.18 | 2558 | 1774 | 1.53 | 23.00 | Sd |

 Green Cooling Models

 New Models

(*) Model under development. Provisional performance/data.

See design drawing on pages 40-41

(#) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

Danfoss Light Commercial Refrigeration Compressors

R290 LBP | LMBP • 60 Hz

| MODEL | DANFOSS CODE (α) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|--------------|------------------|---------------------------------|-------------|-------------|-------------|----------------------|-------|----------|-----------|--|-----|------------|-------------|--------|------------|-------------|-------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | | |
| | | | | | | | | | | -40 | -30 | -25 | | -10 | -23.3 | | | | |
| | | | | | | | | | | | | W | COP | | W | COP | | | |
| NBC30NR | 123B8311 | 3.10 | 1/12 | LMBP | S/F | 115-127V 60Hz | CSIR | R | C-V | 50 | 89 | 118 | 1.07 | 242 | 159 | 1.40 | 6.10 | Bf | |
| NUT35NRa | 125B3327 | 3.50 | 1/12 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 61 | 107 | 142 | 1.14 | 290 | 192 | 1.56 | 9.12 | Uc | |
| NUT35NRb | 125B3328 | 3.50 | 1/12 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 61 | 107 | 142 | 1.21 | 290 | 192 | 1.61 | 9.19 | Uc | |
| NUT35NRc | 125B3335 | 3.50 | 1/12 | LMBP | F | 115-127V 60Hz | RSIR | P | C | 61 | 107 | 142 | 1.14 | 290 | 192 | 1.56 | 9.12 | Uc | |
| NUT35NRd | 125B3336 | 3.50 | 1/12 | LMBP | F | 115-127V 60Hz | RSCR | P | C | 61 | 107 | 142 | 1.21 | 290 | 192 | 1.61 | 9.19 | Uc | |
| NUT40NRa | 125B3348 | 4.00 | 1/8 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 72 | 128 | 169 | 1.15 | 347 | 229 | 1.55 | 9.15 | Uc | |
| NUT40NRb | 125B3349 | 4.00 | 1/8 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 72 | 128 | 169 | 1.23 | 347 | 229 | 1.65 | 9.22 | Uc | |
| NUT40NRc | 125B3337 | 4.00 | 1/8 | LMBP | F | 115-127V 60Hz | RSIR | P | C | 72 | 128 | 169 | 1.23 | 347 | 229 | 1.55 | 9.22 | Uc | |
| NUT40NRd | 125B3338 | 4.00 | 1/8 | LMBP | F | 115-127V 60Hz | RSCR | P | C | 72 | 128 | 169 | 1.23 | 347 | 229 | 1.65 | 9.22 | Uc | |
| NUY45NRa | 125B3175 | 4.50 | 1/8 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 76 | 136 | 180 | 1.15 | 363 | 243 | 1.50 | 9.12 | Uc | |
| NUY45NRb | 125B3317 | 4.50 | 1/8 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 73 | 137 | 182 | 1.23 | 369 | 247 | 1.60 | 9.19 | Uc | |
| NUT45NR | 125B3375 | 4.50 | 1/8 | LMBP | F | 115-127V 60Hz | RSCR | P | C | 77 | 144 | 191 | 1.29 | 389 | 260 | 1.68 | 9.40 | Ud | |
| NUT55LRa | 125B3164 | 5.50 | 1/6 | LBP | F | 115-127V 60Hz | CSIR | R | C-V | 110 | 189 | 243 | 1.24 | 460 | 331 | 1.60 | 9.47 | Ub | |
| NUT55LRb | 125B3165 | 5.50 | 1/6 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 110 | 193 | 247 | 1.34 | 463 | 331 | 1.73 | 9.54 | Ub | |
| NUT55LRc | 125B3168 | 5.50 | 1/6 | LBP | S | 115-127V 60Hz | CSIR | R | C-V | 110 | 189 | 243 | 1.24 | 460 | 331 | 1.60 | 9.47 | Ub | |
| NUT55LRd | 125B3169 | 5.50 | 1/6 | LBP | S | 115-127V 60Hz | CSR | R | C-V | 110 | 193 | 247 | 1.34 | 463 | 331 | 1.73 | 9.54 | Ub | |
| NUY55NRa | 125B3376 | 5.50 | 1/6 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 105 | 184 | 235 | 1.21 | 441 | 312 | 1.55 | 9.10 | Ub | |
| NUY55NRc | 125B3377 | 5.50 | 1/6 | LMBP | S | 115-127V 60Hz | CSIR | R | C-V | 105 | 184 | 235 | 1.21 | 441 | 312 | 1.50 | 9.10 | Ub | |
| NUT60LRa | 123B3186 | 6.00 | 1/6 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 122 | 207 | 266 | 1.24 | 508 | 357 | 1.60 | 9.40 | Ub | |
| NUT60LRb | 123B3187 | 6.00 | 1/6 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 122 | 213 | 273 | 1.34 | 513 | 366 | 1.73 | 9.50 | Ub | |
| NUT60LRc | 125B3166 | 6.00 | 1/6 | LMBP | S | 115-127V 60Hz | CSIR | R | C-V | 122 | 207 | 266 | 1.24 | 508 | 357 | 1.60 | 9.40 | Ub | |
| NUT60LRd | 125B3167 | 6.00 | 1/6 | LMBP | S | 115-127V 60Hz | CSR | R | C-V | 122 | 213 | 273 | 1.34 | 513 | 366 | 1.73 | 9.50 | Ub | |
| NUY60NGa | 125B3339 | 6.00 | 1/6 | LMBP | F | 220-240V 50Hz | CSIR | R | C-V | 149 | 196 | 253 | 1.14 | 492 | 340 | 1.48 | 9.40 | Ud | |
| NUY60NGb | 125B3340 | 6.00 | 1/6 | LMBP | F | 220-240V 50Hz | CSR | R | C-V | 149 | 196 | 253 | 1.24 | 492 | 340 | 1.61 | 9.50 | Ud | |
| NUY60NGd | 125B3341 | 6.00 | 1/6 | LMBP | S | 220-240V 50Hz | CSR | R | C-V | 142 | 188 | 244 | 1.18 | 483 | 330 | 1.54 | 9.50 | Ud | |
| NUY70NRa | 125B3318 | 6.70 | 1/5 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 129 | 231 | 297 | 1.22 | 551 | 398 | 1.57 | 9.40 | Uc | |
| NUY70NRb | 125B3321 | 6.70 | 1/5 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 129 | 231 | 297 | 1.30 | 551 | 398 | 1.68 | 9.40 | Uc | |
| NUY70NRc | 125B3319 | 6.70 | 1/5 | LMBP | S | 115-127V 60Hz | CSIR | R | C-V | 129 | 231 | 297 | 1.22 | 551 | 398 | 1.57 | 9.40 | Uc | |
| NUY70NRd | 125B3322 | 6.70 | 1/5 | LMBP | S | 115-127V 60Hz | CSR | R | C-V | 129 | 231 | 297 | 1.30 | 551 | 398 | 1.68 | 9.40 | Uc | |
| NUY80NRa | 125B3323 | 8.10 | 1/4 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 154 | 272 | 363 | 1.29 | 703 | 476 | 1.58 | 9.30 | Uc | |
| NUY80NRb | 125B3324 | 8.10 | 1/4 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 154 | 272 | 363 | 1.37 | 703 | 476 | 1.67 | 9.30 | Uc | |
| NUY90NRa | 125B3314 | 8.90 | 1/4 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 167 | 300 | 391 | 1.21 | 767 | 528 | 1.55 | 9.40 | Uc | |
| NUY90NRb | 125B3320 | 8.90 | 1/4 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 167 | 300 | 391 | 1.29 | 767 | 528 | 1.65 | 9.40 | Uc | |
| NUT90LR | 125B3199 | 8.90 | 1/4 | LBP | F | 115-127V/60Hz | CSR | R | C-V | 167 | 300 | 391 | 1.34 | 767 | 528 | 1.72 | 9.50 | Uc | |
| NUG100NR | 125B3378 | 10.50 | 1/4 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 165 | 281 | 360 | 1.30 | 685 | 570 | 1.65 | 12.40 | Ue | |
| NPY12LRa | 123B3137 | 12.10 | 3/8 | LBP | F | 115-127V 60Hz | CSIR | R | C-V | 199 | 362 | 473 | 1.04 | 927 | 637 | 1.35 | 11.77 | Pd | |
| NPY12LRb | 123B3138 | 12.10 | 3/8 | LBP | F | 115-127V 60Hz | CSR | R | C-V | 199 | 362 | 473 | 1.11 | 927 | 637 | 1.44 | 11.87 | Pd | |
| NUY120NRa(*) | 125B3379 | 12.50 | 3/8 | LMBP | F | 115-127V 60Hz | CSIR | R | C-V | 203 | 345 | 442 | 1.23 | 841 | 700 | 1.55 | 12.40 | U+b | |
| NUY120NRb(*) | 125B3380 | 12.50 | 3/8 | LMBP | F | 115-127V 60Hz | CSR | R | C-V | 203 | 345 | 442 | 1.30 | 841 | 700 | 1.65 | 12.50 | U+b | |
| NPT14ND | 123B3328 | 14.32 | 1/2 | LMBP | F | 115V 60Hz | CSR | R | C-V | 251 | 434 | 562 | 1.08 | 1095 | 756 | 1.40 | 12.20 | Pd | |
| NPT16LR | 123B3165 | 16.10 | 1/2 | LBP | F | 115-127V 60Hz | CSR | R | C-V | 288 | 492 | 637 | 1.10 | 1244 | 857 | 1.42 | 12.70 | Pd | |

This table continues in the following page

 Green Cooling Models
 New Models









(*) Model under development. Provisional performance/data.

See design drawing on pages 40-41


(α) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

Danfoss Light Commercial Refrigeration Compressors

R290 LBP | LMBP • 60 Hz

| | MODEL | DANFOSS CODE (α) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|--|--------------|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|-------|----------|-----------|--|-----|-------------|-------------|--------|-------------|-------------|-------|--------------|--------|
| | | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | | |
| | | | | | | | | | | | -40 | -30 | -25 | | -10 | -23.3 | | | | |
| | | | | | | | | | | | | | W | COP | | W | COP | | | |
|  | NBC30NG | 123B8312 | 3.10 | 1/12 | LMHBP | S/F | 220-240V 50/60Hz | CSIR | R | C-V | 52 | 92 | 122 | 1.10 | 250 | 165 | 1.42 | 6.42 | Bf | |
|  | NUC45NGa | 125B3329 | 4.50 | 1/8 | LMBP | F | 200-220/230V 50/60Hz | RSIR | P | C | 75 | 141 | 187 | 1.11 | 381 | 252 | 1.45 | 9.11 | Ub | |
|  | NUC45NGb | 125B3330 | 4.50 | 1/8 | LMBP | F | 200-220/230V 50/60Hz | RSCR | P | C | 75 | 141 | 187 | 1.14 | 381 | 252 | 1.49 | 9.21 | Ub | |
|  | NUT55NU | 125B3381 | 5.50 | 1/6 | LMBP | F | 220-240V 60Hz | RSCR | R | C | 116 | 195 | 250 | 1.29 | 475 | 325 | 1.70 | 9.40 | Ub | |
|  | NUC55NGa | 125B3359 | 5.50 | 1/6 | LMBP | F | 200-220/230V 50/60Hz | RSIR | P | C | 106 | 186 | 237 | 1.15 | 445 | 314 | 1.48 | 8.60 | Ub | |
|  | NUC55NGc | 125B3360 | 5.50 | 1/6 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 106 | 186 | 237 | 1.15 | 445 | 314 | 1.48 | 8.60 | Ub | |
|  | NUC70NGa | 125B3370 | 6.70 | 1/5 | LMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 127 | 228 | 294 | 1.17 | 542 | 393 | 1.51 | 8.95 | Uc | |
|  | NUC70NGb | 125B3371 | 6.70 | 1/5 | LMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 127 | 228 | 294 | 1.23 | 542 | 393 | 1.58 | 8.95 | Uc | |
|  | NUY80NGa | 125B3331 | 8.10 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 223 | 286 | 363 | 1.24 | 673 | 485 | 1.50 | 9.85 | Ud | |
|  | NUY80NGb | 125B3342 | 8.10 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 223 | 286 | 363 | 1.32 | 673 | 485 | 1.60 | 9.95 | Ud | |
|  | NUY90LFa | 125B3178 | 8.90 | 1/4 | LMBP | F | 208-230V 60Hz | CSIR | R | C-V | 168 | 297 | 383 | 1.10 | 724 | 514 | 1.42 | 9.28 | Uc | |
|  | NUY90NGa | 125B3333 | 8.90 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 148 | 251 | 322 | 1.03 | 613 | 510 | 1.50 | 9.80 | Ud | |
|  | NUY90NGb | 125B3334 | 8.90 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 148 | 251 | 322 | 1.21 | 613 | 510 | 1.60 | 9.80 | Ud | |
|  | NUG100NGa(*) | 125B3382 | 10.50 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 165 | 281 | 360 | 1.23 | 685 | 570 | 1.55 | 12.30 | Ue | |
|  | NUG100NGb(*) | 125B3383 | 10.50 | 1/4 | LMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 165 | 281 | 360 | 1.30 | 685 | 570 | 1.65 | 12.40 | Ue | |
|  | NUY120NGa(*) | 125B3384 | 12.50 | 3/8 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 203 | 345 | 442 | 1.23 | 841 | 700 | 1.55 | 12.40 | U+b | |
|  | NUY120NGb(*) | 125B3385 | 12.50 | 3/8 | LMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 203 | 345 | 442 | 1.30 | 841 | 700 | 1.65 | 12.50 | U+b | |
|  | NPY14LFa | 123B3139 | 14.32 | 1/2 | LBP | F | 208-230V 60Hz | CSIR | R | C-V | 269 | 466 | 603 | 1.04 | 1175 | 812 | 1.34 | 12.19 | Pd | |
|  | NPY14LFb | 123B3140 | 14.32 | 1/2 | LBP | F | 208-230V 60Hz | CSR | R | C-V | 269 | 466 | 603 | 1.09 | 1175 | 812 | 1.42 | 12.29 | Pd | |
|  | NUG140NGa(*) | 125B3386 | 14.20 | 1/2 | LMBP | F | 200-220/230V 50/60Hz | CSIR | R | C-V | 238 | 404 | 518 | 1.23 | 820 | 820 | 1.55 | 12.34 | U+b | |
|  | NUG140NGb(*) | 125B3387 | 14.20 | 1/2 | LMBP | F | 200-220/230V 50/60Hz | CSR | R | C-V | 238 | 404 | 518 | 1.30 | 820 | 820 | 1.65 | 12.44 | U+b | |
|  | NPT16NF | 123B3326 | 16.10 | 1/2 | LMBP | F | 208-230V 60Hz | CSR | R | C-V | 381 | 498 | 644 | 1.07 | 1253 | 866 | 1.39 | 12.15 | Pd | |
|  | NST30NG | 123B3325 | 29.95 | 7/8 | LBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 527 | 755 | 1041 | 1.05 | 2250 | 1425 | 1.37 | 21.80 | Sd | |

 Green Cooling Models

 New Models

(*) Model under development. Provisional performance/data.

See design drawing on pages 40-41

(α) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

Danfoss Light Commercial Refrigeration Compressors

R290 HMBP | HBP • 50 Hz

Natural Refrigerant

| MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|----------|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|-------|----------|-----------|--|------|------|------|------|--------|------|-------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | | ASHRAE | | | | |
| | | | | | | | | | | -25 | -15 | 5 | | 10 | 7.2 | | | | |
| | | | | | | | | | | | | W | COP | | W | COP | | | |
| NBC22RA | 123B8309 | 2.20 | 1/120 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 54 | 93 | 222 | 1.87 | 264 | 265 | 2.21 | 5.20 | Bc | |
| NBC30RA | 123B8310 | 3.10 | 1/12 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 100 | 157 | 354 | 2.21 | 421 | 423 | 2.61 | 5.80 | Be | |
| NUY45RAa | 125B3704 | 4.50 | 1/8 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 142 | 231 | 516 | 2.36 | 610 | 615 | 2.77 | 9.30 | Ub | |
| NUY55RAa | 125B3706 | 5.50 | 1/6 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 192 | 298 | 653 | 2.29 | 771 | 778 | 2.69 | 9.50 | Ub | |
| NUY60RAa | 125B3708 | 6.00 | 1/6 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 208 | 328 | 714 | 2.32 | 841 | 850 | 2.72 | 9.48 | Ub | |
| NUY70RAa | 125B3513 | 6.70 | 1/5 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 248 | 382 | 817 | 2.34 | 961 | 972 | 2.75 | 9.60 | Uc | |
| NUY70RAB | 125B3514 | 6.70 | 1/5 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 248 | 382 | 817 | 2.47 | 961 | 972 | 2.90 | 9.70 | Uc | |
| NUY80RAa | 125B3515 | 8.10 | 1/4 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 287 | 456 | 931 | 2.21 | 1078 | 1100 | 2.60 | 9.43 | Uc | |
| NUY80RAB | 125B3711 | 8.10 | 1/4 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 456 | 958 | 2.14 | 1127 | 1140 | 2.71 | 9.53 | Uc | |
| NUY90RAa | 125B3314 | 8.90 | 1/4 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 290 | 461 | 1045 | 2.25 | 1240 | 1247 | 2.50 | 9.80 | Uc | |
| NUY90RAB | 125B3710 | 8.90 | 1/4 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 290 | 461 | 1045 | 2.25 | 1240 | 1247 | 2.70 | 9.80 | Uc | |
| NLY12RAa | 123B3529 | 10.70 | 1/3 | HMBP | F | 220-240V 50Hz | CSIR | R | C-V | 379 | 584 | 1224 | 2.06 | 1432 | 1453 | 2.41 | 11.44 | Ld | |
| NLY12RAB | 123B3530 | 10.70 | 1/3 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 379 | 597 | 1249 | 2.28 | 1457 | 1480 | 2.66 | 11.54 | Ld | |
| NLY12RGa | 123B3531 | 10.70 | 1/3 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 341 | 553 | 1217 | 2.03 | 1432 | 1448 | 2.39 | 12.14 | Ld | |
| NLY12RGB | 123B3532 | 10.70 | 1/3 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 355 | 554 | 1226 | 2.20 | 1450 | 1462 | 2.58 | 12.24 | Ld | |
| NPY12RAa | 123B3701 | 12.10 | 3/8 | HBP | F | 220-240V 50Hz | CSIR | R | C-V | - | 635 | 1460 | 2.08 | 1735 | 1745 | 2.45 | 12.16 | Pd | |
| NPY12RAB | 123B3702 | 12.10 | 3/8 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 635 | 1460 | 2.28 | 1735 | 1745 | 2.70 | 12.26 | Pd | |
| NPT14RA | 123B3703 | 14.32 | 1/2 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 763 | 1709 | 2.26 | 2085 | 2065 | 2.69 | 12.25 | Pd | |
| NPT16RA | 123B3712 | 16.10 | 1/2 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 853 | 1911 | 2.18 | 2331 | 2310 | 2.55 | 12.34 | Pd | |
| NX18TBa | 123B3514 | 18.40 | 2/3 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 511 | 852 | 2039 | 2.22 | 2440 | 2445 | 2.61 | 16.14 | Xd | |
| NX21TBa | 123B3515 | 20.72 | 2/3 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 601 | 973 | 2267 | 2.18 | 2705 | 2714 | 2.55 | 16.09 | Xd | |
| NX21TGa | 12,3B3593 | 20.72 | 2/3 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 601 | 975 | 1085 | 2.06 | 2661 | 2675 | 2.41 | 16.20 | Xd | |
| NST26RA | 123B3537 | 25.93 | 3/4 | HMBP | F | 220-240V 50Hz | CSR | R | C-V | 728 | 1264 | 2931 | 2.40 | 3472 | 3498 | 2.82 | 22.00 | Sd | |
| NST34RA | 123B3714 | 34.42 | 1 | HBP | F | 220-240V 50Hz | CSR | R | C-V | - | 1822 | 4010 | 2.28 | 4752 | 4786 | 2.67 | 21.10 | Sd | |
| NST38NA | 123B3324 | 38.00 | 1.5 | LMHBP | F | 220-240V 50Hz | CSR | R | C-V | 1095 | 2003 | 4409 | 2.06 | 5225 | 5262 | 2.40 | 22.20 | Sd | |

R290 HMBP | HBP • 60 Hz

Natural Refrigerant

| MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|----------|------------------|---------------------------------|-------------|-------------|-------------|--------------------------|-------|----------|-----------|--|------|------|------|------|--------|------|-------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | | ASHRAE | | | | |
| | | | | | | | | | | -25 | -15 | 5 | | 10 | 7.2 | | | | |
| | | | | | | | | | | | | W | COP | | W | COP | | | |
| NLT12RR | 123B3533 | 10.70 | 1/3 | HMBP | F | 115-127V 60Hz | CSR | R | C-V | 424 | 691 | 1501 | 2.15 | 1761 | 1784 | 2.51 | 11.91 | Ld | |
| NPT14RR | 123B3534 | 14.32 | 1/2 | HMBP | F | 115-127V 60Hz | CSR | R | C-V | 590 | 938 | 1987 | 2.20 | 2323 | 2360 | 2.60 | 13.35 | Pd | |
| NPT16RR | 123B3535 | 16.15 | 1/2 | HMBP | F | 115-127V 60Hz | CSR | R | C-V | 629 | 963 | 2204 | 2.11 | 2633 | 2570 | 2.45 | 13.74 | Pd | |
| NLY12RGa | 123B3531 | 10.70 | 1/3 | HMBP | F | 200-220/220-230V 50/60Hz | CSIR | R | C-V | 418 | 669 | 1445 | 2.07 | 1696 | 1718 | 2.41 | 12.14 | Ld | |
| NLY12RGB | 123B3532 | 10.70 | 1/3 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 429 | 679 | 1469 | 2.25 | 1727 | 1747 | 2.63 | 12.24 | Ld | |
| NX21TGa | 123B3539 | 20.72 | 2/3 | HMBP | F | 200-220/220-230V 50/60Hz | CSR | R | C-V | 694 | 1181 | 2638 | 2.02 | 3102 | 3138 | 2.34 | 16.20 | Xd | |

