ENGINEERING
TOMORROW

50 and 60Hz Catalogue

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

R134a | R404A | R507 | R600a | R290

lightcommercialrefrigeration.danfoss.com

Contents

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 CO_2 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 (cm³)		Cooling capacity (W) *				Weight (max) (kg)
			LBP		HMBP		
	min	max	min	max	min	max	
Small L	1.4	3.1	30	67	-	-	4.20
B	2.2	6.5	54	200	186	423	6.00
F	3	8	180	390	-	-	6.9
HY	2.5	15.3	65	430	55	1300	10.2
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	42	1018	2558	2489	5494	23

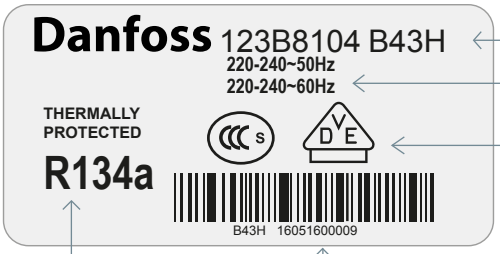
*All refrigerants / Measured at ASHRAE rating condition 50 Hz

Labels and Approvals

For F, U, L, P, X, S

Compressor code and model
Voltage
Approvals
Production Date
Bar Code
Refrigerant

For Small L, B, HL & HK



Compressor code and model
Voltage
Approvals
Bar Code
Refrigerant

Approvals

Directive compliance declarations

Flammable gases

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

model

G L Y 6 0 R A a

G L Y 60 R A a

Indicates refrigerant.

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

Indicates compressor range (overall design).

L = 4.5 - 11cm³
P = 12 - 18cm³
X = 16 - 23cm³
S = 18 - 42cm³
U = 5.5 - 14.2cm³
F = 3 - 81cm³

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

Blank = Standard Efficiency
C = Enhance Efficiency
M = Medium
Y/G = High Efficiency - Run Capacitor Optional RSIR/RSCR or CSIR/CSR
T = Top Efficiency - Run Capacitor RSCR or CSR
S = Super Efficiency - Run Capacitor Optional RSIR/RSCR or CSIR/CSRR

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

Indicates the rated voltage:

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

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.

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

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

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

Compressor Nomenclature Small L & B Ranges

model

B 35 C 5 B

B **35** **C** **5** **B**

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

model

N	B	C	30	R	A

R290 Models

Range:
L --> Small L range
B --> B range

C --> Without Running Capacitor
G --> With Running Capacitor

Displacement x10:
e.g. 22 - 2.2cc

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]

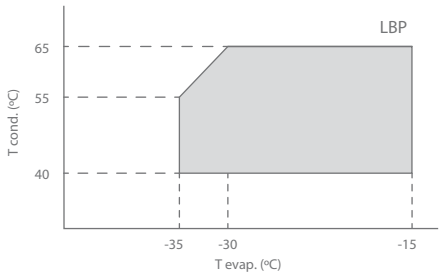
Rating Condition
+5°C [+41°F] (CECOMAF) or +7.2°C [+45°F] (ASHRAE)

Operating Envelope

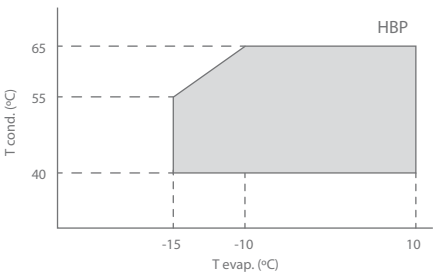
In order to grant the compressor reliability it is recommended that the point representing the operating conditions (suction and discharge pressures) falls within the shadowed area of the corresponding graph.