Green Cooling Models




























New Models

See design drawing on pages 40-41

(†) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

Danfoss Light Commercial Refrigeration Compressors

R600a LBP • 50 Hz

| MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR-COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | | | WEIGHT Kg | DESIGN |
|--|------------------|---------------------------------|-------------|-------------|-------------|----------------------|-------|----------|-----------|--|-----|------------|-------------|--------|------------|-------------|------|--------------|--------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | ASHRAE | | | | | |
| | | | | | | | | | | 35 | -30 | -25 | | -10 | -23.3 | | | | |
| | | | | | | | | | | | | W | COP | | W | COP | | | |
|  L22CL | 123B8401 | 2.20 | 1/20 | LBP | S | 220-240V 50Hz | RSIR | P | C | 13 | 18 | 23 | 0.67 | 46 | 30 | 0.85 | 3.60 | Lb | |
|  L30CL | 123B8402 | 3.10 | 1/12 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 21 | 28 | 37 | 0.77 | 78 | 48 | 0.98 | 3.80 | Lc | |
|  HL30NA | 123B8426 | 3.10 | 1/12 | LMBP | S | 220-240V 50Hz | RSCR | P | C | 21 | 28 | 37 | 1.10 | 79 | 48 | 1.43 | 4.50 | HLb | |
|  HYB35MHJa | 125B4196 | 3.50 | 1/12 | LBP | S | 220-240V 50Hz | RSIR | P | C | 23 | 31 | 41 | 1.07 | 86 | 55 | 1.35 | 4.70 | HYBc | |
|  HYB35MGJa | 125B4197 | 3.50 | 1/12 | LBP | S | 220-240V 50Hz | RSCR | P | C | 23 | 31 | 41 | 1.20 | 86 | 55 | 1.52 | 5.00 | HYBd | |
|  HL35NA | 123B8427 | 3.50 | 1/12 | LMBP | S | 220-240V 50Hz | RSCR | P | C | 23 | 31 | 41 | 1.10 | 78 | 56 | 1.43 | 4.90 | HLb | |
|  HYB40MJa | 125B4198 | 4.00 | 1/10 | LBP | S | 220-240V 50Hz | RSIR | P | C | 27 | 36 | 48 | 0.91 | 91 | 65 | 1.15 | 4.40 | HYBc | |
|  HYB40MHJa | 125B4201 | 4.00 | 1/10 | LBP | S | 220-240V 50Hz | RSIR | P | C | 27 | 36 | 48 | 1.05 | 91 | 65 | 1.33 | 4.70 | HYBd | |
|  B43CB | 123B8405 | 4.30 | 1/10 | LBP | S | 220-240V 50Hz | RSIR | P | C | 29 | 39 | 51 | 0.90 | 108 | 69 | 1.15 | 4.60 | Bc | |
|  B43CB | 123B8405 | 4.30 | 1/10 | LBP | S | 220-240V 50Hz | RSCR | P | C | 29 | 39 | 51 | 1.02 | 108 | 69 | 1.30 | 4.60 | Bc | |
|  HK48NA | 123B8428 | 4.80 | 1/8 | LMBP | S | 220-240V 50Hz | RSCR | P | C | 30 | 41 | 53 | 1.10 | 112 | 73 | 1.43 | 5.20 | HKb | |
|  HYB50MHJa | 125B4199 | 5.00 | 1/8 | LBP | S | 220-240V 50Hz | RSIR | P | C | 32 | 43 | 56 | 1.03 | 119 | 75 | 1.30 | 4.70 | HYBd | |
|  HYB50MGJa | 125B4202 | 5.00 | 1/8 | LBP | S | 220-240V 50Hz | RSCR | P | C | 35 | 47 | 61 | 1.21 | 129 | 82 | 1.53 | 5.00 | HYBd | |
|  B52CL | 123B8408 | 5.20 | 1/8 | LBP | S | 220-240V 50Hz | RSIR | P | C | 33 | 44 | 58 | 0.90 | 123 | 78 | 1.20 | 4.60 | Bc | |
|  B52CL | 123B8408 | 5.20 | 1/8 | LBP | S | 220-240V 50Hz | RSIR | P | C | 33 | 44 | 58 | 1.10 | 123 | 78 | 1.42 | 5.20 | Bd | |
|  HYB60MHU | 125B4223 | 6.00 | 1/6 | LBP | S | 220-240V 50Hz | RSIR | P | C | 43 | 57 | 75 | 1.07 | 159 | 100 | 1.35 | 5.30 | HYBe | |
|  HYB60MKUa | 125B4224 | 6.00 | 1/6 | LBP | S | 220-240V 50Hz | RSCR | P | C | 43 | 57 | 75 | 1.31 | 159 | 100 | 1.65 | 6.20 | HYBf | |
|  HYB69MKUa | 125B4225 | 6.90 | 1/5 | LBP | S | 220-240V 50Hz | RSCR | P | C | 57 | 77 | 101 | 1.31 | 214 | 118 | 1.65 | 6.30 | HYBf | |
|  HYE81MGUa | 125B4205 | 8.10 | 1/4 | LBP | S | 220-240V 50Hz | RSCR | P | C | 64 | 86 | 113 | 1.17 | 239 | 140 | 1.53 | 6.90 | HYEb | |
|  HYE90MKUa | 125B4206 | 8.90 | 1/4 | LBP | S | 220-240V 50Hz | RSCR | P | C | 72 | 93 | 123 | 1.27 | 265 | 152 | 1.65 | 9.30 | HYEb | |
|  HYE90MXU63 | 125B4213 | 8.90 | 1/4 | LBP | ST | 220-240V 50/60Hz | RSCR | P | C | 72 | 96 | 126 | 1.37 | 267 | 155 | 1.80 | 9.40 | HYEb | |
|  HYE105MTU63 | 125B4215 | 10.50 | 1/4 | LBP | ST | 220-240V 50/60Hz | RSCR | P | C | 78 | 106 | 138 | 1.30 | 292 | 175 | 1.65 | 9.10 | HYEd | |
|  HYE105MKUa | 125B4226 | 10.50 | 1/4 | LBP | S | 220-240V 50Hz | RSCR | P | C | 79 | 106 | 140 | 1.26 | 294 | 185 | 1.60 | 8.80 | HYEb | |
|  HYE113MKUa | 125B4207 | 11.30 | 3/8 | LBP | S | 220-240V 50Hz | RSCR | P | C | 85 | 115 | 150 | 1.30 | 318 | 200 | 1.65 | 8.50 | HYEb | |
|  HYE125MSUa | 125B4227 | 12.30 | 3/8 | LBP | S | 220-240V 50Hz | RSCR | P | C | 93 | 125 | 164 | 1.49 | 347 | 218 | 1.89 | 9.30 | HYEb | |
|  HYE131MKUa | 125B4209 | 13.10 | 1/2 | LBP | S | 220-240V 50Hz | RSCR | P | C | 101 | 135 | 177 | 1.29 | 375 | 235 | 1.63 | 9.10 | HYEd | |
|  HYE153MKU (*) | 125B4228 | 15.30 | 1/2 | LBP | S | 220-240V 50Hz | RSCR | P | C | 114 | 153 | 200 | 1.30 | 424 | 265 | 1.65 | 9.40 | HYEd | |

 Green Cooling Models
 New Models

(*) Model under development. Provisional performance/data.

See design drawing on pages 40-41

(†) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

Danfoss Light Commercial Refrigeration Compressors

R600a LBP • 60 Hz

| MODEL | DANFOSS CODE (α) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | WEIGHT Kg | DESIGN | |
|-------------|------------------|---------------------------------|-------------|-------------|-------------|----------------------|-------|----------|-----------|--|-----|------------|-------------|-------|------------|--------------|--------|------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | ASHRAE | | | | | |
| | | | | | | | | | | 35 | -30 | -25 | -10 | -23.3 | | | | |
| | | W | COP | | W | COP | | | | | | | | | | | | |
| L22C5L | 123B8415 | 2.20 | 1/20 | LBP | S | 110-120V 60Hz | RSIR | P | C | 16 | 22 | 30 | 0.86 | 63 | 40 | 1.10 | 3.60 | Lb |
| B35C5B | 123B8417 | 3.50 | 1/12 | LBP | S | 110-115 60Hz | RSIR | P | C | 26 | 36 | 49 | 0.94 | 403 | 65 | 1.20 | 4.60 | Bb |
| HYB35MHJ42a | 125B4229 | 3.50 | 1/12 | LBP | ST | 115V 60Hz | RSIR | P | C | 26 | 36 | 49 | 1.04 | 104 | 65 | 1.32 | 4.26 | HYBb |
| B43C5B | 123B8421 | 4.30 | 1/10 | LBP | S | 110-115V 60Hz | RSIR | P | C | 31 | 43 | 58 | 1.02 | 121 | 78 | 1.30 | 4.60 | Bb |
| HYB40MHJ42a | 125B4230 | 4.00 | 1/10 | LBP | ST | 115V 60Hz | RSIR | P | C | 30 | 42 | 57 | 1.06 | 120 | 76 | 1.35 | 4.70 | HYBd |
| B52C5BL | 123B8422 | 5.20 | 1/8 | LBP | S | 110-120V 60Hz | RSCR | P | C | 38 | 53 | 72 | 1.18 | 149 | 95 | 1.50 | 5.20 | Be |
| HYB50MGU72a | 125B4216 | 5.00 | 1/8 | LBP | ST | 115-127V 60Hz | RSCR | P | C | 38 | 53 | 72 | 1.25 | 152 | 96 | 1.58 | 6.00 | HYBf |
| HYB60MGU72a | 125B4217 | 6.00 | 1/5 | LBP | ST | 115-127V 60Hz | RSCR | P | C | 47 | 66 | 90 | 1.25 | 190 | 120 | 1.58 | 6.00 | HYBf |
| HYS60MSU72a | 125B4218 | 6.00 | 1/5 | LBP | ST | 115-127V 60Hz | RSCR | P | C | 42 | 64 | 90 | 1.42 | 187 | 120 | 1.80 | 7.10 | HYSb |
| HYS67MGU72a | 125B4231 | 6.70 | 1/5 | LBP | ST | 115-127V 60Hz | RSCR | P | C | 48 | 73 | 102 | 1.22 | 212 | 136 | 1.55 | 6.60 | HYSc |
| HYS69MKU42a | 125B4219 | 6.90 | 1/4 | LBP | ST | 115V 60Hz | RSCR | P | C | 51 | 78 | 109 | 1.30 | 227 | 145 | 1.65 | 6.80 | HYSc |
| HYE81MSU42 | 125B4220 | 8.10 | 1/4 | LBP | ST | 115V 60Hz | RSCR | P | C | 65 | 94 | 128 | 1.42 | 257 | 170 | 1.80 | 9.00 | HYEb |
| HYE90MSU72a | 125B4221 | 9.00 | 1/4 | LBP | ST | 115-127V 60Hz | RSCR | P | C | 70 | 102 | 139 | 1.34 | 279 | 185 | 1.70 | 8.30 | HYSd |
| HYS96MTU72a | 125B4210 | 9.60 | 1/4 | LBP | ST | 115-127V 60Hz | RSCR | P | C | 67 | 102 | 143 | 1.34 | 297 | 190 | 1.70 | 7.10 | HYSd |
| HYS105MTR | 125B4211 | 10.50 | 3/8 | LBP | ST | 115-127V 60Hz | RSCR | P | C | 74 | 113 | 158 | 1.36 | 329 | 210 | 1.72 | 7.30 | HYSd |
| L30CL | 123B8402 | 3.10 | 1/12 | LBP | S | 220-240V 50/60Hz | RSIR | P | C | 22 | 30 | 41 | 0.86 | 86 | 55 | 1.10 | 3.60 | Lc |
| B35C | 123B8403 | 3.50 | 1/12 | LBP | S | 220V 60Hz | RSIR | P | C | 24 | 33 | 45 | 0.93 | 94 | 60 | 1.18 | 4.60 | Bc |
| B43CB | 123B8405 | 4.30 | 1/10 | LBP | S | 220-240V 60Hz | RSIR | P | C | 28 | 38 | 52 | 0.98 | 109 | 70 | 1.25 | 4.60 | Bc |
| B60CBL | 123B8411 | 6.00 | 1/6 | LBP | S | 220-240V 60Hz | RSIR | P | C | 44 | 61 | 83 | 1.03 | 174 | 110 | 1.30 | 4.60 | Bc |
| HYS67MKU62a | 125B4212 | 6.70 | 1/5 | LBP | ST | 220-240V 60Hz | RSCR | P | C | 48 | 73 | 102 | 1.30 | 212 | 136 | 1.65 | 6.80 | HYSd |
| HYS81MKU62a | 125B4222 | 8.10 | 1/4 | LBP | ST | 220-240V 60Hz | RSCR | P | C | 56 | 86 | 120 | 1.30 | 250 | 160 | 1.65 | 6.80 | HYSd |
| HYE90MXU63 | 125B4213 | 8.90 | 1/4 | LBP | ST | 220-240V 50/60Hz | RSCR | P | C | 70 | 102 | 139 | 1.48 | 279 | 185 | 1.88 | 9.40 | HYSd |
| HYE105MTU63 | 125B4215 | 10.50 | 1/4 | LBP | ST | 220-240V 50/60Hz | RSCR | P | C | 80 | 116 | 158 | 1.36 | 317 | 210 | 1.72 | 9.10 | HYEd |
| HYE113MSU62 | 125B4214 | 11.30 | 1/2 | LBP | ST | 220-240V 60Hz | RSCR | P | C | 87 | 126 | 172 | 1.42 | 345 | 228 | 1.80 | 9.40 | HYEd |

R600a HMBP | HBP • 50 Hz

| MODEL | DANFOSS CODE (α) | DISPLACEMENT cm ³ | POWER hp | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | STARTING | EXPANSION | REFRIGERATION CAPACITY | | | | | | WEIGHT Kg | DESIGN | |
|----------|------------------|---------------------------------|-------------|-------------|-------------|----------------------|-------|----------|-----------|--|-----|------------|-------------|-----|------------|--------------|--------|------------|
| | | | | | | | | | | COP in W/W Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | ASHRAE | | | | | |
| | | | | | | | | | | -25 | -15 | 5 | 10 | 7.2 | | | | |
| | | W | COP | | W | COP | | | | | | | | | | | | |
| HFY55MA | 125B4505 | 5.50 | 1/6 | HMBP | S | 220-240V 50Hz | RSIR | P | C | 64 | 110 | 273 | 2.38 | 327 | 325 | 2.75 | 7.10 | HFYb |
| HUY55MAb | 125B4502 | 5.50 | 1/6 | HMBP | S | 220-240V 50Hz | RSCR | P | C | 64 | 110 | 272 | 2.58 | 327 | 323 | 2.99 | 9.05 | U b |
| HFY70MA | 125B4507 | 6.70 | 1/6 | HMBP | S | 220-240V 50Hz | RSIR | P | C | 80 | 137 | 338 | 2.37 | 406 | 395 | 2.75 | 7.10 | HFYb |
| HUY70MAb | 125B4504 | 6.70 | 1/5 | HMBP | S | 220-240V 50Hz | RSCR | P | C | 80 | 137 | 338 | 2.59 | 406 | 401 | 2.99 | 9.01 | U b |

| | Conditions | | | |
|--|------------|----------|--------|----------|
| | CECOMAF | | ASHRAE | |
| | LBP | HMBP/HBP | LBP | HMBP/HBP |

| | | | | |
|----------------------------|-----|----|-------|-----|
| Evaporating temperature °C | -25 | 5 | -23.3 | 7.2 |
| Condensing temperature °C | 55 | 55 | 55 | 55 |
| Liquid temperature °C | 55 | 55 | 32 | 46 |
| Suction temperature °C | 32 | 32 | 32 | 35 |
| Ambient temperature °C | 32 | 32 | 32 | 35 |

Green Cooling Models

New Models

See design drawing on pages 40-41

(α) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

VSC/DC



Variable Speed Compressors - R290 LBP • 50-60Hz

| MODEL | DANFOSS CODE (α) | DISPLACEMENT cm ³ | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | EXPANSION | SPEED rpm | REFRIGERATION CAPACITY | | | | | | WEIGHT Kg | DESIGN | |
|---------------|--|---------------------------------|-------------|-------------|----------------------|-------|-----------|--------------|---|-----|------------|-------------|-------|------------|--------------|--------|------|
| | | | | | | | | | COP in W/W 1W=0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | CECOMAF (W) | | | ASHRAE | | | | | |
| | | | | | | | | | -40 | -30 | -25 | -10 | -23.3 | | | | |
| | | W | COP | W | COP | | | | | | | | | | | | |
| NVT50FSC | contact Danfoss | 5.00 | LMBP | F | 115-240V 50/60Hz ~1 | PMSM | C-V | 1600 | 39 | 70 | 90 | 1.28 | 166 | 120 | 1.66 | 6.40 | Vb |
| | | | | | | | | 2400 | 62 | 111 | 142 | 1.35 | 263 | 190 | 1.75 | | |
| | | | | | | | | 3000 | 81 | 144 | 185 | 1.33 | 343 | 248 | 1.72 | | |
| | | | | | | | | 4500 | 119 | 212 | 272 | 1.28 | 504 | 365 | 1.66 | | |
| NVT70FSC | 125B3901 - with drop in electronic unit 125B3902 - with frequency input electronic unit | 7.00 | LMBP | F | 115-240V 50/60Hz ~1 | PMSM | C-V | 1600 | 57 | 102 | 131 | 1.36 | 243 | 176 | 1.76 | 6.20 | Vb |
| | | | | | | | | 2400 | 89 | 160 | 205 | 1.41 | 380 | 275 | 1.83 | | |
| | | | | | | | | 3000 | 114 | 204 | 261 | 1.37 | 484 | 350 | 1.79 | | |
| | | | | | | | | 4500 | 168 | 300 | 384 | 1.33 | 712 | 515 | 1.73 | | |
| NUS100FSC | 125B3907 - with drop in electronic unit 125B3908 - with frequency input electronic unit | 10.50 | LMBP | F | 115-240V 50/60Hz ~1 | PMSM | C-V | 2000 | 111 | 195 | 253 | 1.35 | 486 | 340 | 1.75 | 8.95 | Uv |
| | | | | | | | | 2400 | 138 | 243 | 315 | 1.40 | 605 | 423 | 1.82 | | |
| | | | | | | | | 3000 | 168 | 296 | 383 | 1.38 | 737 | 515 | 1.80 | | |
| | | | | | | | | 4500 | 238 | 419 | 543 | 1.27 | 1044 | 730 | 1.65 | | |
| NUS125FSC | 125B3903 - with drop in electronic unit 125B3904 - with frequency input electronic unit | 12.50 | LMBP | F | 220-240V 50/60Hz ~1 | PMSM | C-V | 2000 | 131 | 230 | 297 | 1.34 | 572 | 400 | 1.74 | 8.95 | Uv |
| | | | | | | | | 2400 | 163 | 286 | 370 | 1.39 | 713 | 498 | 1.81 | | |
| | | | | | | | | 3000 | 207 | 365 | 472 | 1.38 | 909 | 635 | 1.80 | | |
| | | | | | | | | 4500 | 287 | 505 | 654 | 1.29 | 1259 | 880 | 1.68 | | |
| NUS125FSC | 125B3905 - with drop in electronic unit 125B3906 - with frequency input electronic unit | 12.50 | LBP | F | 115-240V 50/60Hz ~1 | PMSM | C-V | 2000 | 131 | 230 | 297 | 1.34 | 572 | 400 | 1.74 | 8.95 | Uv |
| | | | | | | | | 2400 | 163 | 286 | 370 | 1.39 | 713 | 498 | 1.81 | | |
| | | | | | | | | 3000 | 207 | 365 | 472 | 1.38 | 909 | 635 | 1.80 | | |
| | | | | | | | | 3600 | 237 | 417 | 540 | 1.29 | 1039 | 726 | 1.68 | | |
| NUS160FSC (*) | 125B3909 - with drop in electronic unit 125B3910 - with frequency input electronic unit | 16.15 | LBP | F | 220-240V 50/60Hz ~1 | PMSM | C-V | 2000 | 175 | 303 | 389 | UD | 732 | 521 | UD | U.D. | U.D. |
| | | | | | | | | 2400 | 202 | 349 | 448 | UD | 843 | 600 | UD | | |
| | | | | | | | | 3000 | 244 | 422 | 541 | UD | 1018 | 725 | UD | | |
| | | | | | | | | 3600 | 286 | 495 | 634 | UD | 1194 | 850 | UD | | |

Green Cooling Models
New Models

(*) Model under development. Provisional performance/data.

See design drawing on pages 40-41

(α) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

Danfoss Light Commercial Refrigeration Compressors

DC Compressors - R134a LBP | MBP | HBP • 50-60Hz

| MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | EXPANSION | SPEED rpm | REFRIGERATION CAPACITY | | | | | | | WEIGHT Kg | DESIGN |
|--------|------------------|---------------------------------|-------------|-------------|--------------------------|-------|-----------|--------------|---|-----|-----------|-------------|-----|------------|-------------|--------------|--------|
| | | | | | | | | | COP in W/W 1W=0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | CECOMAF (W) | | | | | Ashrae | | | |
| | | | | | | | | | -35 | -30 | -25 | | -10 | -23.3 | | | |
| | | W | COP | | W | COP | | | | | | | | | | | |
| DM14H | contact Danfoss | 1.40 | LBP | S | 12-24V DC | BLDC | C | 2000 | 5 | 8 | 11 | 0.61 | 29 | 16 | 0.80 | 2.40 | DMb |
| | | | | | | | | 2500 | 7 | 11 | 16 | 0.64 | 41 | 22 | 0.86 | | |
| | | | | | | | | 3000 | 9 | 13 | 19 | 0.65 | 46 | 29 | 0.87 | | |
| | | | | | | | | 3500 | 14 | 20 | 29 | 0.75 | 70 | 40 | 1.00 | | |
| DM16H | contact Danfoss | 1.60 | LBP | S | 12-24V DC | BLDC | C | 2000 | 6 | 9 | 14 | 0.68 | 36 | 20 | 0.90 | 2.40 | DMb |
| | | | | | | | | 2500 | 7 | 12 | 17 | 0.69 | 44 | 24 | 0.92 | | |
| | | | | | | | | 3000 | 9 | 14 | 21 | 0.70 | 50 | 31 | 0.94 | | |
| | | | | | | | | 3500 | 15 | 22 | 32 | 0.82 | 77 | 44 | 1.10 | | |
| DL19H | 123F1905 | 1.90 | LMHBP | S/F | 12-24V DC | BLDC | C | 2000 | 8 | 14 | 21 | 0.82 | 53 | 29 | 1.08 | 4.20 | DLb |
| | | | | | | | | 2500 | 12 | 20 | 29 | 0.87 | 74 | 40 | 1.16 | | |
| | | | | | | | | 3000 | 16 | 24 | 35 | 0.88 | 84 | 52 | 1.18 | | |
| | | | | | | | | 3500 | 20 | 29 | 41 | 0.91 | 100 | 57 | 1.21 | | |
| DL22H | 123F1906 | 2.20 | LMHBP | S/F | 12-24V DC | BLDC | C | 2000 | 11 | 18 | 27 | 0.88 | 69 | 38 | 1.16 | 4.20 | DLb |
| | | | | | | | | 2500 | 14 | 22 | 33 | 0.89 | 83 | 45 | 1.19 | | |
| | | | | | | | | 3000 | 18 | 27 | 40 | 0.90 | 95 | 59 | 1.21 | | |
| | | | | | | | | 3500 | 23 | 33 | 48 | 0.92 | 116 | 66 | 1.23 | | |
| DL30H | 123F1907 | 3.00 | LMHBP | S/F | 12-24V DC | BLDC | C | 2000 | 15 | 24 | 36 | 0.93 | 93 | 51 | 1.22 | 4.20 | DLb |
| | | | | | | | | 2500 | 20 | 31 | 46 | 0.94 | 116 | 63 | 1.26 | | |
| | | | | | | | | 3000 | 25 | 38 | 56 | 0.94 | 132 | 82 | 1.27 | | |
| | | | | | | | | 3500 | 31 | 45 | 65 | 0.93 | 158 | 90 | 1.24 | | |
| DL35H | 123F1908 | 3.50 | LBP | S | 12-24V DC | BLDC | C | 2000 | 19 | 30 | 45 | 0.91 | 116 | 64 | 1.20 | 4.30 | DLb |
| | | | | | | | | 2500 | 25 | 39 | 58 | 0.92 | 145 | 79 | 1.23 | | |
| | | | | | | | | 3000 | 31 | 47 | 70 | 0.94 | 165 | 103 | 1.26 | | |
| | | | | | | | | 3500 | 38 | 55 | 80 | 0.93 | 193 | 110 | 1.25 | | |
| VDL19H | 123F1909 | 1.90 | LBP | S | 12-24V DC 100-240V AC | BLDC | C | 2000 | 8 | 14 | 21 | 0.82 | 53 | 29 | 1.08 | 4.40 | VDLb |
| | | | | | | | | 2500 | 12 | 20 | 29 | 0.87 | 74 | 40 | 1.16 | | |
| | | | | | | | | 3000 | 16 | 24 | 35 | 0.88 | 84 | 52 | 1.18 | | |
| | | | | | | | | 3500 | 20 | 29 | 41 | 0.91 | 100 | 57 | 1.21 | | |
| VDL22H | 123F1910 | 2.20 | LBP | S | 12-24V DC 100-240V AC | BLDC | C | 2000 | 11 | 18 | 27 | 0.88 | 69 | 38 | 1.16 | 4.40 | VDLb |
| | | | | | | | | 2500 | 14 | 22 | 33 | 0.89 | 83 | 45 | 1.19 | | |
| | | | | | | | | 3000 | 18 | 27 | 40 | 0.90 | 95 | 59 | 1.21 | | |
| | | | | | | | | 3500 | 23 | 33 | 48 | 0.92 | 116 | 66 | 1.23 | | |

DC Compressors - R134a LBP | MBP | HBP • 50-60Hz

| MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | EXPANSION | SPEED rpm | REFRIGERATION CAPACITY | | | | | | | WEIGHT Kg | DESIGN |
|----------|------------------|---------------------------------|-------------|-------------|----------------------|-------|-----------|--------------|---|-----|------------|-------------|-----|------------|-------------|--------------|--------|
| | | | | | | | | | COP in W/W 1W=0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C | | | | | | | | |
| | | | | | | | | | CECOMAF (W) | | | | | Ashrae | | | |
| | | | | | | | | | -25 | -15 | 5 | | 10 | +7,2 | | | |
| | | W | COP | | W | COP | | | | | | | | | | | |
| GLT80TDC | 123F1902 | 8.10 | HMBP | F | 24-42V DC | ECM | C | 1500 | 78 | 139 | 362 | 1.93 | 421 | 429 | 2.19 | 8.40 | Lc |
| | | | | | | | | 2000 | 107 | 190 | 487 | 2.06 | 565 | 578 | 2.34 | | |
| | | | | | | | | 2500 | 135 | 238 | 601 | 1.99 | 710 | 712 | 2.26 | | |
| | | | | | | | | 3000 | 161 | 281 | 711 | 1.91 | 840 | 843 | 2.17 | | |
| | | | | | | | | 3500 | 185 | 320 | 818 | 1.82 | 962 | 969 | 2.07 | | |






Green Cooling Models

▲ New Models

See design drawing on pages 40-41

(†) Ordering code for single compressors. For pallet packed compressors, please use 123F instead of 123B

DC Compressors - R600a LBP | MBP | HBP • 50-60Hz

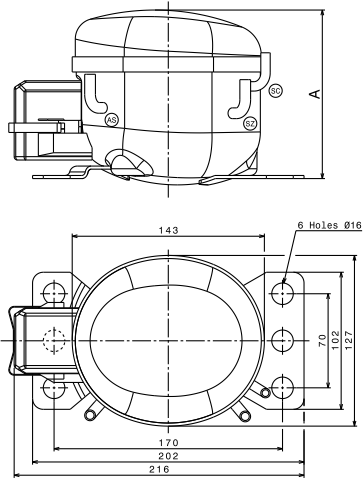
| | MODEL | DANFOSS CODE (†) | DISPLACEMENT cm ³ | APPLICATION | CPR COOLING | VOLTAGE FREQUENCY | MOTOR | EXPANSION | SPEED rpm | REFRIGERATION CAPACITY | | | | | | WEIGHT Kg | DESIGN |
|---|----------|------------------|---------------------------------|-------------|--------------------------|----------------------|-------|-----------|--------------|---|------------|-------------|-----|------------|-------------|--------------|--------|
| | | | | | | | | | | COP in W/W 1W=0.864 kcal/h = 3.415 BTU/h Evaporating Temperature °C | | | | | | | |
| | | | | | | | | | | CECOMAF (W) | | | | Ashrae | | | |
| | | | | | | | | | | -35 | -30 | -25 | | -10 | -23.3 | | |
| | | W | COP | | W | COP | | | | | | | | | | | |
|  DL30C | 123B4901 | 3.00 | LBP | S | 12-24V DC | BLDC | C | 2000 | 9 | 15 | 23 | 0.91 | 58 | 32 | 1.20 | 4.20 | DLb |
| | | | | | | | | 2500 | 12 | 19 | 29 | 0.91 | 73 | 39 | 1.22 | | |
| | | | | | | | | 3000 | 16 | 23 | 35 | 0.92 | 83 | 51 | 1.24 | | |
| | | | | | | | | 3500 | 19 | 28 | 40 | 0.93 | 97 | 55 | 1.25 | | |
|  DL35C | 123B4902 | 3.50 | LBP | S | 12-24V DC | BLDC | C | 2000 | 11 | 18 | 28 | 0.99 | 71 | 39 | 1.30 | 4.20 | DLb |
| | | | | | | | | 2500 | 15 | 23 | 35 | 0.99 | 89 | 48 | 1.32 | | |
| | | | | | | | | 3000 | 19 | 29 | 42 | 1.00 | 101 | 62 | 1.34 | | |
| | | | | | | | | 3500 | 24 | 35 | 51 | 1.01 | 123 | 70 | 1.35 | | |
|  DK52C | 123B4903 | 5.20 | LBP | S | 12-24V DC | BLDC | C | 2000 | 17 | 28 | 43 | 0.99 | 109 | 60 | 1.30 | 4.00 | DKb |
| | | | | | | | | 2500 | 23 | 36 | 54 | 0.99 | 136 | 74 | 1.32 | | |
| | | | | | | | | 3000 | 29 | 44 | 65 | 1.00 | 155 | 96 | 1.34 | | |
| | | | | | | | | 3500 | 35 | 50 | 73 | 1.01 | 176 | 100 | 1.35 | | |
|  DK70C | 123B4905 | 7.00 | LBP | S | 12-24V DC | BLDC | C | 2000 | 23 | 38 | 57 | 1.06 | 145 | 80 | 1.40 | 4.00 | DKb |
| | | | | | | | | 2500 | 31 | 48 | 72 | 1.06 | 182 | 98 | 1.42 | | |
| | | | | | | | | 3000 | 39 | 59 | 87 | 1.07 | 206 | 128 | 1.44 | | |
| | | | | | | | | 3500 | 47 | 68 | 98 | 1.08 | 237 | 135 | 1.45 | | |
|  DK90C | 123B4906 | 9.00 | LBP | S | 12-24V DC | BLDC | C | 2000 | 29 | 47 | 71 | 1.06 | 182 | 100 | 1.40 | 4.00 | DKb |
| | | | | | | | | 2500 | 38 | 60 | 90 | 1.06 | 227 | 123 | 1.42 | | |
| | | | | | | | | 3000 | 49 | 73 | 109 | 1.07 | 258 | 160 | 1.44 | | |
| | | | | | | | | 3500 | 61 | 88 | 127 | 1.08 | 308 | 175 | 1.45 | | |
|  VDL30C | 123B4907 | 3.00 | LBP | S | 12-24V DC 100-240V AC | BLDC | C | 2000 | 9 | 15 | 23 | 0.91 | 58 | 32 | 1.20 | 4.40 | VDLb |
| | | | | | | | | 2500 | 12 | 19 | 29 | 0.91 | 73 | 39 | 1.22 | | |
| | | | | | | | | 3000 | 16 | 23 | 35 | 0.92 | 83 | 51 | 1.24 | | |
| | | | | | | | | 3500 | 19 | 28 | 40 | 0.93 | 97 | 55 | 1.25 | | |
|  VDL35C | 123B4908 | 3.50 | LBP | S | 12-24V DC 100-240V AC | BLDC | C | 2000 | 11 | 18 | 28 | 0.99 | 71 | 39 | 1.30 | 4.40 | VDLb |
| | | | | | | | | 2500 | 15 | 23 | 35 | 0.99 | 89 | 48 | 1.32 | | |
| | | | | | | | | 3000 | 19 | 29 | 42 | 1.00 | 101 | 62 | 1.34 | | |
| | | | | | | | | 3500 | 24 | 35 | 51 | 1.01 | 123 | 70 | 1.35 | | |
|  VDK52C | 123B4909 | 5.20 | LBP | S | 12-24V DC 100-240V AC | BLDC | C | 2000 | 17 | 28 | 43 | 0.99 | 109 | 60 | 1.30 | 4.00 | DKb |
| | | | | | | | | 2500 | 23 | 36 | 54 | 0.99 | 136 | 74 | 1.32 | | |
| | | | | | | | | 3000 | 29 | 44 | 65 | 1.00 | 155 | 96 | 1.34 | | |
| | | | | | | | | 3500 | 35 | 50 | 73 | 1.01 | 176 | 100 | 1.35 | | |

Technical Information



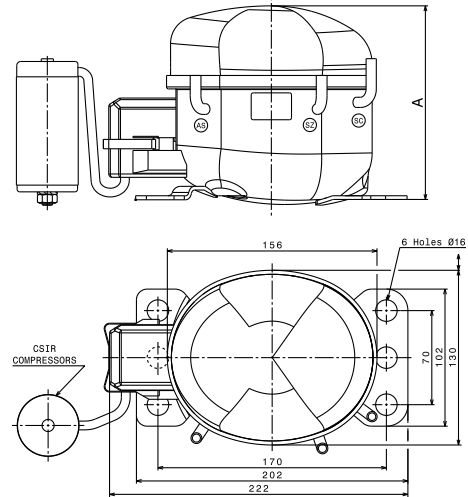
Compressor Dimensional Drawings

Small L range



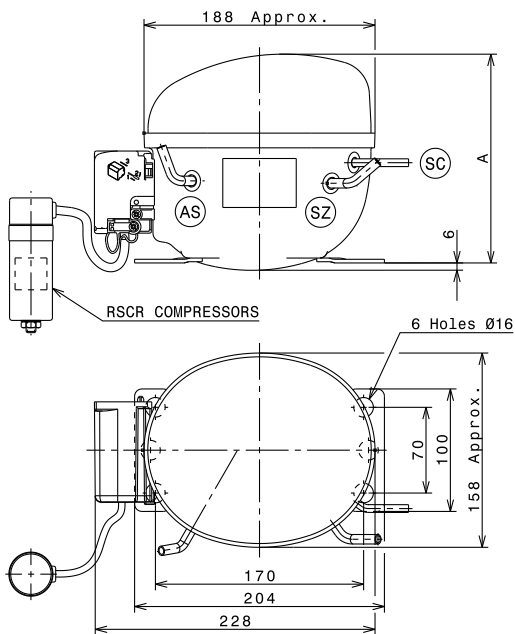
| | Designation | Internal diam. | | A (mm) |
|----|-------------|----------------|----|--------|
| AS | Suction | 6.2 | Lb | 125.5 |
| SC | Discharge | 4.9 | Lc | 129 |
| SZ | Service | 6.2 | Ld | 138 |
| | | | Le | 141 |

B range



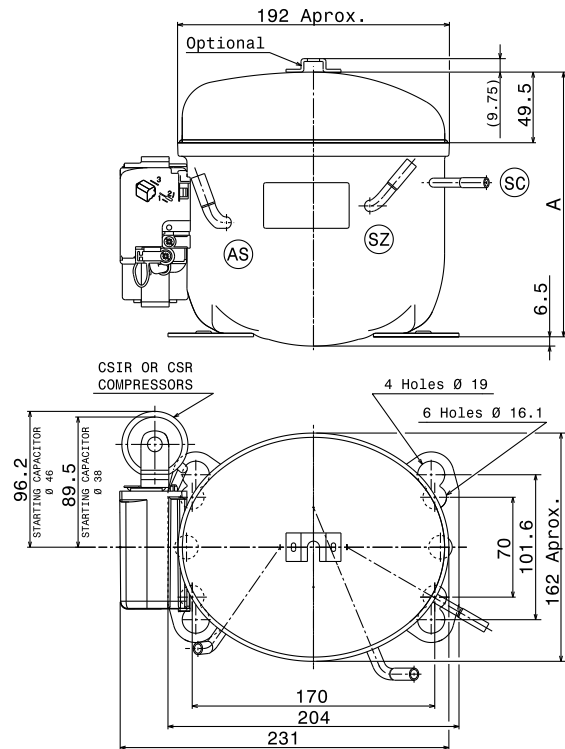
| | Designation | Internal diam. | | A (mm) |
|----|-------------|----------------|----|--------|
| AS | Suction | 6.2 | Bb | 141 |
| SC | Discharge | 4.9 | Bc | 145 |
| SZ | Service | 6.2 | Bd | 153 |
| | | | Be | 159 |

U range



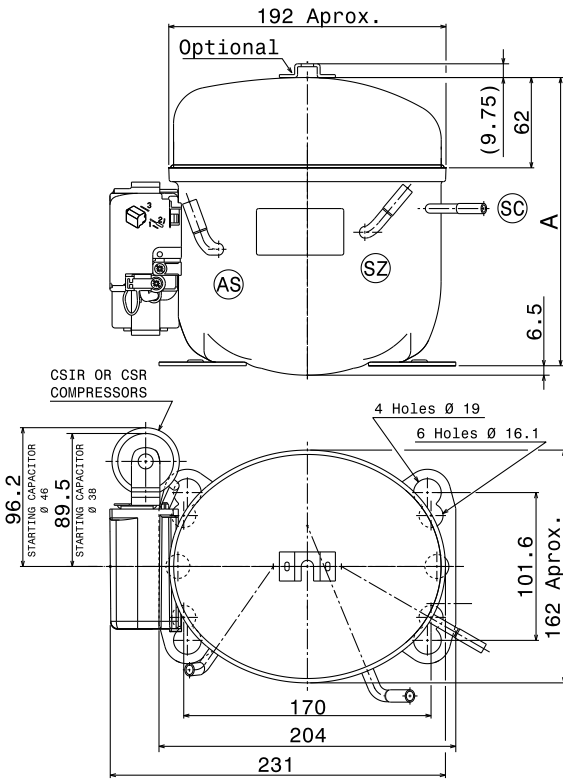
| | A (mm) | LEGEND |
|----|--------|--------------------|
| Ub | 173.5 | AS Suction/Service |
| Uc | 176.5 | SC Discharge |
| | | SZ Service/Suction |

L range



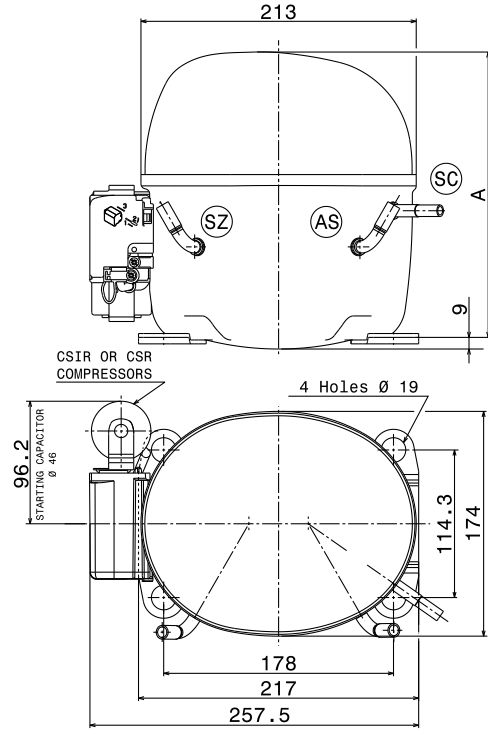
| | A (mm) | LEGEND |
|----|--------|--------------------|
| Lb | 175 | AS Suction/Service |
| Lc | 185.6 | SC Discharge |
| Ld | 198 | SZ Service/Suction |

P range



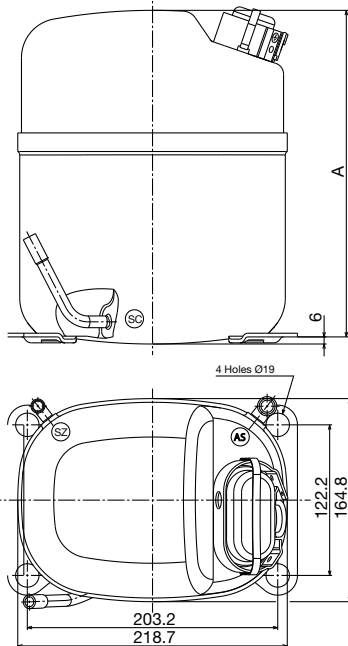
| | A (mm) | LEGEND | |
|----|--------|--------|-----------------|
| Pc | 198.1 | AS | Suction/Service |
| Pd | 210.5 | SC | Discharge |
| | | SZ | Service/Suction |

X range



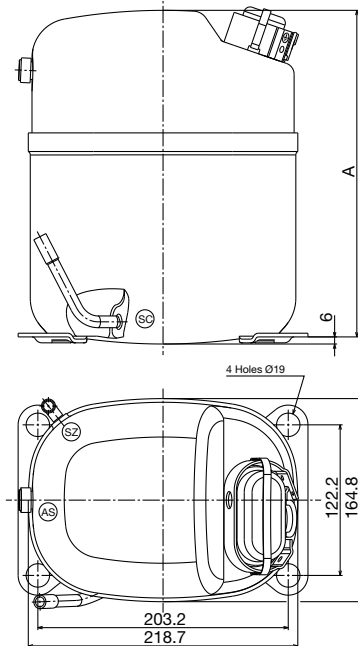
| | A (mm) | LEGEND | |
|----|--------|--------|-----------------|
| Xc | 215 | AS | Suction/Service |
| Xd | 221 | SC | Discharge |
| | | SZ | Service/Suction |

S range (Tube)



| | A (mm) | LEGEND (TUBE) | |
|----|--------|---------------|-----------------|
| Sb | 252 | AS | Suction/Service |
| Sc | 265 | SC | Discharge |
| Sd | 276 | SZ | Service/Suction |

S range (Valve)



| | A (mm) | LEGEND (VALVE) | |
|----|--------|----------------|-----------------|
| Sb | 252 | AS | Valve Service |
| Sc | 265 | SC | Discharge |
| Sd | 276 | SZ | Service/Suction |

Packaging

Single Pack

| | | Box dimensions (mm) | | | Pallet dimensions (mm) | |
|-------------|---------------------------|---------------------|-------|-----------------|------------------------|-------|
| | Range | Length | Width | Height | Length | Width |
| Compressors | Small L | 257 | 172 | 141/151 | 1010 | 1010 |
| | B | 257 | 172 | 151/166 | 1010 | 1010 |
| | U | 300 | 192 | 167/185 | 1200 | 1050 |
| | L & P | 300 | 192 | 167/185/198/214 | 1200 | 1050 |
| | X & P (w/ connecting box) | 320 | 192 | 222 | 1050 | 1050 |
| | X | 347 | 207 | 230 | 1050 | 1050 |
| | S | 282 | 215 | 363 | 1010 | 1010 |

Industrial pack

| | | Tray dimensions (mm) | | Pallet dimensions (mm) | |
|-------------|---------------|----------------------|-------|------------------------|-------|
| | Range | Length | Width | Length | Width |
| Compressors | Small L | 1110 | 815 | 1135 | 830 |
| | B | 1110 | 815 | 1135 | 830 |
| | U (TIR) | 1120 | 810 | 1200 | 800 |
| | U (Container) | 1120 | 810 | 1120 | 800 |
| | L & P | 1060 | 990 | 1050 | 1050 |
| | X | 1050 | 1020 | 1050 | 1050 |
| | S | 1050 | 1050 | 1050 | 1050 |

Quantities per Pallet

| Range | Industrial pack | | | Single Pack | | |
|-------------|-----------------|-----------|--------------|-------------|------------|--------------|
| | Qty / Level | Nº Levels | Qty / Pallet | Qty / Level | No. Levels | Qty / Pallet |
| Small L | 25 | 6 | 150 | 24 | 5 | 120 |
| B / HL / HK | 25 | 5 | 125 | 24 | 5 | 120 |
| HYB / HF | 25 | 5 | 125 | 25 | 4 | 100 |
| HYS | 18 | 4 | 72 | 25 | 4 | 100 |
| HYE / HY | 18 | 4 | 72 | 20 | 4 | 80 |
| U | 18 | 5 | 90 | 20 | 5 | 100 |
| L | 24 | 5 | 120 | 20 | 5 | 100 |
| P | 24 | 5 | 120 | 20 | 5 | 100 |
| X | 17 | 4 | 68 | 16 | 4 | 64 |
| S | 21 | 2 | 42 | 13 | 4 | 52 |

Fixings

Fixings allow the manufacturer of appliances to fix the compressor to the appliance base, connecting it to the cooling system.

Mounting feet

| Range | Mounting feet | |
|------------------------|---|--|
| Small L & B | European type. Set of 4 holes of 16mm DIA with inter-axes: 70x170mm | |
| U / L / P | European type Set of 4 holes of 16 mm DIA with inter-axes: 70 x 170 mm | American type Two sets of 4 holes: 1. Set of 16 mm DIA with inter-axes: 70 x 170 mm 2. Set of ¾ inch (19 mm) DIA with inter-axes: 4 x 6 1/2 inch (101.6 x 165 mm) |
| X | One set of 4 holes of 19 mm (¾ inch) DIA with inter-axes: 114.3 x 178 mm (4 1/2 x 7 inch) | |
| S | One set of 4 holes of 19 mm (¾ inch) DIA with inter-axes: 122.2 x 200.2 mm (4 13/16 x 7 7/8 inch) | |

Silent Blocks (Mounting accessories)

STANDARD
D.16 holds net (170x70)

STANDARD
Small L & B
D.16 hold net (170x70)

AMERICAN FEET
D.19 holds net
(165x101.6)

SNAP-ON
D.16 holds net
(170x70)

AMERICAN SNAP-ON
D. 19 holds net
(165x101.6)

1. Mounting sleeve

2. Silent Block

1. Clip

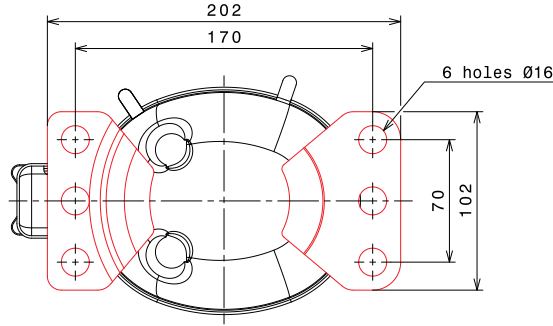
2. Washer

3. Silent Block

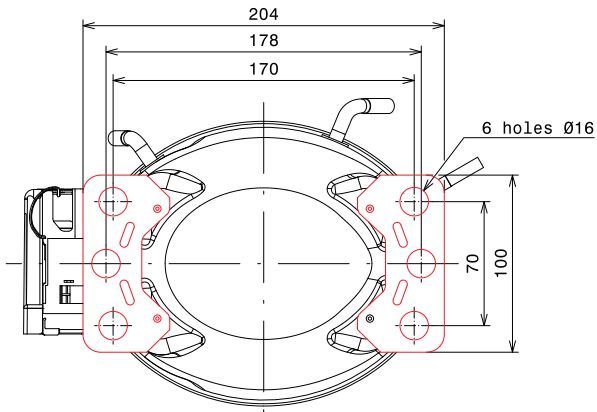
4. Axis

Danfoss Light Commercial Refrigeration Compressors

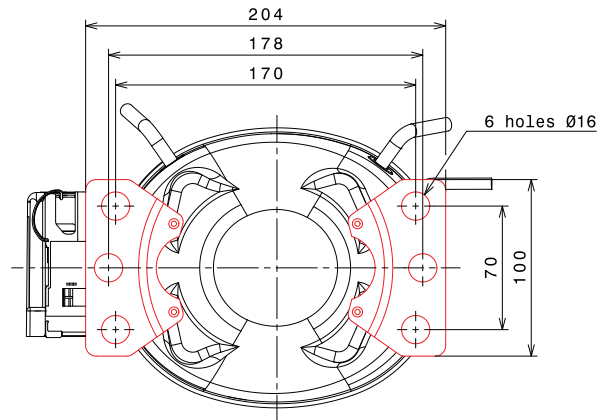
Small L & B Range
European mounting feet



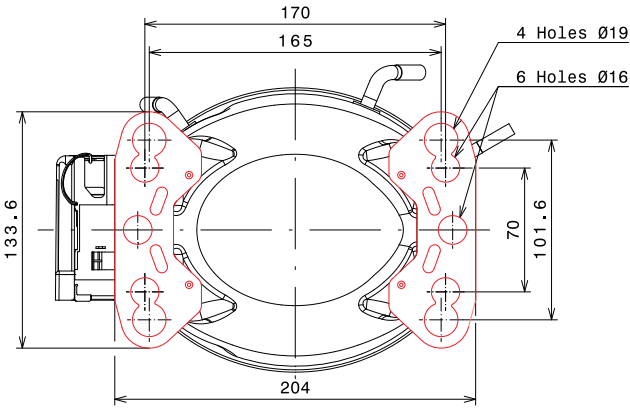
L / P Range
European mounting feet



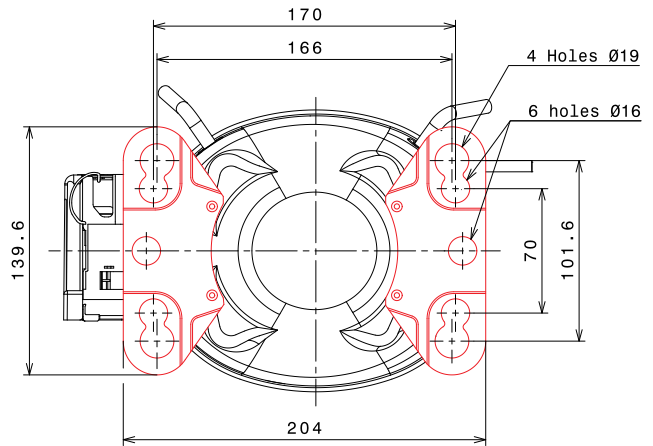
U Range
European mounting feet



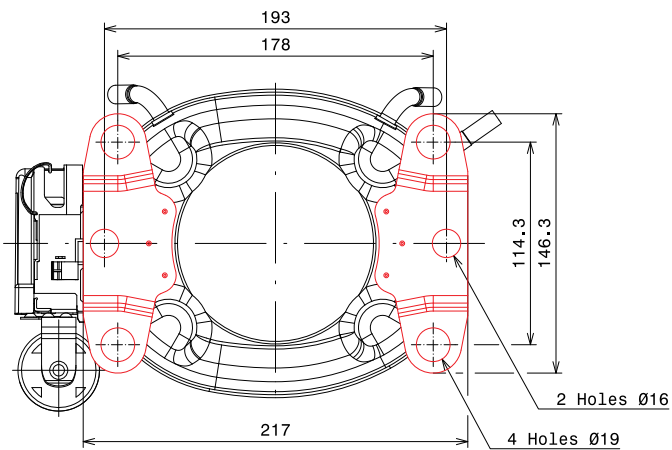
L / P Range
American mounting feet



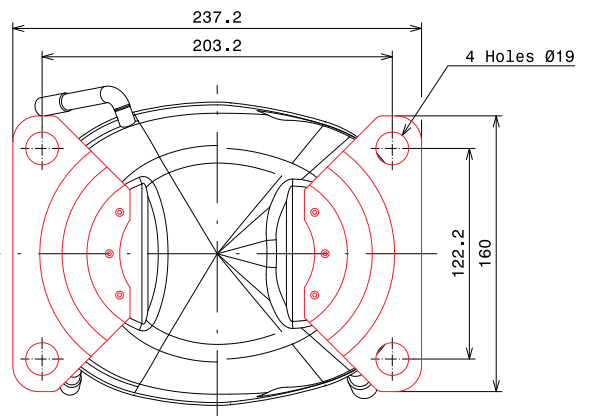
U Range
American mounting feet



XRange

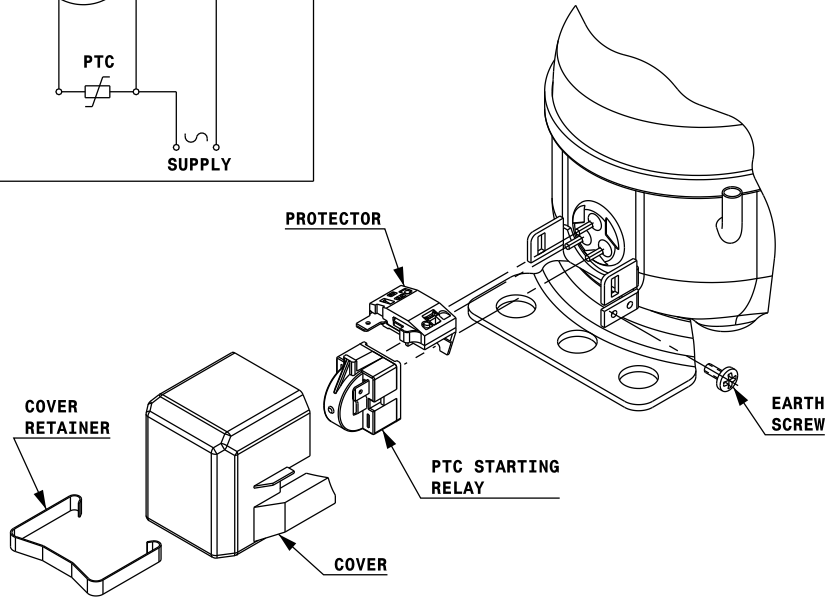
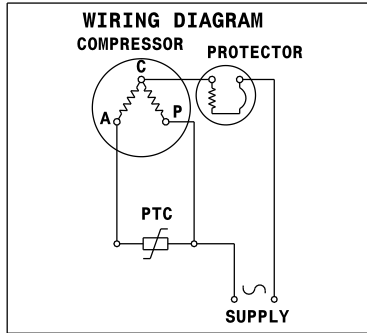


S Range

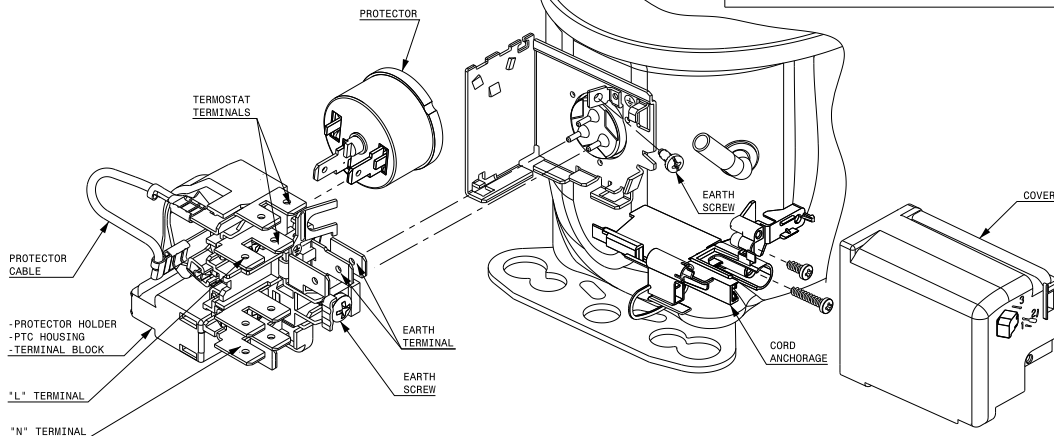
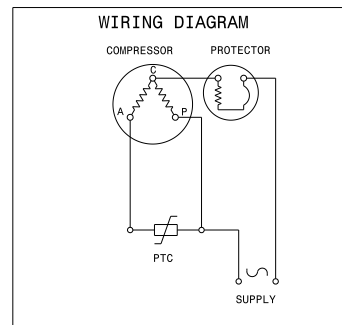


Wiring Diagrams and Electrical Assembly

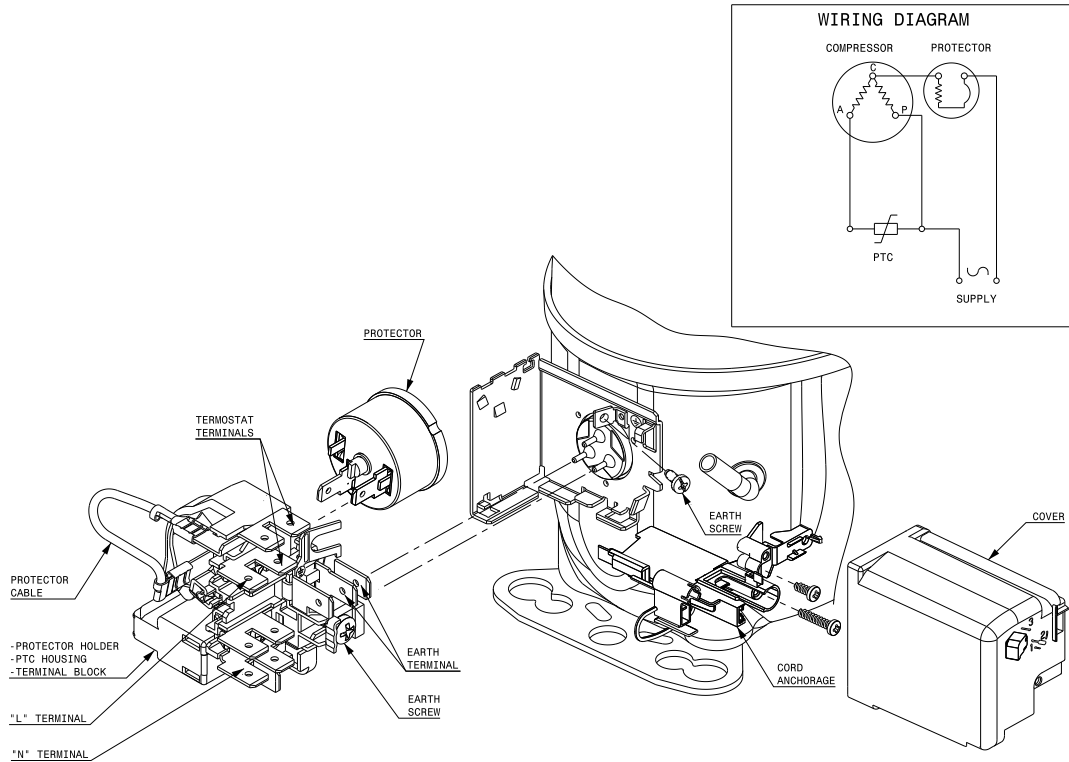
RSIR CONNECTION (PTC) Small L & B



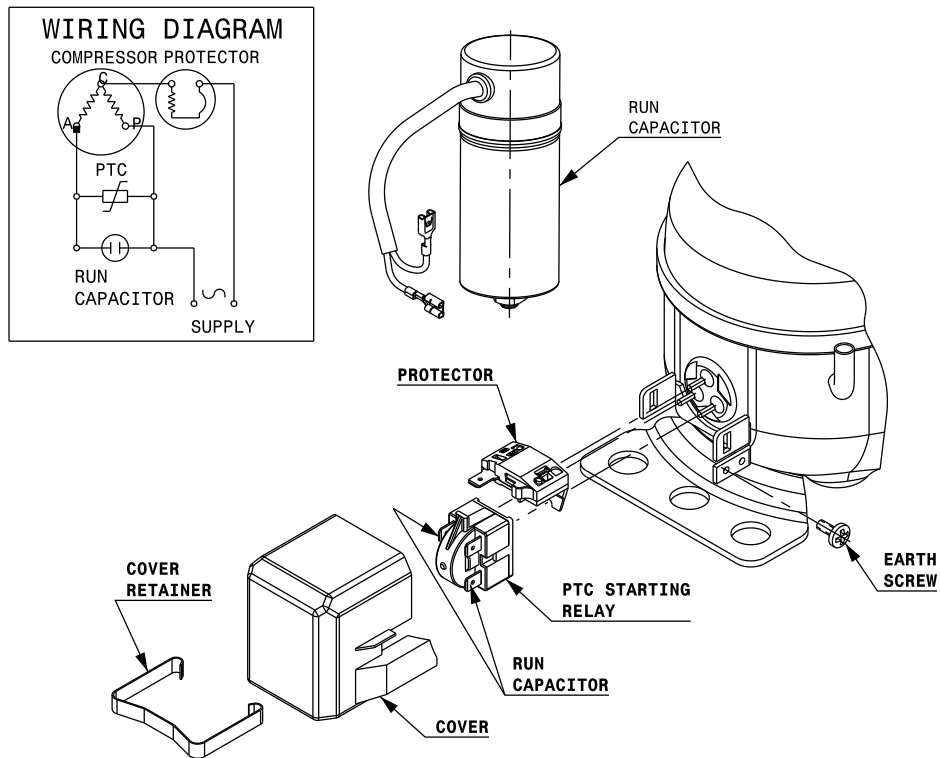
RSIR CONNECTION (PTC)



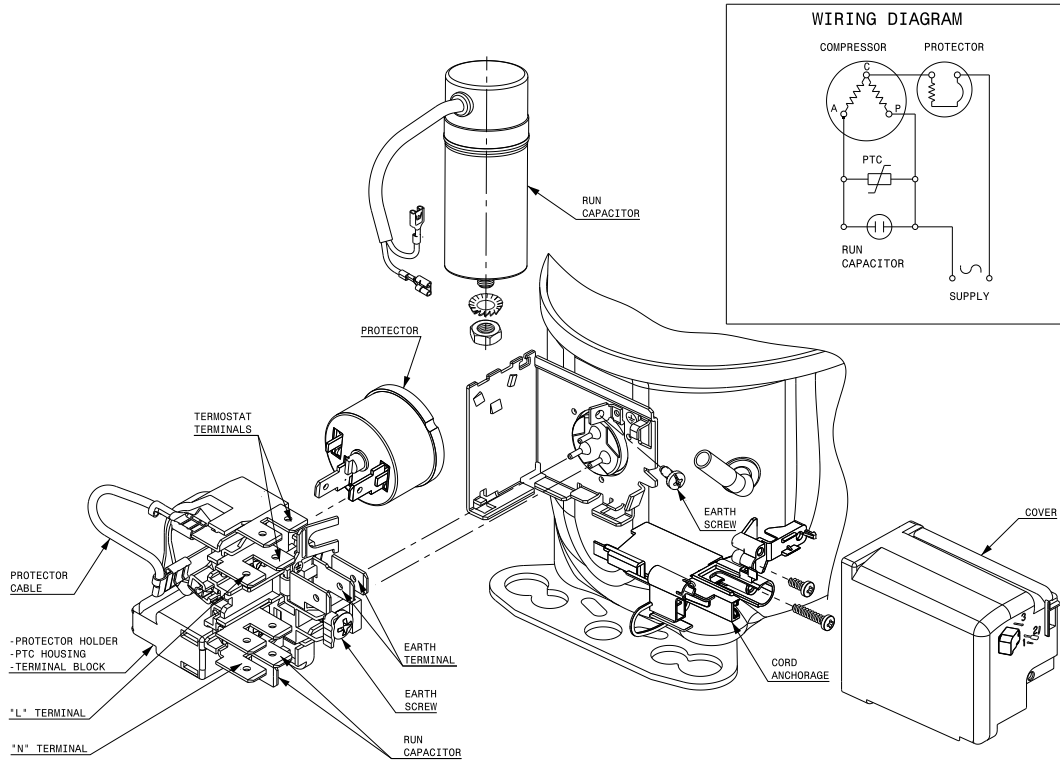
RSIR CONNECTION (RELAY)



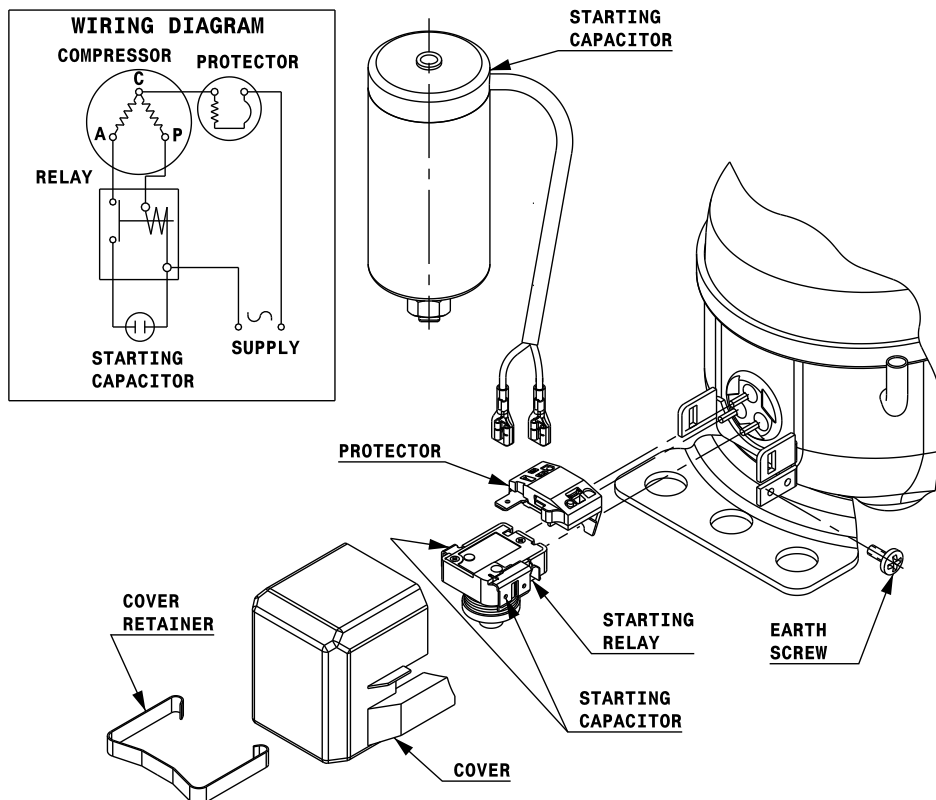
RSCR CONNECTION (PTC) Small L & B



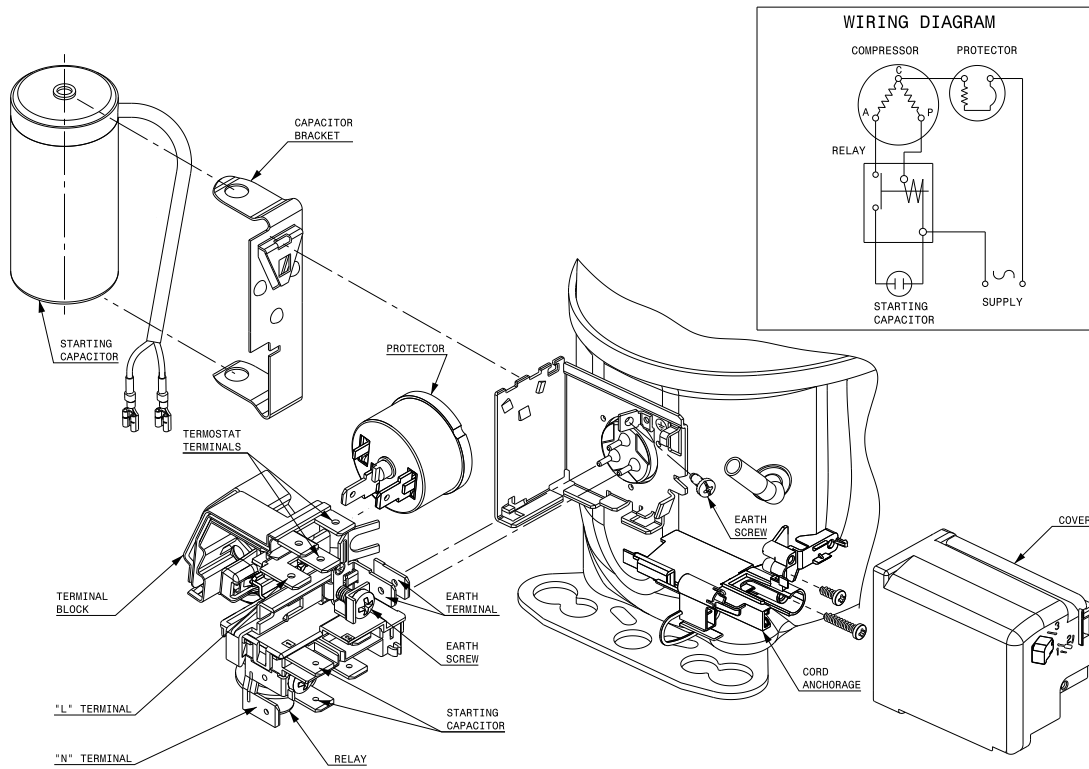
RSCR CONNECTION



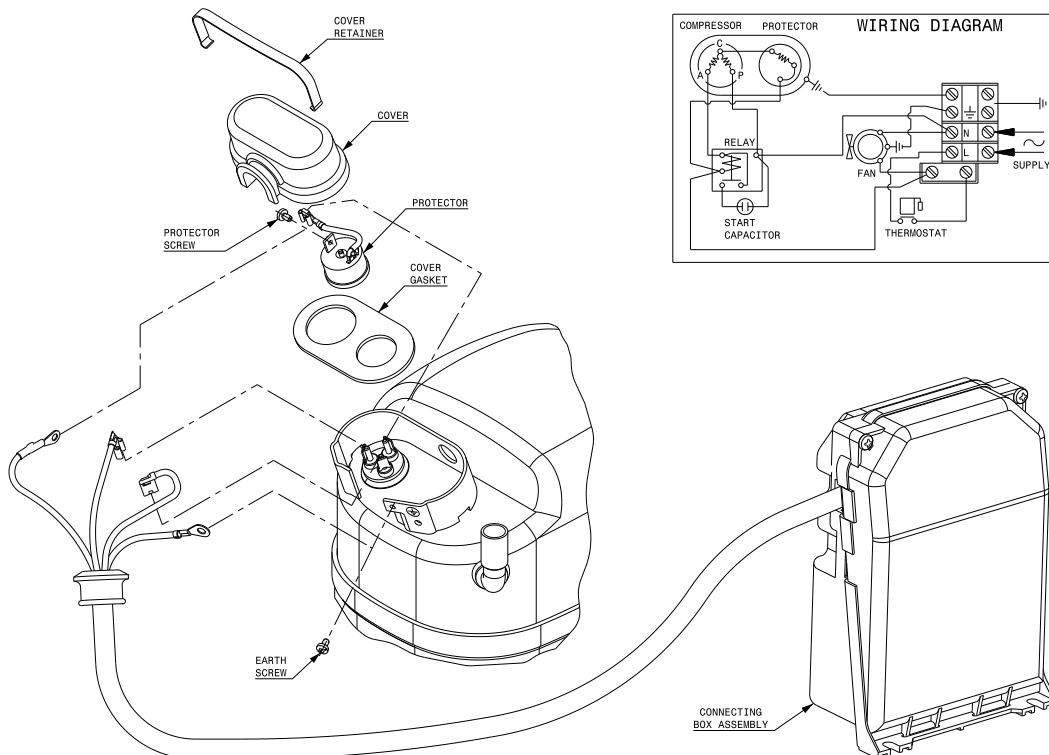
CSIR CONNECTION Small L & B



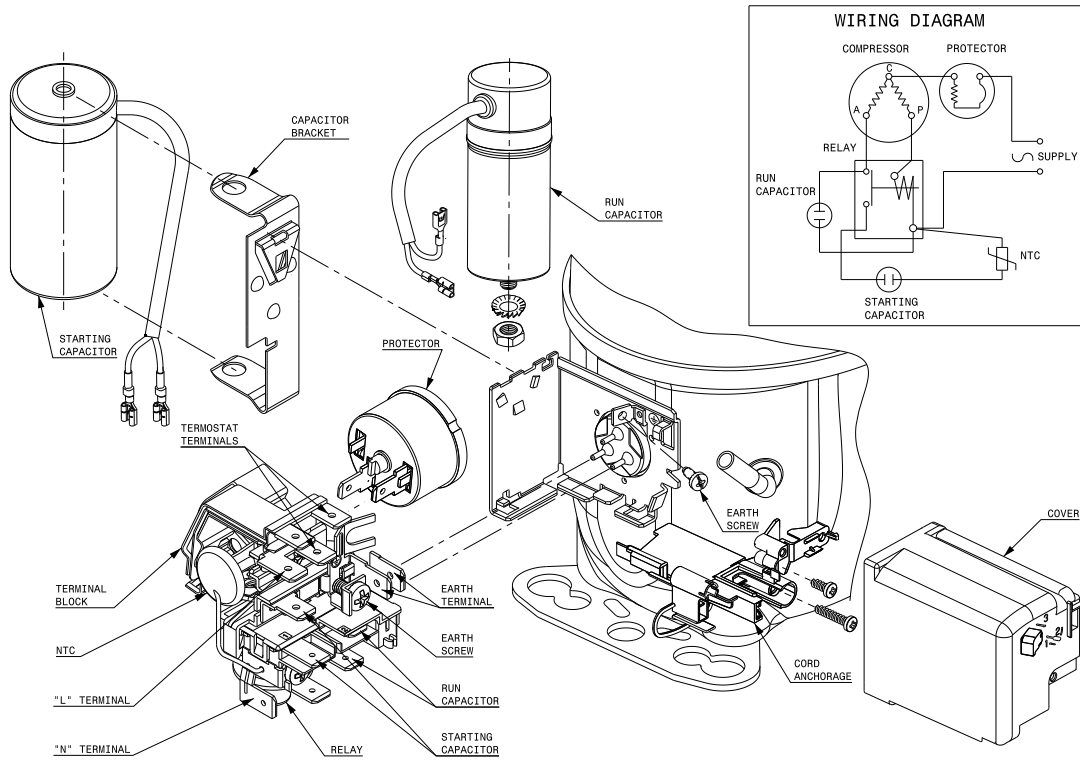
CSIR CONNECTION



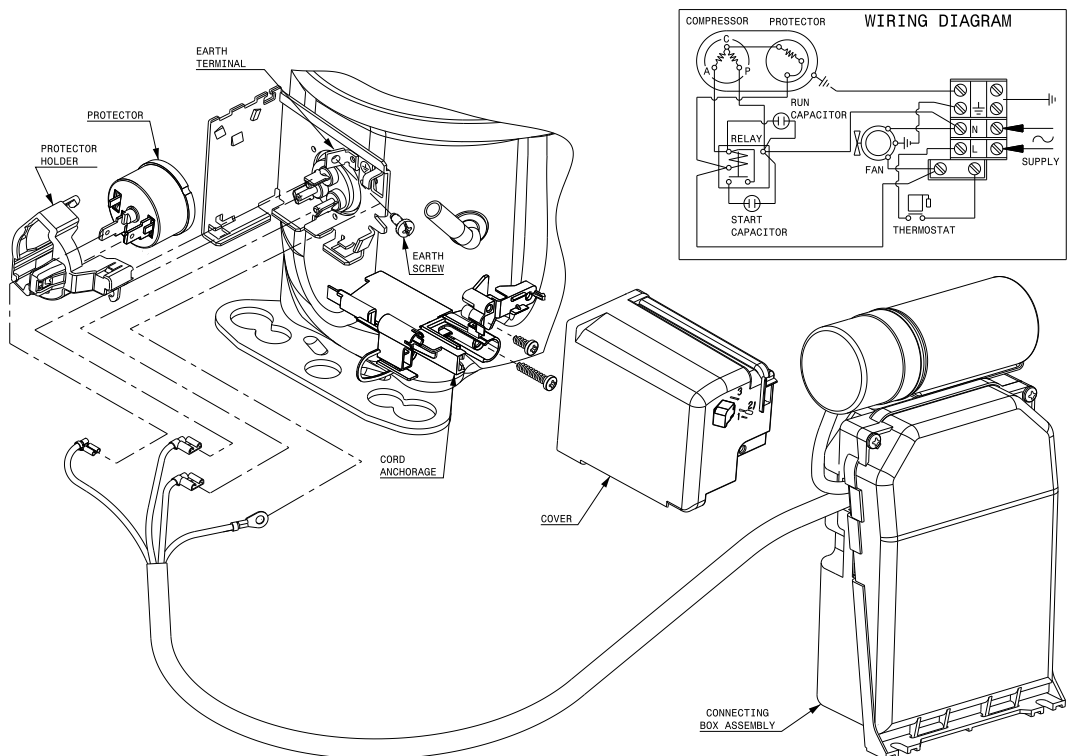
CSIR CONNECTION (EXTERNAL CONNECTING BOX) (S range)



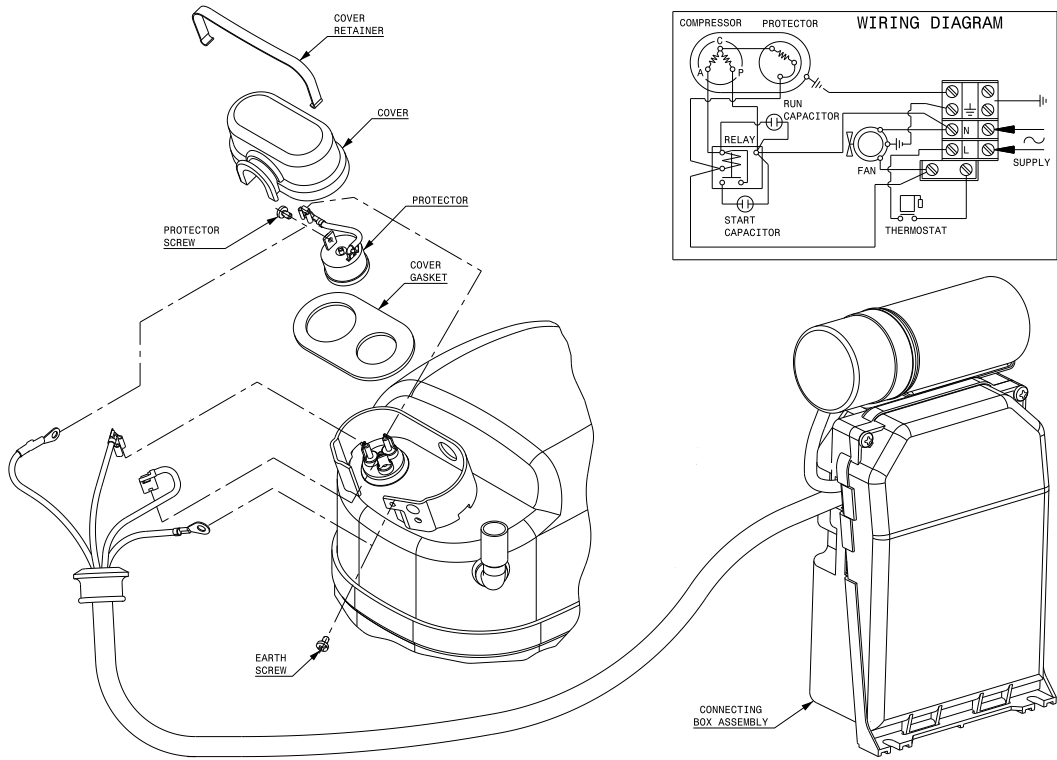
CSR CONNECTION (CURRENT RELAY + NTC)



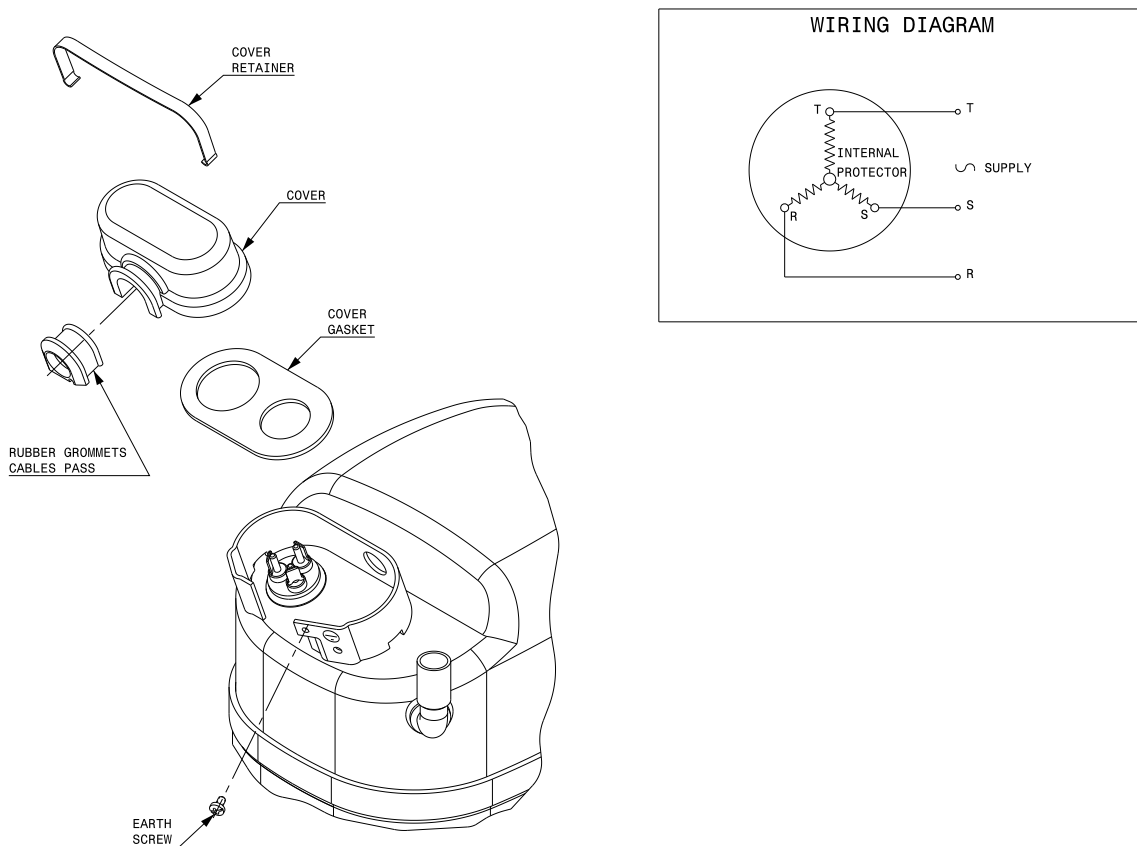
CSR CONNECTION (EXTERNAL CONNECTING BOX) (P, X ranges)



CSR CONNECTION (EXTERNAL CONNECTING BOX) (S range)



3PH CONNECTION (S range)



Applications



Glass door merchandiser



| | R134a | R404A | R290 |
|---------------|---------|---------|---------|
| 100 - 150 L | GUY60RA | ML40TB | NUY45RA |
| 200 - 300 L | GUY80RA | ML60TB | NUY60RA |
| 400 - 480 L | GPY12RA | MLY80RA | NUY90RA |
| 490 - 600 L | GPY14RA | MLY90RA | NLY12RA |
| 600 - 750 L | GPY16RA | MLY90RA | NLY12RA |
| 750 - 1000 L | GPT18RA | MLT12RA | NPY12RA |
| 1000 - 1400 L | GX21TB | MPT12RA | NPT14RA |
| 1400 - 1700 L | GS26TB | MPT14RA | NPT16RA |
| 1700 - 2000 L | GS30TB | MX18TBa | NX21TBa |

| PARAMETERS | |
|-------------------------|-----------|
| Evaporating temperature | -10°C |
| Internal temperature | 0 a 6°C |
| Application | MBP / LST |

Open chest display cabinet



| | R134a | R404A | R290 |
|-----|---------|---------|---------|
| 1 m | GPY12RA | ML80TB | NUY80RA |
| 2 m | GPY14RA | MLY80RA | NUY90RA |
| 3 m | GPT18RA | MLT12RA | NPY12RA |
| 4 m | GS26TB | MX16TBa | NX18TBa |

| PARAMETERS | |
|-------------------------|-----------|
| Evaporating temperature | -10°C |
| Internal temperature | 0 a 7°C |
| Application | MBP / LST |

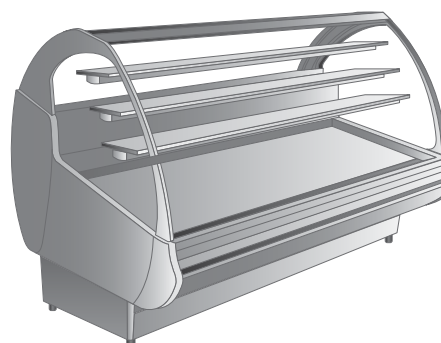
Open display mini refrigerator



| | R134a | R290 |
|-------------|---------|---------|
| 90 - 130 L | GUY60RA | NUY45RA |
| 140 - 200 L | GUY90RA | NUY60RA |

| PARAMETERS | |
|-------------------------|-----------|
| Evaporating temperature | -10°C |
| Internal temperature | -5°C |
| Application | MBP / LST |

Bakery display cabinet



| | R134a | R290 |
|-----|---------|---------|
| 1 m | GUY60RA | NUY45RA |
| 2 m | GUY90RA | NUY60RA |
| 3 m | GPY12RA | NUY70RA |

| PARAMETERS | |
|-------------------------|-----------|
| Evaporating temperature | -5°C |
| Internal temperature | 5 a 12°C |
| Application | MBP / LST |

Vending machine



| | R134a | R290 |
|-------|---------|---------|
| 400 L | GPY14RA | NUY90RA |
| 500 L | GPY16RA | NPY12RA |
| 800 L | GPT18RA | - |

| PARAMETERS | |
|-------------------------|------------|
| Evaporating temperature | -10°C |
| Internal temperature | 5°C |
| Application | HMBP / LST |

Open display refrigerator



| | R134a | R290 |
|-------|---------|---------|
| 300 L | GPY14RA | NUY90RA |
| 400 L | GPT18RA | NPY12RA |

| PARAMETERS | |
|-------------------------|-----------|
| Evaporating temperature | -10°C |
| Internal temperature | -5°C |
| Application | MBP / LST |

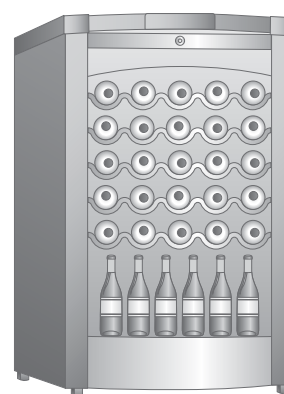
Self service cabinet



| | R134a | R290 |
|--------------|---------|---------|
| 350 - 500 L | GPY12RA | NUY90RA |
| 500 - 700 L | GPY14RA | NUY90RA |
| 700 - 900 L | GPT18RA | NPY12RA |
| 900 - 1000 L | GS30TB | - |

| PARAMETERS | |
|-------------------------|------------|
| Evaporating temperature | -10 a -5°C |
| Internal temperature | 0 a 10°C |
| Application | MBP / LST |

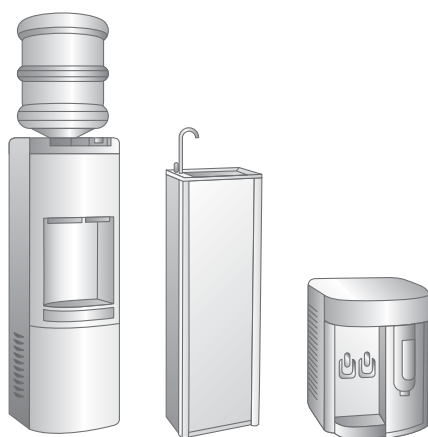
Wine cooler



| | R134a | R600a | R290 |
|------------|---------|---------|---------|
| 24 L | B38G | HUY70MA | NBC30RA |
| 45 - 60 L | GUY45RA | HLY99RA | - |
| 92 - 100 L | GUY60RA | - | NUY45RA |
| 200 L | GUY90RA | - | NUY60RA |

| PARAMETERS | |
|-------------------------|------------|
| Evaporating temperature | -5°C |
| Internal temperature | -5 a 15°C |
| Application | HMBP / LST |

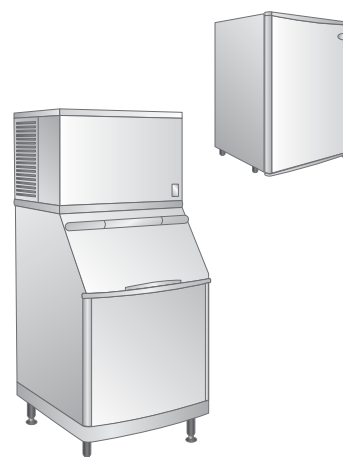
Water dispensers



| | R134a | R600a | R290 |
|-----------|---------|---------|---------|
| 2 - 4 L | B43GL | HUY70MA | NBC30RA |
| 5 - 7 L | GUY90RA | HLY99RA | NUY60RA |
| 8 - 12 L | GPY12RA | - | NUY90RA |
| 13 - 17 L | GPY16RA | - | NPY12RA |

| PARAMETERS | |
|-------------------------|------------|
| Evaporating temperature | -10 a -5°C |
| Internal temperature | -10°C |
| Application | HMBP / LST |

Ice maker



| | R134a | R290 |
|----------------|---------|---------|
| 24 - 48 kg/day | GLY45RA | NUY45RA |
| 72 kg/day | GUY90RA | NUY70RA |
| 100 kg/day | GPY16RA | NPY12RA |
| 140 kg/day | GPT18RA | - |
| 180 kg/day | GX23TG | - |
| 240 kg/day | GS26TB | - |

| PARAMETERS | |
|-------------------------|------------|
| Evaporating temperature | -10°C |
| Internal temperature | 0°C |
| Application | HMBP / LST |

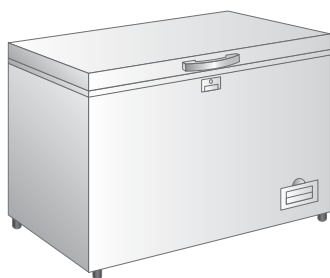
Upright freezer



| | R404A | R290 |
|-------------|---------|---------|
| 100 - 200 L | ML60FB | NUT60CA |
| 200 - 290 L | MLY80LA | NUT70CA |
| 300 - 380 L | MLY12LA | NPY12LA |
| 400 - 500 L | MPT16LA | NPT18LA |
| 500 - 600 L | MPT18LA | - |
| 600 - 700 L | MX23FBa | - |

| PARAMETERS | |
|-------------------------|-----------|
| Evaporating temperature | -30°C |
| Internal temperature | -18°C |
| Application | LBP / LST |

Chest freezer



| | R134a | R404A | R290 |
|-------------|---------|---------|---------|
| 200 - 290 L | GLY80AA | MLY45LA | NUY45LA |
| 300 - 380 L | GLY90AA | ML60FB | NUT55CA |
| 400 - 480 L | GPY12AA | MLY60LA | NUT60CA |
| 490 - 600 L | GPY16LA | MLY80LA | NUY90LA |

| PARAMETERS | |
|-------------------------|-----------|
| Evaporating temperature | -30°C |
| Internal temperature | -18°C |
| Application | LBP / LST |

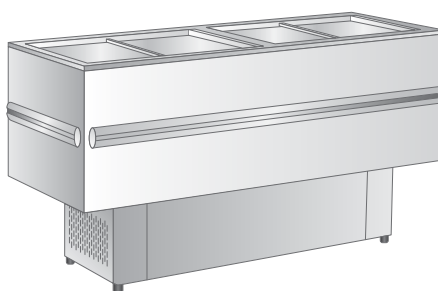
Upright commercial freezer



| | R134a | R404A | R290 |
|-------------|---------|---------|---------|
| 300 - 380 L | GLY90AA | ML60FB | NUT55CA |
| 380 - 450 L | GPY12AA | MLY60LA | NUT60CA |
| 450 - 520 L | GPY16LA | MLY80LA | NUY90LA |

| PARAMETERS | |
|-------------------------|-----------|
| Evaporating temperature | -30°C |
| Internal temperature | -18°C |
| Application | LBP / LST |

Island freezer



| | R404A | R290 |
|-----------|---------|---------|
| 1 - 1,5 m | MPT14LA | NPY14LA |
| 2 m | MPT18LA | NPT18LA |
| 3 m | MX23FBa | - |
| 4 m | MS30FBa | - |

| PARAMETERS | |
|-------------------------|-------------|
| Evaporating temperature | -30°C |
| Internal temperature | -20 a -15°C |
| Application | LBP / LST |

Spare parts list

| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|----------|----------|-----------------|-------------------------------|-----------|----------|--------------------|---------------|
| B35CA | 123B8403 | RSCR PTC | 220-240V 50Hz | 123B9562 | 123B9172 | | 123B9229 |
| B43CB | 123B8405 | RSIR Relay | 220-240V 50Hz & 220-240V 60Hz | 123B9572 | 123B9172 | | |
| B60C5BL | 123B8424 | RSCR PTC | 110-120V 60Hz | 123B9573 | 123B9174 | | 123B9222 |
| B60CBL | 123B8411 | RSIR PTC | 220-240V 50Hz | 123B9574 | 123B9172 | | |
| B60CBL | 123B8423 | RSIR PTC | 220-240V 60Hz | 123B9563 | 123B9172 | | |
| GUY60NRb | 123B1301 | CSIR Relay | 115-127V 60Hz | 123B9502 | 123B9136 | 123B9309 | |
| GUY60NRc | 123B1308 | CSIR Relay | 115-127V 60Hz | 123B9498 | 123B9136 | 123B9309 | |
| NBC22RA | 123B8309 | CSIR Relay | 220-240V 50Hz | 123B9563 | 123B9179 | 123B9323 | |
| NBC30NR | 123B8311 | CSIR Relay | 115-127V 60Hz | 123B9567 | 123B9182 | 123B9323 | |
| NBC30RA | 123B8310 | CSIR Relay | 220-240V 50Hz | 123B9568 | 123B9180 | 123B9323 | |
| NBC35NA | 123B8303 | RSIR Relay | 220-240V 50Hz | 123B9557 | 123B9191 | | |
| NUY45NRa | 123B3170 | CSIR Relay | 115-127V 60Hz | 123B9470 | 123B9109 | 123B9320 | |
| NUY45NRb | 123B3314 | CSR Relay + NTC | 115-127V 60Hz | 123B9470 | 123B9186 | 123B9320 | 123B9220 |
| NUY60NRa | 123B3312 | CSIR Relay | 115-127V 60Hz | 123B9543 | 123B9122 | 123B9320 | |
| NUY60NRc | 123B3313 | CSIR Relay | 115-127V 60Hz | 123B9482 | 123B9122 | 123B9320 | |
| B22G | 123B8115 | RSIR PTC | 220-240V 50Hz | 123B9551 | 123B9170 | | |
| B22G5 | 123B8116 | RSIR PTC | 110-115V 60Hz | 123B9559 | 123B9174 | | |
| B25G | 123B8117 | RSIR PTC | 220-240V 50Hz & 220-240V 60Hz | 123B9557 | 123B9173 | | |
| B25G5L | 123B8119 | CSIR Relay | 110-115V 60Hz | 123B9570 | 123B9181 | 123B9322 | |
| B25GL | 123B8118 | CSIR Relay | 220-240V 50Hz | 123B9564 | 123B9178 | 123B9322 | |
| B30G | 123B8120 | RSIR PTC | 220-240V 50Hz | 123B9560 | 123B9170 | | |
| B30G | 123B8120 | CSIR Relay | 220-240V 50Hz | 123B9567 | 123B9179 | 123B9322 | |
| B30G5 | 123B8122 | RSIR Relay | 110-115V 60Hz | 123B9571 | 123B9183 | | |
| B35C | 123B8404 | RSIR PTC | 220-240V 50Hz | 123B9552 | 123B9175 | | |
| B35C | 123B8404 | RSIR PTC | 220-240V 50Hz & 220-240V 60Hz | 123B9552 | 123B9175 | | |
| B35C5B | 123B8417 | RSIR PTC | 110-115V 60Hz | 123B9565 | 123B9177 | | |
| B35G5 | 123B8124 | CSIR Relay | 110-115V 60Hz | 123B9571 | 123B9184 | 123B9322 | |
| B35GL | 123B8123 | CSIR Relay | 220-240V 50Hz | 123B9566 | 123B9179 | 123B9323 | |
| B38G | 123B8125 | CSIR Relay | 220-240V 50Hz | 123B9567 | 123B9179 | 123B9322 | |
| B38G | 123B8125 | CSIR Relay | 220-240V 50Hz & 220-240V 60Hz | 123B9568 | 123B9180 | 123B9322 | |
| B38G5L | 123B8126 | CSIR Relay | 110-115V 60Hz | 123B9571 | 123B9182 | 123B9322 | |
| B38H | 123B8103 | RSIR PTC | 220-240V 50Hz | 123B9564 | 123B9170 | | |
| B38H | 123B8103 | RSIR PTC | 220-240V 60Hz | 123B9564 | 123B9170 | | |
| B38H5L | 123B8111 | RSIR PTC | 110-120V 60Hz | 123B9569 | 123B9177 | | |
| B43C5B | 123B8421 | RSIR PTC | 110-115V 60Hz | 123B9558 | 123B9174 | | |
| B43CB | 123B8405 | RSIR PTC | 220-240V 50Hz | 123B9554 | 123B9173 | | |
| B43CB | 123B8405 | RSCR PTC | 220-240V 50Hz | 123B9554 | 123B9172 | | 123B9229 |
| B43GL | 123B8127 | RSIR PTC | 220-240V 50Hz | 123B9561 | 123B9170 | | |
| B43H | 123B8104 | RSIR PTC | 220-240V 50Hz & 220-240V 60Hz | 123B9563 | 123B9170 | | |
| B52CL | 123B8408 | RSIR PTC | 220-240V 50Hz | 123B9555 | 123B9171 | | |
| B52CL | 123B8408 | RSIR PTC | 220-240V 50Hz & 220-240V 60Hz | 123B9555 | 123B9171 | | |
| B65CL | 123B8413 | RSIR PTC | 220-240V 50Hz | 123B9560 | 123B9171 | | |
| B65CL | 123B8413 | RSIR PTC | 220-240V 50Hz | 123B9556 | 123B9171 | | |
| GL11TB | 123B1591 | CSIR Relay | 220-240V 50Hz | 123B9436 | 123B9110 | 123B9312 | |
| GL45AAa | 123B1111 | RSIR PTC | 220-240V 50Hz | 123B9440 | 123B9101 | | |
| GL45AAb | 123B1112 | CSIR Relay | 220-240V 50Hz | 123B9440 | 123B9106 | 123B9311 | |
| GL45ADa | 123B1153 | RSIR PTC | 115V 60Hz | 123B9405 | 123B9102 | | |
| GL45ADb | 123B1154 | CSIR Relay | 115V 60Hz | 123B9405 | 123B9108 | 123B9309 | |
| GL45ANa | 123B1113 | RSIR PTC | 200-240V 50Hz & 220-230V 60Hz | 123B9418 | 123B9101 | | |
| GL45MG | 123B1704 | CSIR Relay | 230V 50/60Hz | 123B9444 | 123B9112 | 123B9311 | |
| GL45PB | 123B1515 | RSIR Relay | 220-240V 50Hz | 123B9404 | 123B9114 | | |

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| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|----------|----------|-----------------|-------------------------------|-----------|----------|--------------------|---------------|
| GL45PE | 123B1568 | RSIR Relay | 115V 60Hz | 123B9445 | 123B9115 | | |
| GL45TB | 123B1516 | CSIR Relay | 220-240V 50Hz | 123B9404 | 123B9111 | 123B9311 | |
| GL45TE | 123B1569 | CSIR Relay | 115V 60Hz | 123B9445 | 123B9116 | 123B9309 | |
| GL45TG | 123B1517 | CSIR Relay | 200-240V 50Hz & 220-230V 60Hz | 123B9525 | 123B9107 | 123B9311 | |
| GL60AAa | 123B1116 | RSIR PTC | 220-240V 50Hz | 123B9418 | 123B9101 | | |
| GL60AAb | 123B1117 | CSIR Relay | 220-240V 50Hz | 123B9404 | 123B9111 | 123B9311 | |
| GL60ADa | 123B1155 | RSIR PTC | 115V 60Hz | 123B9433 | 123B9102 | | |
| GL60ADb | 123B1156 | CSIR Relay | 115V 60Hz | 123B9425 | 123B9116 | 123B9309 | |
| GL60ANa | 123B1118 | RSIR PTC | 200-240V 50Hz & 220-230V 60Hz | 123B9450 | 123B9101 | | |
| GL60ANb | 123B1119 | CSIR Relay | 200-240V 50Hz & 220-230V 60Hz | 123B9404 | 123B9112 | 123B9311 | |
| GL60ANc | 123B1120 | CSIR Relay | 200-240V 50Hz & 220-230V 60Hz | 123B9451 | 123B9112 | 123B9311 | |
| GL60MG | 123B1705 | CSIR Relay | 230V 50/60Hz | 123B9402 | 123B9107 | 123B9311 | |
| GL60PB | 123B1520 | RSIR Relay | 220-240V 50Hz | 123B9439 | 123B9117 | | |
| GL60PE | 123B1570 | RSIR Relay | 115V 60Hz | 123B9456 | 123B9168 | | |
| GL60TB | 123B1521 | CSIR Relay | 220-240V 50Hz | 123B9454 | 123B9112 | 123B9311 | |
| GL60TC | 123B1523 | CSIR Relay | 100V 50/60Hz | 123B9455 | 123B9118 | 123B9309 | |
| GL60TE | 123B1571 | CSIR Relay | 115V 60Hz | 123B9456 | 123B9118 | 123B9309 | |
| GL60TG | 123B1522 | CSIR Relay | 200-240V 50Hz & 220-230V 60Hz | 123B9457 | 123B9107 | 123B9311 | |
| GL70ANa | 123B1173 | RSIR PTC | 200-220V 50Hz & 220-230V 60Hz | 123B9402 | 123B9101 | | |
| GL80AAa | 123B1123 | RSIR PTC | 220-240V 50Hz | 123B9461 | 123B9101 | | |
| GL80AAb | 123B1124 | CSIR Relay | 220-240V 50Hz | 123B9454 | 123B9112 | 123B9312 | |
| GL80ADa | 123B1157 | RSIR PTC | 115V 60Hz | 123B9432 | 123B9102 | | |
| GL80ADb | 123B1158 | CSIR Relay | 115V 60Hz | 123B9462 | 123B9118 | 123B9318 | |
| GL80ANa | 123B1125 | RSIR PTC | 200-220V 50Hz & 220-230V 60Hz | 123B9459 | 123B9101 | | |
| GL80ANb | 123B1126 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9464 | 123B9108 | 123B9315 | |
| GL80ANc | 123B1127 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9425 | 123B9108 | 123B9315 | |
| GL80MG | 123B1706 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9425 | 123B9119 | 123B9312 | |
| GL80PB | 123B1526 | RSIR Relay | 220-240V 50Hz | 123B9466 | 123B9120 | | |
| GL80PE | 123B1574 | RSIR Relay | 115V 60Hz | 123B9467 | 123B9121 | | |
| GL80TB | 123B1527 | CSIR Relay | 220-240V 50Hz | 123B9468 | 123B9107 | 123B9312 | |
| GL80TC | 123B1529 | CSIR Relay | 100V 50/60Hz | 123B9469 | 123B9122 | 123B9318 | |
| GL80TE | 123B1575 | CSIR Relay | 115V 60Hz | 123B9467 | 123B9122 | 123B9318 | |
| GL80TG | 123B1528 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9470 | 123B9119 | 123B9312 | |
| GL90AAa | 123B1130 | RSIR PTC | 220-240V 50Hz | 123B9402 | 123B9101 | | |
| GL90AAb | 123B1131 | CSIR Relay | 220-240V 50Hz | 123B9444 | 123B9112 | 123B9312 | |
| GL90ADa | 123B1159 | RSIR PTC | 115V 60Hz | 123B9471 | 123B9102 | | |
| GL90ADb | 123B1160 | CSIR Relay | 115V 60Hz | 123B9472 | 123B9122 | 123B9318 | |
| GL90ANa | 123B1132 | RSIR PTC | 200-220V 50Hz & 220-230V 60Hz | 123B9474 | 123B9101 | | |
| GL90ANb | 123B1133 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9425 | 123B9110 | 123B9315 | |
| GL90ANc | 123B1134 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9475 | 123B9110 | 123B9315 | |
| GL90MG | 123B1707 | CSIR Relay | 230V 50/60Hz | 123B9477 | 123B9109 | 123B9312 | |
| GL90PB | 123B1532 | RSIR Relay | 220-240V 50Hz | 123B9417 | 123B9123 | | |
| GL90PE | 123B1578 | RSIR Relay | 115V 60Hz | 123B9469 | 123B9121 | | |
| GL90TB | 123B1533 | CSIR Relay | 220-240V 50Hz | 123B9457 | 123B9110 | 123B9312 | |
| GL90TC | 123B1535 | CSIR Relay | 100V 50/60Hz | 123B9478 | 123B9122 | 123B9318 | |
| GL90TE | 123B1579 | CSIR Relay | 115V 60Hz | 123B9469 | 123B9122 | 123B9318 | |
| GL90TG | 123B1534 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9435 | 123B9109 | 123B9312 | |
| GL99AAa | 123B1165 | RSIR PTC | 220-240V 50Hz | 123B9480 | 123B9101 | | |
| GL99AAb | 123B1166 | CSIR Relay | 220-240V 50Hz | 123B9444 | 123B9108 | 123B9315 | |
| GL99ADa | 123B1161 | RSIR PTC | 115V 60Hz | 123B9471 | 123B9102 | | |
| GL99ADb | 123B1162 | CSIR Relay | 115V 60Hz | 123B9471 | 123B9122 | 123B9318 | |
| GLM12LAb | 123B1168 | CSIR Relay | 220-240V 50Hz | 123B9465 | 123B9119 | 123B9312 | |
| GLM12LAb | 123B1169 | CSR Relay + NTC | 220-240V 50Hz | 123B9465 | 123B9128 | 123B9312 | 123B9211 |

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| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|----------|----------|-----------------|-------------------------------|-----------|----------|--------------------|---------------|
| GLT80TDC | 123B1902 | ECM | 24-42V DC | 123B9322 | - | | |
| GLT99FSN | 123B1991 | ECM | 220-240V 50Hz | 123B9483 | - | | |
| GLY12NRa | 123B1304 | CSIR Relay | 115-127V 60Hz | 123B9491 | 123B9122 | 123B9314 | |
| GLY12NRb | 123B1305 | CSR Relay + NTC | 115-127V 60Hz | 123B9491 | 123B9124 | 123B9314 | 123B9216 |
| GLY12RAa | 123B1708 | CSIR Relay | 220-240V 50Hz | 123B9549 | 123B9110 | 123B9312 | |
| GLY12RAb | 123B1709 | CSR Relay + NTC | 220-240V 50Hz | 123B9549 | 123B9169 | 123B9312 | 123B9212 |
| GLY12RGa | 123B1710 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9502 | 123B9110 | 123B9312 | |
| GLY12RGb | 123B1711 | CSR Relay + NTC | 200-220V 50Hz & 220-230V 60Hz | 123B9502 | 123B9169 | 123B9312 | 123B9212 |
| GLY12RRa | 123B1601 | CSIR Relay | 115-127V 60Hz | 123B9491 | 123B9134 | 123B9318 | |
| GLY12RRb | 123B1599 | CSR Relay + NTC | 115-127V 60Hz | 123B9491 | 123B9141 | 123B9318 | 123B9216 |
| GLY45AAa | 123B1109 | RSIR PTC | 220-240V 50Hz | 123B9486 | 123B9101 | | |
| GLY45AAb | 123B1110 | RSCR PTC | 220-240V 50Hz | 123B9486 | 123B9101 | | 123B9209 |
| GLY45RAa | 123B1513 | CSIR Relay | 220-240V 50Hz | 123B9404 | 123B9111 | 123B9311 | |
| GLY45RAb | 123B1514 | CSR Relay + NTC | 220-240V 50Hz | 123B9404 | 123B9125 | 123B9311 | 123B9210 |
| GLY60AAa | 123B1114 | RSIR PTC | 220-240V 50Hz | 123B9516 | 123B9101 | | |
| GLY60AAb | 123B1115 | RSCR PTC | 220-240V 50Hz | 123B9516 | 123B9101 | | 123B9210 |
| GLY60RAa | 123B1518 | CSIR Relay | 220-240V 50Hz | 123B9454 | 123B9112 | 123B9311 | |
| GLY60RAb | 123B1519 | CSR Relay + NTC | 220-240V 50Hz | 123B9454 | 123B9126 | 123B9311 | 123B9210 |
| GLY70AAa | 123B1170 | RSIR PTC | 220-240V 50Hz | 123B9576 | 123B9101 | | |
| GLY70AAb | 123B1171 | RSCR PTC | 220-240V 50Hz | 123B9576 | 123B9101 | | 123B9210 |
| MX16TE | 123B2548 | CSR Box Size X | 115V 60Hz | 123B9714 | 123B9190 | 123B9324 | 123B9230 |
| MX18TE | 123B2545 | CSR Box Size X | 115V 60Hz | 123B9714 | 123B9190 | 123B9324 | 123B9230 |
| GLY80AAa | 123B1121 | RSIR PTC | 220-240V 50Hz | 123B9402 | 123B9101 | | |
| GLY80AAb | 123B1122 | RSCR PTC | 220-240V 50Hz | 123B9402 | 123B9101 | | 123B9211 |
| GLY80RAa | 123B1524 | CSIR Relay | 220-240V 50Hz | 123B9488 | 123B9107 | 123B9312 | |
| GLY80RAb | 123B1525 | CSR Relay + NTC | 220-240V 50Hz | 123B9488 | 123B9127 | 123B9312 | 123B9211 |
| GLY80RDa | 123B1572 | CSIR Relay | 115V 60Hz | 123B9472 | 123B9122 | 123B9313 | |
| GLY80RDb | 123B1573 | CSR Relay + NTC | 115V 60Hz | 123B9489 | 123B9124 | 123B9313 | 123B9216 |
| GLY90AAa | 123B1128 | RSIR PTC | 220-240V 50Hz | 123B9408 | 123B9101 | | |
| GLY90AAb | 123B1129 | RSCR PTC | 220-240V 50Hz | 123B9408 | 123B9101 | | 123B9211 |
| GLY90RAa | 123B1530 | CSIR Relay | 220-240V 50Hz | 123B9435 | 123B9119 | 123B9312 | |
| GLY90RAb | 123B1531 | CSR Relay + NTC | 220-240V 50Hz | 123B9466 | 123B9128 | 123B9312 | 123B9211 |
| GLY90RDa | 123B1576 | CSIR Relay | 115V 60Hz | 123B9491 | 123B9129 | 123B9313 | |
| GLY90RDb | 123B1577 | CSR Relay + NTC | 115V 60Hz | 123B9472 | 123B9130 | 123B9313 | 123B9216 |
| GP12CB | 123B1139 | RSIR Relay | 220-240V 50Hz | 123B9465 | 123B9123 | | |
| GP12FB | 123B1140 | CSIR Relay | 220-240V 50Hz | 123B9465 | 123B9110 | 123B9312 | |
| GP12PB | 123B1592 | RSIR Relay | 220-240V 50Hz | 123B9436 | 123B9131 | | |
| GP12PE | 123B1582 | RSIR Relay | 115V 60Hz | 123B9494 | 123B9132 | | |
| GP12TB | 123B1593 | CSIR Relay | 220-240V 50Hz | 123B9436 | 123B9110 | 123B9312 | |
| GP12TE | 123B1583 | CSIR Relay | 115V 60Hz | 123B9494 | 123B9134 | 123B9318 | |
| GP12TG | 123B1594 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9495 | 123B9116 | 123B9312 | |
| GP12YG | 123B1802 | CSIR Relay | 230V 50/60Hz | 123B9472 | 123B9136 | 123B9312 | |
| GP14CB | 123B1141 | RSIR Relay | 220-240V 50Hz | 123B9466 | 123B9131 | | |
| GP14CG | 123B1142 | RSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9470 | 123B9115 | - | |
| GP14FB | 123B1143 | CSIR Relay | 220-240V 50Hz | 123B9417 | 123B9119 | 123B9316 | |
| GP14FC | 123B1144 | CSIR Relay | 100V 50/60Hz | 123B9494 | 123B9134 | 123B9314 | |
| GP14FE | 123B1163 | CSIR Relay | 115V 60Hz | 123B9494 | 123B9134 | 123B9314 | |
| GP14PB | 123B1538 | RSIR Relay | 220-240V 50Hz | 123B9455 | 123B9135 | | |
| GP14PE | 123B1586 | RSIR Relay | 115V 60Hz | 123B9496 | 123B9132 | | |
| GP14TB | 123B1712 | CSIR Relay | 220-240V 50Hz | 123B9455 | 123B9116 | 123B9312 | |
| GP14TE | 123B1587 | CSIR Relay | 115V 60Hz | 123B9496 | 123B9134 | 123B9318 | |
| GP14TG | 123B1539 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9497 | 123B9136 | 123B9312 | |
| GP14YB | 123B1803 | RSCR PTC | 220-240V 50Hz | 123B9432 | 123B9113 | | 123B9219 |

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| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|----------|----------|-----------------|-------------------------------|-----------|----------|--------------------|---------------|
| GP16CB | 123B1147 | RSIR Relay | 220-240V 50Hz | 123B9466 | 123B9115 | | |
| GP16FB | 123B1148 | CSIR Relay | 220-240V 50Hz | 123B9466 | 123B9116 | 123B9316 | |
| GP16FC | 123B1149 | CSIR Relay | 100V 50/60Hz | 123B9494 | 123B9134 | 123B9314 | |
| GP16FE | 123B1164 | CSIR Relay | 115V 60Hz | 123B9494 | 123B9134 | 123B9314 | |
| GP16TB | 123B1713 | CSIR Relay | 220-240V 50Hz | 123B9498 | 123B9136 | 123B9316 | |
| GP16TE | 123B1718 | CSIR Relay | 115V 60Hz | 123B9496 | 123B9137 | 123B9318 | |
| GP16TG | 123B1714 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9482 | 123B9118 | 123B9316 | |
| GP16YGb | 123B1805 | CSR Relay + NTC | 230V 50/60Hz | 123B9494 | 123B9139 | 123B9312 | 123B9222 |
| GPM16RA | 123B1719 | CSIR Relay | 220-240V 50Hz | 123B9455 | 123B9118 | 123B9315 | |
| GPT16RG | 123B1715 | CSR Relay + NTC | 200-220V 50Hz & 220-230V 60Hz | 123B9498 | 123B9139 | 123B9316 | 123B9225 |
| GPT18RA | 123B1716 | CSR Relay + NTC | 220-240V 50Hz | 123B9499 | 123B9139 | 123B9312 | 123B9225 |
| GPY12AAa | 123B1135 | RSIR PTC | 220-240V 50Hz | 123B9408 | 123B9101 | | |
| GPY12AAb | 123B1136 | RSCR PTC | 220-240V 50Hz | 123B9408 | 123B9101 | | 123B9212 |
| GPY12LAa | 123B1137 | CSIR Relay | 220-240V 50Hz | 123B9421 | 123B9109 | 123B9315 | |
| GPY12LAb | 123B1138 | CSR Relay + NTC | 220-240V 50Hz | 123B9421 | 123B9140 | 123B9315 | 123B9222 |
| GPY12RAa | 123B1536 | CSIR Relay | 220-240V 50Hz | 123B9502 | 123B9116 | 123B9312 | |
| GPY12RAb | 123B1537 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9133 | 123B9312 | 123B9212 |
| GPY12RDa | 123B1580 | CSIR Relay | 115V 60Hz | 123B9494 | 123B9134 | 123B9314 | |
| GPY12RDb | 123B1581 | CSR Relay + NTC | 115V 60Hz | 123B9491 | 123B9141 | 123B9314 | 123B9216 |
| GPY14NDa | 123B1311 | CSIR Relay | 115V 60Hz | 123B9494 | 123B9138 | 123B9320 | |
| GPY14NDb | 123B1312 | CSR Relay + NTC | 115V 60Hz | 123B9494 | 123B9143 | 123B9320 | 123B9220 |
| GPY14NGa | 123B1313 | CSIR Relay | 200-220V 50Hz&220-230V 60Hz | 123B9502 | 123B9136 | 123B9316 | |
| GPY14NGb | 123B1314 | CSR Relay + NTC | 200-220V 50Hz&220-230V 60Hz | 123B9502 | 123B9151 | 123B9316 | 123B9212 |
| GPY14RAa | 123B1540 | CSIR Relay | 220-240V 50Hz | 123B9499 | 123B9116 | 123B9315 | |
| GPY14RAb | 123B1541 | CSR Relay + NTC | 220-240V 50Hz | 123B9498 | 123B9133 | 123B9315 | 123B9222 |
| GPY14RDa | 123B1584 | CSIR Relay | 115-127V 60Hz | 123B9496 | 123B9138 | 123B9314 | |
| GPY14RDb | 123B1585 | CSR Relay + NTC | 115-127V 60Hz | 123B9496 | 123B9143 | 123B9314 | 123B9217 |
| GPY16LAa | 123B1145 | CSIR Relay | 220-240V 50Hz | 123B9466 | 123B9109 | 123B9312 | |
| GPY16LAb | 123B1146 | CSR Relay + NTC | 220-240V 50Hz | 123B9466 | 123B9140 | 123B9312 | 123B9222 |
| GPY16RAa | 123B1542 | CSIR Relay | 220-240V 50Hz | 123B9499 | 123B9118 | 123B9315 | |
| GPY16RAb | 123B1543 | CSR Relay + NTC | 220-240V 50Hz | 123B9499 | 123B9139 | 123B9315 | 123B9222 |
| GPY16RDa | 123B1588 | CSIR Relay | 115-127V 60Hz | 123B9496 | 123B9138 | 123B9314 | |
| GPY16RDb | 123B1589 | CSR Relay + NTC | 115-127V 60Hz | 123B9496 | 123B9143 | 123B9314 | 123B9217 |
| GS26T3 | 123B1551 | 3ph Size S | 400-440V 50/60Hz 3ph | 123B9505 | - | | |
| GS26TB | 123B1549 | CSIR Box Size S | 220-240V 50Hz | 123B9550 | 123B9146 | 123B9304 | |
| GS26TG | 123B1550 | CSIR Box Size S | 200-220V 50Hz & 220-230V 60Hz | 123B9507 | 123B9146 | 123B9304 | |
| GS30TB | 123B1552 | CSR Box Size S | 220-240V 50Hz | 123B9506 | 123B9146 | 123B9302 | 123B9219 |
| GS30TG | 123B1553 | CSR Box Size S | 200-220V 50Hz & 220-230V 60Hz | 123B9507 | 123B9147 | 123B9304 | 123B9205 |
| MLY80LAb | 123B2114 | CSR Relay + NTC | 220-240V 50Hz | 123B9714 | 123B9128 | 123B9312 | 123B9222 |
| GS34TF | 123B1590 | CSR Box Size S | 220-230V 60Hz | 123B9509 | 123B9147 | 123B9304 | 123B9205 |
| GS34TG | 123B1614 | CSR Box Size S | 200-220V 50Hz & 220-230V 60Hz | 123B9507 | 123B9147 | 123B9304 | 123B9205 |
| GUY60RAa | 123B1608 | CSIR Relay | 220-240V 50Hz | 123B9414 | 123B9112 | 123B9311 | |
| GUY60RAb | 123B1609 | CSR Relay + NTC | 220-240V 50Hz | 123B9414 | 123B9126 | 123B9311 | 123B9211 |
| GUY70NRb | 123B1307 | CSIR Relay | 115-127V 60Hz | 123B9499 | 123B9118 | 123B9320 | |
| GUY70NRc | 123B1309 | CSIR Relay | 115-127V 60Hz | 123B9497 | 123B9118 | 123B9320 | |
| GUY72RCa | 123B1617 | CSIR Relay | 100V 50/60Hz | 123B9491 | 123B9118 | 123B9320 | |
| GUY72RCb | 123B1618 | CSR Relay + NTC | 100V 50/60Hz | 123B9491 | 123B9150 | 123B9320 | 123B9216 |
| GUY80NRb | 123B1303 | CSIR Relay | 115-127V 60Hz | 123B9498 | 123B9118 | 123B9309 | |
| GUY80NRc | 123B1310 | CSIR Relay | 115-127V 60Hz | 123B9497 | 123B9118 | 123B9309 | |
| GUY80RAa | 123B1610 | CSIR Relay | 220-240V 50Hz | 123B9488 | 123B9107 | 123B9311 | |
| GUY80RAb | 123B1611 | CSR Relay + NTC | 220-240V 50Hz | 123B9488 | 123B9127 | 123B9311 | 123B9211 |
| GUY90RAa | 123B1612 | CSIR Relay | 220-240V 50Hz | 123B9468 | 123B9119 | 123B9311 | |
| GUY90RAb | 123B1613 | CSR Relay + NTC | 220-240V 50Hz | 123B9468 | 123B9128 | 123B9311 | 123B9211 |
| GX18TB | 123B1544 | CSIR Relay | 220-240V 50Hz | 123B9482 | 123B9122 | 123B9315 | |

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| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|----------|----------|-----------------|-------------------------------|-----------|----------|--------------------|---------------|
| GX18TG | 123B1545 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9489 | 123B9129 | 123B9315 | |
| GX21FB | 123B1167 | CSIR Relay | 220-240V 50Hz | 123B9498 | 123B9136 | 123B9315 | |
| GX21TB | 123B1546 | CSIR Relay | 220-240V 50Hz | 123B9472 | 123B9129 | 123B9316 | |
| GX23TB | 123B1547 | CSIR Relay | 220-240V 50Hz | 123B9491 | 123B9129 | 123B9316 | |
| GX23TG | 123B1548 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9496 | 123B9134 | 123B9316 | |
| HD40AA | 123B4101 | RSIR PTC | 220-240V 50Hz | 123B9401 | 123B9101 | | |
| HD40MBa | 123B4501 | RSIR PTC | 220-240V 50Hz | 123B9511 | 123B9101 | | |
| HLY45AAa | 123B4102 | RSIR PTC | 220-240V 50Hz | 123B9512 | 123B9101 | | |
| HLY45AAb | 123B4103 | RSCR PTC | 220-240V 50Hz | 123B9512 | 123B9101 | | 123B9209 |
| HLY55AAa | 123B4104 | RSIR PTC | 220-240V 50Hz | 123B9513 | 123B9101 | | |
| HLY55AAb | 123B4105 | RSCR PTC | 220-240V 50Hz | 123B9513 | 123B9101 | | 123B9209 |
| HLY55MAa | 123B4502 | RSIR PTC | 220-240V 50Hz | 123B9407 | 123B9101 | | |
| HLY55MAb | 123B4503 | RSCR PTC | 220-240V 50Hz | 123B9407 | 123B9101 | | 123B9209 |
| HLY70AAa | 123B4106 | RSIR PTC | 220-240V 50Hz | 123B9515 | 123B9101 | | |
| HLY70AAb | 123B4107 | RSCR PTC | 220-240V 50Hz | 123B9515 | 123B9101 | | 123B9209 |
| HLY70MAa | 123B4507 | RSIR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | |
| HLY70MAb | 123B4508 | RSCR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | 123B9209 |
| HLY80AAa | 123B4108 | RSIR PTC | 220-240V 50Hz | 123B9486 | 123B9101 | | |
| HLY80AAb | 123B4109 | RSCR PTC | 220-240V 50Hz | 123B9486 | 123B9101 | | 123B9209 |
| HLY90AAa | 123B4110 | RSIR PTC | 220-240V 50Hz | 123B9407 | 123B9101 | | |
| HLY90AAb | 123B4111 | RSCR PTC | 220-240V 50Hz | 123B9407 | 123B9101 | | 123B9210 |
| HLY99AAa | 123B4112 | RSIR PTC | 220-240V 50Hz | 123B9407 | 123B9101 | | |
| HLY99AAb | 123B4113 | RSCR PTC | 220-240V 50Hz | 123B9407 | 123B9101 | | 123B9210 |
| HLY99RAa | 123B4513 | CSIR Relay | 220-240V 50Hz | 123B9439 | 123B9111 | 123B9312 | |
| HLY99RAb | 123B4514 | CSR Relay + NTC | 220-240V 50Hz | 123B9439 | 123B9125 | 123B9312 | 123B9211 |
| HPY12AAa | 123B4114 | RSIR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | |
| HPY12AAb | 123B4115 | RSCR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | 123B9210 |
| HPY12AGa | 123B4116 | RSIR PTC | 200-220V 50Hz & 220-230V 60Hz | 123B9461 | 123B9101 | | |
| HPY12AGb | 123B4117 | RSCR PTC | 200-220V 50Hz & 220-230V 60Hz | 123B9461 | 123B9101 | | 123B9210 |
| HPY12RAa | 123B4515 | CSIR Relay | 220-240V 50Hz | 123B9454 | 123B9107 | 123B9312 | |
| HPY12RAb | 123B4516 | CSR Relay + NTC | 220-240V 50Hz | 123B9454 | 123B9127 | 123B9312 | 123B9212 |
| HPY14AAa | 123B4118 | RSIR PTC | 220-240V 50Hz | 123B9461 | 123B9101 | | |
| HPY14AAb | 123B4119 | RSCR PTC | 220-240V 50Hz | 123B9516 | 123B9101 | | 123B9211 |
| HPY14AJa | 123B4120 | RSIR PTC | 100V 50/60Hz | 123B9517 | 123B9102 | | |
| HPY14AJb | 123B4121 | RSCR PTC | 100V 50/60Hz | 123B9517 | 123B9102 | | 123B9217 |
| HPY14RAa | 123B4517 | CSIR Relay | 220-240V 50Hz | 123B9465 | 123B9107 | 123B9312 | |
| HPY14RAb | 123B4518 | CSR Relay + NTC | 220-240V 50Hz | 123B9465 | 123B9127 | 123B9312 | 123B9212 |
| HPY16AAa | 123B4122 | RSIR PTC | 220-240V 50Hz | 123B9480 | 123B9101 | | |
| HPY16AAb | 123B4123 | RSCR PTC | 220-240V 50Hz | 123B9480 | 123B9101 | | 123B9211 |
| HPY16RAa | 123B4519 | CSIR Relay | 220-240V 50Hz | 123B9457 | 123B9107 | 123B9312 | |
| HPY16RAb | 123B4520 | CSR Relay + NTC | 220-240V 50Hz | 123B9457 | 123B9127 | 123B9312 | 123B9212 |
| HUY55MAa | 123B4505 | RSIR PTC | 220-240V 50Hz | 123B9515 | 123B9101 | | |
| HUY55MAb | 123B4506 | RSCR PTC | 220-240V 50Hz | 123B9515 | 123B9101 | | 123B9209 |
| HUY70MAa | 123B4511 | RSIR PTC | 220-240V 50Hz | 123B9541 | 123B9101 | | |
| HUY70MAb | 123B4512 | RSCR PTC | 220-240V 50Hz | 123B9541 | 123B9101 | | 123B9209 |
| L22CL | 123B8401 | RSIR PTC | 220-240V 50Hz | 123B9562 | 123B9175 | | |
| L22HL | 123B8101 | RSIR PTC | 220-240V 50Hz | 123B9562 | 123B9170 | | |
| L30CL | 123B8402 | RSIR PTC | 220-240V 50Hz & 220-240V 60Hz | 123B9553 | 123B9175 | | |
| L30HL | 123B8102 | RSIR PTC | 220-240V 50Hz & 220-240V 60Hz | 123B9557 | 123B9170 | | |
| L40TN | 123B5522 | CSIR Relay | 220-240V 50Hz | 123B9451 | 123B9105 | 123B9311 | |
| L45TN | 123B5502 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9417 | 123B9108 | 123B9311 | |
| L45TN | 123B5501 | CSIR Relay | 220-240V 50Hz | 123B9451 | 123B9105 | 123B9311 | |
| L57TN | 123B5503 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9436 | 123B9119 | 123B9311 | |
| L57TNb | 123B5505 | CSIR Relay | 220-240V 50Hz | 123B9464 | 123B9108 | 123B9311 | |

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| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|----------|----------|-----------------|-------------------------------|-----------|----------|--------------------|---------------|
| L76TN | 123B5507 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9455 | 123B9109 | 123B9312 | |
| L76TN | 123B5506 | CSIR Relay | 220-240V 50Hz | 123B9502 | 123B9110 | 123B9312 | |
| L88TN | 123B5518 | CSIR Relay | 115-127V 60Hz | 123B9496 | 123B9134 | 123B9314 | |
| L88TN | 123B5509 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9469 | 123B9116 | 123B9312 | |
| L88TN | 123B5508 | CSIR Relay | 220-240V 50Hz | 123B9455 | 123B9116 | 123B9312 | |
| ML40TB | 123B2501 | CSIR Relay | 220-240V 50Hz | 123B9417 | 123B9107 | 123B9311 | |
| ML40TG | 123B2502 | CSIR Relay | 200-240V 50Hz & 220-230V 60Hz | 123B9464 | 123B9108 | 123B9311 | |
| ML45FB | 123B2103 | CSIR Relay | 220-240V 50Hz | 123B9439 | 123B9112 | 123B9311 | |
| ML45FG | 123B2104 | CSIR Relay | 200-240V 50Hz & 220-230V 60Hz | 123B9439 | 123B9107 | 123B9311 | |
| ML45FR | 123B2160 | CSIR Relay | 115-127V 60Hz | 123B9499 | 123B9136 | 123B9309 | |
| ML45TB | 123B2503 | CSIR Relay | 220-240V 50Hz | 123B9417 | 123B9107 | 123B9311 | |
| ML45TG | 123B2504 | CSIR Relay | 200-240V 50Hz & 220-230V 60Hz | 123B9470 | 123B9108 | 123B9311 | |
| ML60FB | 123B2107 | CSIR Relay | 220-240V 50Hz | 123B9454 | 123B9107 | 123B9311 | |
| ML60FG | 123B2108 | CSIR Relay | 200-240V 50Hz & 220-230V 60Hz | 123B9466 | 123B9119 | 123B9311 | |
| ML60FR | 123B2143 | CSIR Relay | 115-127V 60Hz | 123B9482 | 123B9118 | 123B9309 | |
| ML60TB | 123B2507 | CSIR Relay | 220-240V 50Hz | 123B9464 | 123B9108 | 123B9311 | |
| ML60TG | 123B2508 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9436 | 123B9110 | 123B9311 | |
| ML60TR | 123B2529 | CSIR Relay | 115-127V 60Hz | 123B9472 | 123B9122 | 123B9318 | |
| ML80FB | 123B2111 | CSIR Relay | 220-240V 50Hz | 123B9466 | 123B9109 | 123B9312 | |
| ML80FG | 123B2112 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9502 | 123B9136 | 123B9312 | |
| ML80FR | 123B2146 | CSIR Relay | 115-127V 60Hz | 123B9494 | 123B9129 | 123B9318 | |
| ML80TB | 123B2511 | CSIR Relay | 220-240V 50Hz | 123B9436 | 123B9110 | 123B9312 | |
| ML80TG | 123B2512 | CSIR Relay | 200-240V 50Hz & 220-230V 60Hz | 123B9455 | 123B9116 | 123B9312 | |
| ML90FB | 123B2115 | CSIR Relay | 220-240V 50Hz | 123B9523 | 123B9109 | 123B9312 | |
| ML90FG | 123B2116 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9502 | 123B9136 | 123B9312 | |
| ML90FR | 123B2147 | CSIR Relay | 115-127V 60Hz | 123B9494 | 123B9134 | 123B9318 | |
| ML90TB | 123B2515 | CSIR Relay | 220-240V 50Hz | 123B9455 | 123B9116 | 123B9312 | |
| ML90TG | 123B2516 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9482 | 123B9136 | 123B9312 | |
| MLT12RA | 123B2540 | CSR Relay + NTC | 220-240V 50Hz | 123B9495 | 123B9151 | 123B9315 | 123B9219 |
| MLT12RG | 123B2532 | CSR Relay + NTC | 200-220V 50Hz & 220-230V 60Hz | 123B9489 | 123B9151 | 123B9316 | 123B9215 |
| MLT90CD | 123B2149 | RSCR PTC | 115V 60Hz | 123B9432 | 123B9102 | - | 123B9216 |
| MLT90CDc | 123B2150 | CSR Relay + NTC | 115V 60Hz | 123B9472 | 123B9130 | 123B9313 | 123B9216 |
| MLT90LD | 123B2148 | CSR Relay + NTC | 115V 60Hz | 123B9472 | 123B9130 | 123B9313 | 123B9216 |
| MLY12LAa | 123B2119 | CSIR Relay | 220-240V 50Hz | 123B9502 | 123B9116 | 123B9312 | |
| MLY12LAB | 123B2120 | CSR Relay + NTC | 220-240V 50Hz | 123B9502 | 123B9133 | 123B9312 | 123B9222 |
| MLY12Lfa | 123B2179 | CSIR Relay | 208-230V 60Hz | 123B9498 | 123B9122 | 123B9312 | |
| MLY12Lfb | 123B2180 | CSR Relay + NTC | 208-230V 60Hz | 123B9498 | 123B9160 | 123B9312 | 123B9212 |
| MLY12Lga | 123B2121 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9498 | 123B9122 | 123B9321 | |
| MLY12Lgb | 123B2122 | CSR Relay + NTC | 200-220V 50Hz & 230V 60Hz | 123B9498 | 123B9160 | 123B9321 | 123B9222 |
| MLY12Lra | 123B2181 | CSIR Relay | 115-127V 60Hz | 123B9527 | 123B9137 | 123B9314 | |
| MLY12Lrb | 123B2182 | CSR Relay + NTC | 115-127V 60Hz | 123B9527 | 123B9187 | 123B9314 | 123B9216 |
| MLY40AAa | 123B2101 | RSIR PTC | 220-240V 50Hz | 123B9461 | 123B9101 | | |
| MLY40AAb | 123B2102 | RSCR PTC | 220-240V 50Hz | 123B9461 | 123B9101 | | 123B9211 |
| MLY45LAa | 123B2105 | CSIR Relay | 220-240V 50Hz | 123B9431 | 123B9112 | 123B9311 | |
| MLY45LAB | 123B2106 | CSR Relay + NTC | 220-240V 50Hz | 123B9431 | 123B9126 | 123B9311 | 123B9211 |
| MLY45Lra | 123B2141 | CSIR Relay | 115-127V 60Hz | 123B9499 | 123B9136 | 123B9309 | |
| MLY45Lrb | 123B2142 | CSR Relay + NTC | 115-127V 60Hz | 123B9499 | 123B9148 | 123B9309 | 123B9216 |
| MLY60LAa | 123B2109 | CSIR Relay | 220-240V 50Hz | 123B9454 | 123B9107 | 123B9311 | |
| MLY60LAB | 123B2110 | CSR Relay + NTC | 220-240V 50Hz | 123B9454 | 123B9127 | 123B9311 | 123B9211 |
| MLY60Lda | 123B2144 | CSIR Relay | 115V 60Hz | 123B9482 | 123B9118 | 123B9313 | |
| MLY60Ldb | 123B2145 | CSR Relay + NTC | 115V 60Hz | 123B9499 | 123B9150 | 123B9313 | 123B9216 |
| MLY60RAa | 123B2505 | CSIR Relay | 220-240V 50Hz | 123B9502 | 123B9119 | 123B9311 | |
| MLY60Rab | 123B2506 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9128 | 123B9311 | 123B9212 |
| MLY60RDa | 123B2527 | CSIR Relay | 115V 60Hz | 123B9491 | 123B9122 | 123B9313 | |

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| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|----------|----------|-----------------|-------------------------------|-----------|----------|--------------------|---------------|
| MLY60RDb | 123B2528 | CSR Relay + NTC | 115V 60Hz | 123B9472 | 123B9124 | 123B9313 | 123B9216 |
| MLY80LAa | 123B2113 | CSIR Relay | 220-240V 50Hz | 123B9470 | 123B9119 | 123B9312 | |
| NUT55LRa | 123B3147 | CSIR Relay | 115-127V 60Hz | 123B9714 | 123B9116 | 123B9303 | |
| MLY80RAa | 123B2509 | CSIR Relay | 220-240V 50Hz | 123B9498 | 123B9116 | 123B9315 | |
| MLY80RAb | 123B2510 | CSR Relay + NTC | 220-240V 50Hz | 123B9502 | 123B9133 | 123B9315 | 123B9222 |
| MLY80RDa | 123B2530 | CSIR Relay | 115V 60Hz | 123B9494 | 123B9134 | 123B9314 | |
| MLY80RDb | 123B2531 | CSR Relay + NTC | 115V 60Hz | 123B9491 | 123B9141 | 123B9314 | 123B9216 |
| MLY90LAa | 123B2117 | CSIR Relay | 220-240V 50Hz | 123B9470 | 123B9109 | 123B9315 | |
| MLY90LAb | 123B2118 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9140 | 123B9315 | 123B9222 |
| MLY90RAa | 123B2513 | CSIR Relay | 220-240V 50Hz | 123B9499 | 123B9116 | 123B9315 | |
| MLY90RAb | 123B2514 | CSR Relay + NTC | 220-240V 50Hz | 123B9498 | 123B9133 | 123B9315 | 123B9222 |
| MP12FB | 123B2165 | CSIR Relay | 220-240V 50Hz | 123B9435 | 123B9116 | 123B9312 | |
| MP12FG | 123B2166 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9499 | 123B9136 | 123B9315 | |
| MP12FR | 123B2151 | CSIR Relay | 115-127V 60Hz | 123B9496 | 123B9134 | 123B9318 | |
| NUT55LRb | 123B3148 | CSR Relay + NTC | 115-127V 60Hz | 123B9714 | 123B9189 | 123B9303 | 123B9216 |
| MP12TG | 123B2517 | CSR Box | 200-220V 50Hz & 220-230V 60Hz | 123B9482 | 123B9153 | 123B9307 | 123B9222 |
| MP14FB | 123B2124 | CSIR Relay | 220-240V 50Hz | 123B9455 | 123B9136 | 123B9316 | |
| MP14FE | 123B2154 | CSIR Relay | 115V 60Hz | 123B9496 | 123B9138 | 123B9318 | |
| MP14FG | 123B2125 | CSIR Relay | 200-220V 50Hz & 230V 60Hz | 123B9498 | 123B9118 | 123B9316 | |
| MPT12CD | 123B2153 | RSCR PTC | 115V 60Hz | 123B9471 | 123B9102 | 123B9322 | 123B9216 |
| MPT12LA | 123B2123 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9133 | 123B9312 | 123B9222 |
| MPT12LD | 123B2152 | CSR Relay + NTC | 115V 60Hz | 123B9527 | 123B9141 | 123B9314 | 123B9216 |
| MPT12RA | 123B2518 | CSR Relay + NTC | 220-240V 50Hz | 123B9495 | 123B9151 | 123B9315 | 123B9215 |
| MPT12RG | 123B2703 | CSR Relay + NTC | 200-220V 50Hz & 220-230V 60Hz | 123B9489 | 123B9151 | 123B9316 | 123B9215 |
| MPT14LA | 123B2126 | CSR Relay + NTC | 220-240V 50Hz | 123B9498 | 123B9151 | 123B9312 | 123B9222 |
| MPT14LD | 123B2155 | CSR Relay + NTC | 115V 60Hz | 123B9496 | 123B9143 | 123B9314 | 123B9227 |
| MPT14LF | 123B2156 | CSR Relay + NTC | 208-230V 60Hz | 123B9498 | 123B9139 | 123B9315 | 123B9219 |
| MPT14RA | 123B2704 | CSR Relay + NTC | 220-240V 50Hz | 123B9482 | 123B9139 | 123B9315 | 123B9226 |
| MPT16LA | 123B2127 | CSR Relay + NTC | 220-240V 50Hz | 123B9502 | 123B9151 | 123B9316 | 123B9219 |
| MPT18LA | 123B2128 | CSR Relay + NTC | 220-240V 50Hz | 123B9497 | 123B9139 | 123B9316 | 123B9219 |
| MS18T3 | 123B2520 | 3ph Size S | 400-440V 50/60Hz 3ph | 123B9505 | - | | |
| MS22T3 | 123B2522 | 3ph Size S | 400-440V 50/60Hz 3ph | 123B9505 | - | | |
| MS22TB | 123B2521 | CSR Box Size S | 220-240V 50Hz | 123B9507 | 123B9154 | 123B9302 | 123B9215 |
| MS26F3 | 123B2136 | 3ph Size S | 400-440V 50/60Hz 3ph | 123B9505 | - | | |
| MS26FB | 123B2134 | CSR Box Size S | 220-240V 50Hz | 123B9550 | 123B9155 | 123B9304 | 123B9219 |
| MS26FF | 123B2157 | CSR Box Size S | 208-230V 60Hz | 123B9529 | 123B9153 | 123B9304 | 123B9208 |
| MS26FG | 123B2135 | CSR Box Size S | 200-220V 50Hz & 230V 60Hz | 123B9530 | 123B9153 | 123B9304 | 123B9208 |
| MS26T3 | 123B2525 | 3ph Size S | 400-440V 50/60Hz 3ph | 123B9531 | - | | |
| MS26TB | 123B2523 | CSR Box Size S | 220-240V 50Hz | 123B9507 | 123B9154 | 123B9304 | 123B9215 |
| MS26TG | 123B2524 | CSR Box Size S | 200-220V 50Hz & 230V 60Hz | 123B9509 | 123B9156 | 123B9304 | 123B9226 |
| MS30F3 | 123B2138 | 3ph Size S | 400-440V 50/60Hz 3ph | 123B9532 | - | | |
| MS30FB | 123B2137 | CSR Box Size S | 220-240V 50Hz | 123B9533 | 123B9152 | 123B9304 | 123B9215 |
| MS30FF | 123B2158 | CSR Box Size S | 208-230V 60Hz | 123B9509 | 123B9153 | 123B9304 | 123B9208 |
| MS30FG | 123B2159 | CSR Box Size S | 230V 60Hz | 123B9533 | 123B9156 | 123B9304 | 123B9226 |
| MS34F3 | 123B2140 | 3ph Size S | 400-440V 50/60Hz 3ph | 123B9534 | - | | |
| MS34FB | 123B2139 | CSR Box Size S | 220V 50Hz | 123B9507 | 123B9157 | 123B9304 | 123B9215 |
| MS34FF | 123B2174 | CSR Box Size S | 208V 60Hz | 123B9536 | 123B9156 | 123B9304 | 123B9208 |
| MS34T3 | 123B2526 | 3ph Size S | 400-440V 50/60Hz 3ph | 123B9537 | - | | |
| MS34TB | 123B2710 | CSR Box Size S | 220-240V 50Hz | 123B9538 | 123B9154 | 123B9304 | 123B9226 |
| MS34TG | 123B2711 | CSR Box Size S | 200-220V 50Hz & 230V 60Hz | 123B9548 | 123B9156 | 123B9304 | 123B9228 |
| MX16TBa | 123B2706 | CSR Relay + NTC | 220-240V 50Hz | 123B9491 | 123B9159 | 123B9321 | 123B9219 |
| MX18FBa | 123B2129 | CSR Relay + NTC | 220-240V 50Hz | 123B9497 | 123B9139 | 123B9312 | 123B9219 |
| MX18TBa | 123B2707 | CSR Relay + NTC | 220-240V 50Hz | 123B9491 | 123B9159 | 123B9321 | 123B9219 |
| MX18TG | 123B2519 | CSR Box | 200-220V 50Hz & 220-230V 60Hz | 123B9494 | 123B9156 | 123B9302 | 123B9208 |

Danfoss Light Commercial Refrigeration Compressors

| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|----------|----------|-----------------|-------------------------------|-----------|----------|--------------------|---------------|
| MX18TGa | 123B2541 | CSR Relay + NTC | 200-220V 50Hz & 220-230V 60Hz | 123B9496 | 123B9159 | 123B9304 | 123B9215 |
| MX21FBa | 123B2130 | CSR Relay + NTC | 220-240V 50Hz | 123B9482 | 123B9160 | 123B9316 | 123B9219 |
| MX21FG | 123B2131 | CSR Box | 200-220V 50Hz & 220-230V 60Hz | 123B9472 | 123B9156 | 123B9302 | 123B9208 |
| MX21TBa | 123B2708 | CSR Relay + NTC | 220-240V 50Hz | 123B9494 | 123B9161 | 123B9321 | 123B9215 |
| MX21TG | 123B2709 | CSR Box | 200-220V 50Hz & 230V 60Hz | 123B9496 | 123B9156 | 123B9302 | 123B9208 |
| MX21TGa | 123B2714 | CSR Relay + NTC | 200-220V 50Hz & 220-230V 60Hz | 123B9496 | 123B9161 | 123B9321 | 123B9208 |
| MX23FBa | 123B2132 | CSR Relay + NTC | 220-240V 50Hz | 123B9472 | 123B9159 | 123B9316 | 123B9219 |
| MX23FG | 123B2133 | CSR Box | 200-220V 50Hz & 220-230V 60Hz | 123B9491 | 123B9153 | 123B9304 | 123B9215 |
| MX23FGa | 123B2183 | CSR Relay + NTC | 200-220V 50Hz & 220-230V 60Hz | 123B9491 | 123B9159 | 123B9321 | 123B9215 |
| NL40TBb | 123B3526 | CSIR Relay | 220-240V 50Hz | 123B9454 | 123B9105 | 123B9311 | |
| NLY12LAa | 123B3118 | CSIR Relay | 220-240V 50Hz | 123B9470 | 123B9116 | 123B9312 | |
| NLY12LAB | 123B3119 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9133 | 123B9312 | 123B9222 |
| NLY12NGa | 123B3305 | CSIR Relay | 200-220V 50Hz & 220-230V 60Hz | 123B9498 | 123B9122 | 123B9321 | |
| NLY12NGb | 123B3306 | CSR Relay + NTC | 200-220V 50Hz & 220-230V 60Hz | 123B9498 | 123B9160 | 123B9321 | 123B9212 |
| NLY12RAa | 123B3529 | CSIR Relay | 220-240V 50Hz | 123B9495 | 123B9136 | 123B9316 | |
| NLY12RAb | 123B3530 | CSR Relay + NTC | 220-240V 50Hz | 123B9495 | 123B9151 | 123B9316 | 123B9225 |
| NLY45LAa | 123B3102 | CSIR Relay | 220-240V 50Hz | 123B9431 | 123B9112 | 123B9311 | |
| NLY45LAB | 123B3103 | CSR Relay + NTC | 220-240V 50Hz | 123B9431 | 123B9126 | 123B9311 | 123B9211 |
| NLY45LRa | 123B3129 | CSIR Relay | 115-127V 60Hz | 123B9470 | 123B9118 | 123B9313 | |
| NLY45LRb | 123B3130 | CSR Relay + NTC | 115-127V 60Hz | 123B9470 | 123B9150 | 123B9313 | 123B9216 |
| NLY45RAa | 123B3504 | CSIR Relay | 220-240V 50Hz | 123B9454 | 123B9105 | 123B9311 | |
| NLY45RAb | 123B3505 | CSR Relay + NTC | 220-240V 50Hz | 123B9431 | 123B9163 | 123B9311 | 123B9210 |
| NLY45RRa | 123B3516 | CSIR Relay | 115-127V 60Hz | 123B9489 | 123B9118 | 123B9320 | |
| NLY45RRb | 123B3517 | CSR Relay + NTC | 115-127V 60Hz | 123B9489 | 123B9150 | 123B9320 | 123B9216 |
| NLY60CAa | 123B3108 | RSIR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | |
| NLY60CAb | 123B3109 | RSCR PTC | 220-240V 50Hz | 123B9541 | 123B9101 | | 123B9211 |
| NLY60LAa | 123B3106 | CSIR Relay | 220-240V 50Hz | 123B9454 | 123B9107 | 123B9311 | |
| NLY60LAB | 123B3107 | CSR Relay + NTC | 220-240V 50Hz | 123B9454 | 123B9127 | 123B9311 | 123B9211 |
| NLY60LRa | 123B3131 | CSIR Relay | 115-127V 60Hz | 123B9482 | 123B9122 | 123B9313 | |
| NLY60LRb | 123B3132 | CSR Relay + NTC | 115-127V 60Hz | 123B9482 | 123B9124 | 123B9313 | 123B9216 |
| NLY60RAa | 123B3506 | CSIR Relay | 220-240V 50Hz | 123B9470 | 123B9112 | 123B9311 | |
| NLY60RAb | 123B3507 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9126 | 123B9311 | 123B9211 |
| NLY60RRa | 123B3518 | CSIR Relay | 115-127V 60Hz | 123B9489 | 123B9118 | 123B9309 | |
| NLY60RRb | 123B3519 | CSR Relay + NTC | 115-127V 60Hz | 123B9489 | 123B9150 | 123B9309 | 123B9216 |
| NLY75LAa | 123B3153 | CSIR Relay | 220-240V 50Hz | 123B9470 | 123B9108 | 123B9312 | |
| NLY75LAB | 123B3154 | CSR Relay + NTC | 220-240V 50Hz | 123B9454 | 123B9188 | 123B9312 | 123B9222 |
| NLY75NRa | 123B3301 | CSIR Relay | 115-127V 60Hz | 123B9482 | 123B9129 | 123B9318 | |
| NLY75NRb | 123B3302 | CSR Relay + NTC | 115-127V 60Hz | 123B9482 | 123B9130 | 123B9318 | 123B9216 |
| NLY75RAa | 123B3508 | CSIR Relay | 220-240V 50Hz | 123B9502 | 123B9116 | 123B9315 | |
| NLY75RAb | 123B3509 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9133 | 123B9315 | 123B9222 |
| NLY75RRa | 123B3520 | CSIR Relay | 115-127V 60Hz | 123B9494 | 123B9129 | 123B9309 | |
| NLY75RRb | 123B3521 | CSR Relay + NTC | 115-127V 60Hz | 123B9494 | 123B9130 | 123B9309 | 123B9216 |
| NLY80LAa | 123B3114 | CSIR Relay | 220-240V 50Hz | 123B9464 | 123B9119 | 123B9312 | |
| NLY80LAB | 123B3115 | CSR Relay + NTC | 220-240V 50Hz | 123B9454 | 123B9128 | 123B9312 | 123B9222 |
| NLY80LRa | 123B3133 | CSIR Relay | 115-127V 60Hz | 123B9482 | 123B9129 | 123B9318 | |
| NLY80LRb | 123B3134 | CSR Relay + NTC | 115-127V 60Hz | 123B9482 | 123B9130 | 123B9318 | 123B9216 |
| NLY80RAa | 123B3510 | CSIR Relay | 220-240V 50Hz | 123B9542 | 123B9116 | 123B9315 | |
| NLY80RAb | 123B3511 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9133 | 123B9315 | 123B9222 |
| NLY80RRa | 123B3522 | CSIR Relay | 115-127V 60Hz | 123B9494 | 123B9129 | 123B9309 | |
| NLY80RRb | 123B3523 | CSR Relay + NTC | 115-127V 60Hz | 123B9494 | 123B9130 | 123B9309 | 123B9216 |
| NLY90LAa | 123B3116 | CSIR Relay | 220-240V 50Hz | 123B9457 | 123B9109 | 123B9312 | |
| NLY90LAB | 123B3117 | CSR Relay + NTC | 220-240V 50Hz | 123B9525 | 123B9140 | 123B9312 | 123B9222 |
| NLY90NRa | 123B3309 | CSIR Relay | 115-127V 60Hz | 123B9491 | 123B9129 | 123B9313 | |

Danfoss Light Commercial Refrigeration Compressors

| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|----------|----------|-----------------|---------------|-----------|----------|--------------------|---------------|
| NLY90NRb | 123B3310 | CSR Relay + NTC | 115-127V 60Hz | 123B9491 | 123B9130 | 123B9313 | 123B9216 |
| NLY90RAa | 123B3512 | CSIR Relay | 220-240V 50Hz | 123B9498 | 123B9116 | 123B9315 | |
| NLY90RAb | 123B3513 | CSR Relay + NTC | 220-240V 50Hz | 123B9502 | 123B9133 | 123B9315 | 123B9222 |
| NLY90RRa | 123B3524 | CSIR Relay | 115-127V 60Hz | 123B9496 | 123B9129 | 123B9309 | |
| NLY90RRb | 123B3525 | CSR Relay + NTC | 115-127V 60Hz | 123B9496 | 123B9130 | 123B9309 | 123B9216 |
| NPT14RA | 123B3703 | CSR Relay + NTC | 220-240V 50Hz | 123B9482 | 123B9139 | 123B9315 | 123B9219 |
| NPT16LA | 123B3124 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9151 | 123B9316 | 123B9225 |
| NPT16LR | 123B3165 | CSR Relay + NTC | 115-127V 60Hz | 123B9494 | 123B9143 | 123B9313 | 123B9221 |
| NPT16RA | 123B3712 | CSR Relay + NTC | 220-240V 50Hz | 123B9482 | 123B9139 | 123B9316 | 123B9223 |
| NPT18LA | 123B3125 | CSR Relay + NTC | 220-240V 50Hz | 123B9502 | 123B9151 | 123B9316 | 123B9219 |
| NPY12LAa | 123B3120 | CSIR Relay | 220-240V 50Hz | 123B9502 | 123B9116 | 123B9312 | |
| NPY12LAb | 123B3121 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9133 | 123B9312 | 123B9222 |
| NPY12LRa | 123B3137 | CSIR Relay | 115-127V 60Hz | 123B9494 | 123B9129 | 123B9309 | |
| NPY12LRb | 123B3138 | CSR Relay + NTC | 115-127V 60Hz | 123B9494 | 123B9130 | 123B9309 | 123B9216 |
| NPY12RAa | 123B3701 | CSIR Relay | 220-240V 50Hz | 123B9499 | 123B9136 | 123B9315 | |
| NPY12RAb | 123B3702 | CSR Relay + NTC | 220-240V 50Hz | 123B9499 | 123B9151 | 123B9315 | 123B9222 |
| NPY14LAa | 123B3122 | CSIR Relay | 220-240V 50Hz | 123B9502 | 123B9136 | 123B9315 | |
| NPY14LAb | 123B3123 | CSR Relay + NTC | 220-240V 50Hz | 123B9502 | 123B9151 | 123B9315 | 123B9222 |
| NPY14LFa | 123B3139 | CSIR Relay | 208-230V 60Hz | 123B9498 | 123B9118 | 123B9315 | |
| NPY14LFb | 123B3140 | CSR Relay + NTC | 208-230V 60Hz | 123B9498 | 123B9139 | 123B9315 | 123B9219 |
| NUT55CAa | 123B3104 | RSIR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | |
| NUT55CAb | 123B3105 | RSCR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | 123B9211 |
| NUT55CAc | 123B3141 | RSIR PTC | 220-240V 50Hz | 123B9460 | 123B9101 | | |
| NUT55CAd | 123B3142 | RSCR PTC | 220-240V 50Hz | 123B9460 | 123B9101 | | 123B9211 |
| NUT55LRc | 123B3155 | CSIR Relay | 115-127V 60Hz | 123B9495 | 123B9116 | 123B9303 | |
| NUT55LRd | 123B3156 | CSR Relay + NTC | 115-127V 60Hz | 123B9495 | 123B9189 | 123B9303 | 123B9216 |
| NUT60CAa | 123B3110 | RSIR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | |
| NUT60CAb | 123B3111 | RSCR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | 123B9211 |
| NUT60CAc | 123B3145 | RSIR PTC | 220-240V 50Hz | 123B9480 | 123B9101 | | |
| NUT60CAd | 123B3146 | RSCR PTC | 220-240V 50Hz | 123B9480 | 123B9101 | | 123B9211 |
| NUT60LRa | 123B3149 | CSIR Relay | 115-127V 60Hz | 123B9498 | 123B9136 | 123B9305 | |
| NUT60LRb | 123B3150 | CSR Relay + NTC | 115-127V 60Hz | 123B9498 | 123B9148 | 123B9305 | 123B9216 |
| NUT60LRc | 123B3151 | CSIR Relay | 115-127V 60Hz | 123B9495 | 123B9136 | 123B9305 | |
| NUT60LRd | 123B3152 | CSR Relay + NTC | 115-127V 60Hz | 123B9495 | 123B9148 | 123B9305 | 123B9216 |
| NUT70CAa | 123B3112 | RSIR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | |
| NUT70CAb | 123B3113 | RSCR PTC | 220-240V 50Hz | 123B9458 | 123B9101 | | 123B9212 |
| NUT70CAc | 123B3161 | RSIR PTC | 220-240V 50Hz | 123B9480 | 123B9101 | | |
| NUT70CAd | 123B3162 | RSCR PTC | 220-240V 50Hz | 123B9480 | 123B9101 | | 123B9212 |
| NUY45LAa | 123B3143 | CSIR Relay | 220-240V 50Hz | 123B9415 | 123B9111 | 123B9311 | |
| NUY45LAb | 123B3144 | CSR Relay + NTC | 220-240V 50Hz | 123B9415 | 123B9125 | 123B9311 | 123B9211 |
| NUY45NRa | 123B3170 | CSIR Relay | 115-127V 60Hz | 123B9470 | 123B9109 | 123B9320 | |
| NUY45RAa | 123B3704 | CSIR Relay | 220-240V 50Hz | 123B9404 | 123B9105 | 123B9311 | |
| NUY60LAa | 123B3157 | CSIR Relay | 220-240V 50Hz | 123B9439 | 123B9105 | 123B9311 | |
| NUY60LAb | 123B3158 | CSR Relay + NTC | 220-240V 50Hz | 123B9439 | 123B9163 | 123B9311 | 123B9211 |
| NUY70RAa | 123B3527 | CSIR Relay | 220-240V 50Hz | 123B9470 | 123B9110 | 123B9311 | |
| NUY70RAb | 123B3528 | CSR Relay + NTC | 220-240V 50Hz | 123B9470 | 123B9169 | 123B9311 | 123B9212 |
| NUY80LAa | 123B3171 | CSIR Relay | 220-240V 50Hz | 123B9417 | 123B9119 | 123B9311 | |
| NUY90CAa | 123B3163 | RSIR PTC | 220-240V 50Hz | 123B9421 | 123B9101 | | |
| NUY90CAb | 123B3164 | RSCR PTC | 220-240V 50Hz | 123B9421 | 123B9101 | | 123B9212 |
| NUY90LAa | 123B3159 | CSIR Relay | 220-240V 50Hz | 123B9417 | 123B9110 | 123B9311 | |
| NUY90LAb | 123B3160 | CSR Relay + NTC | 220-240V 50Hz | 123B9417 | 123B9169 | 123B9311 | 123B9212 |
| NX18FBa | 123B3126 | CSR Relay + NTC | 220-240V 50Hz | 123B9497 | 123B9139 | 123B9315 | 123B9219 |
| NX18TBa | 123B3514 | CSR Relay + NTC | 220-240V 50Hz | 123B9489 | 123B9159 | 123B9321 | 123B9219 |

Danfoss Light Commercial Refrigeration Compressors

| Model | Code | Motor | Voltage | Protector | Relay | Starting capacitor | Run capacitor |
|---------|----------|-----------------|-------------------------------|-----------|----------|--------------------|---------------|
| NX21FBa | 123B3127 | CSR Relay + NTC | 220-240V 50Hz | 123B9482 | 123B9160 | 123B9316 | 123B9219 |
| NX21TBa | 123B3515 | CSR Relay + NTC | 220-240V 50Hz | 123B9491 | 123B9159 | 123B9321 | 123B9219 |
| NX23FBa | 123B3128 | CSR Relay + NTC | 220-240V 50Hz | 123B9472 | 123B9159 | 123B9316 | 123B9219 |
| P12TN | 123B5510 | CSR Relay + NTC | 220-240V 50Hz | 123B9498 | 123B9140 | 123B9315 | 123B9222 |
| P12TN | 123B5520 | CSR Box | 230V 60Hz | 123B9467 | 123B9156 | 123B9307 | 123B9219 |
| RL90TE | 123B9002 | CSIR Relay | 100V 50Hz & 115V 60Hz | 123B9544 | 123B9129 | 123B9318 | |
| RL90TG | 123B9001 | CSIR Relay | 220-240V 50Hz & 220-240V 60Hz | 123B9425 | 123B9116 | 123B9316 | |
| S18TN | 123B5514 | CSR Box Size S | 200-220V 50Hz & 230V 60Hz | 123B9533 | 123B9153 | 123B9307 | 123B9219 |
| S18TN | 123B5513 | CSR Box Size S | 220-240V 50Hz | 123B9530 | 123B9152 | 123B9307 | 123B9219 |
| S22TN | 123B5515 | CSR Box Size S | 220-240V 50Hz | 123B9530 | 123B9152 | 123B9307 | 123B9219 |
| S26TN | 123B5516 | CSR Box Size S | 230V 60Hz | 123B9546 | 123B9156 | 123B9304 | 123B9215 |
| S26TN | 123B5516 | CSR Box Size S | 220-240V 50Hz | 123B9507 | 123B9154 | 123B9304 | 123B9219 |
| GS34TB | 123B1554 | CSR Box Size S | 220-240V 50Hz | 123B9508 | 123B9146 | 123B9325 | 123B9219 |
| X16TN | 123B5711 | CSR Box | 200-220V 50Hz & 230V 60Hz | 123B9494 | 123B9156 | 123B9307 | 123B9219 |
| X18TN | 123B5712 | CSR Box | 200-220V 50Hz & 230V 60Hz | 123B9494 | 123B9156 | 123B9307 | 123B9222 |

Danfoss Cooling

is a worldwide manufacturer of compressors and condensing units for refrigeration and HVAC applications. With a wide range of high quality and innovative products we help your company to find the best possible energy efficient solution that respects the environment and reduces total life cycle costs.

We have 40 years of experience within the development of hermetic compressors which has brought us amongst the global leaders in our business, and positioned us as distinct variable speed technology specialists. Today we operate from engineering and manufacturing facilities spanning across three continents.



Our products can be found in a variety of applications such as rooftops, chillers, residential air conditioners, heatpumps, coldrooms, supermarkets, milk tank cooling and industrial cooling processes.

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