For Small L, B, HYE, HYB, HYS, HY, HL, HK and HYF:

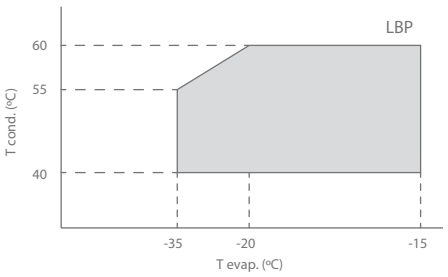
R134a LBP



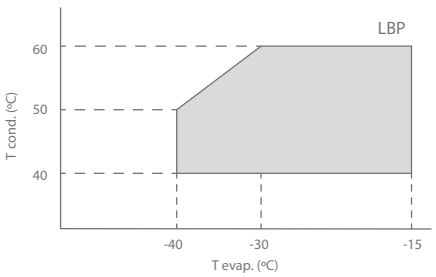
R134a HBP



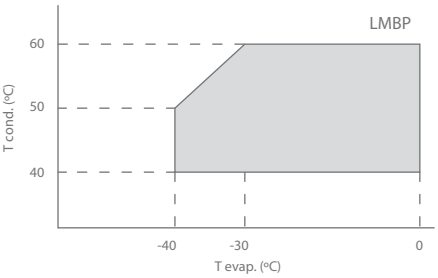
R600a LBP



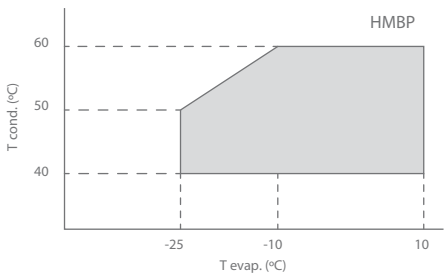
R290 LBP



R290 LMBP

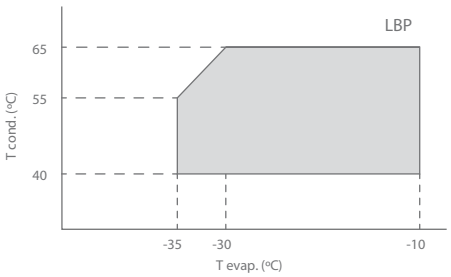


R290 HMBP

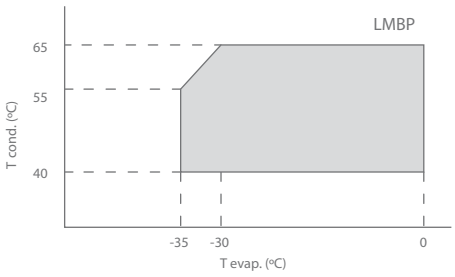


For F, U, U+, L, P, X and S ranges:

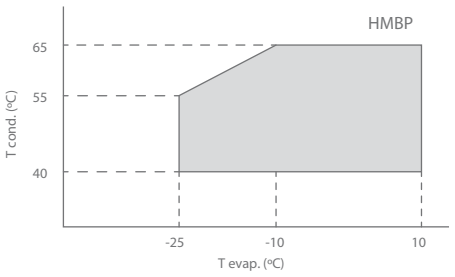
R134a LBP



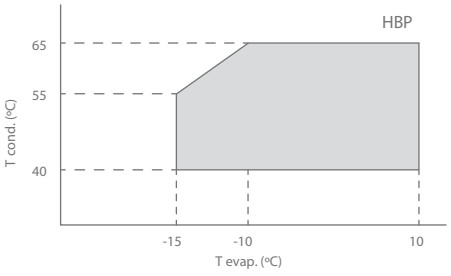
R134a LMBP



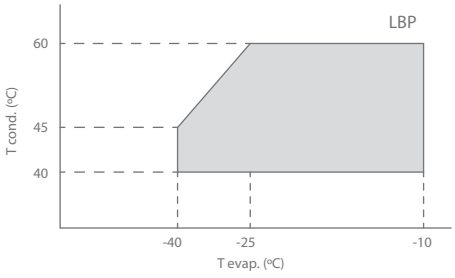
R134a HMBP



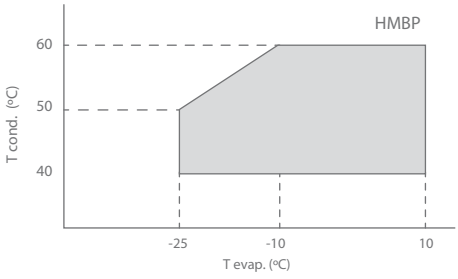
R134a HBP



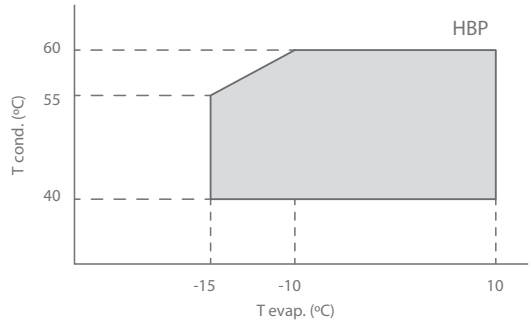
R404A LBP



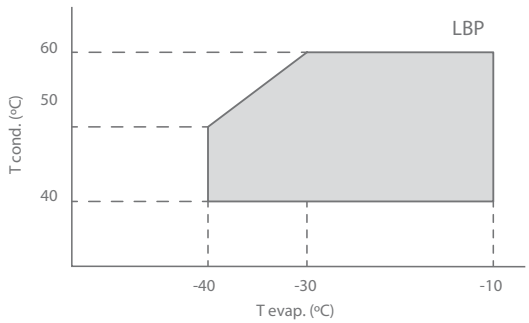
R404A HMBP



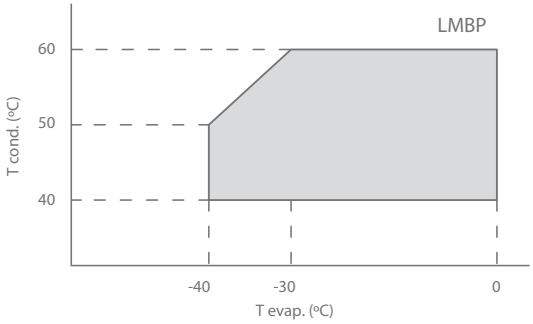
R404A HBP



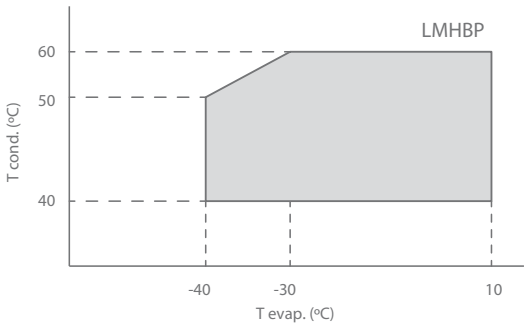
R290 LBP



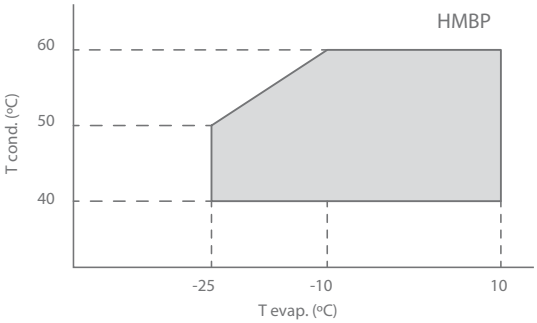
R290 LMBP



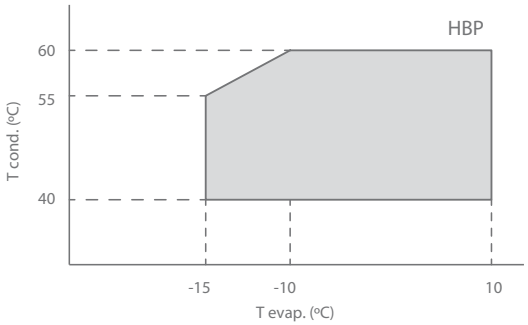
R290 LMHBP



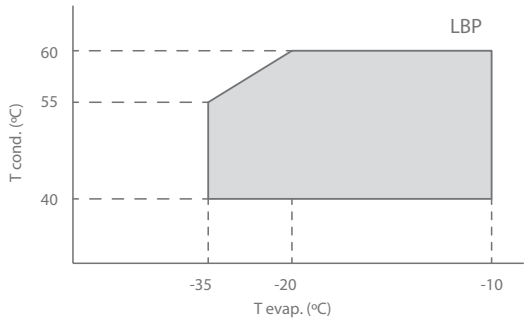
R290 HMBP



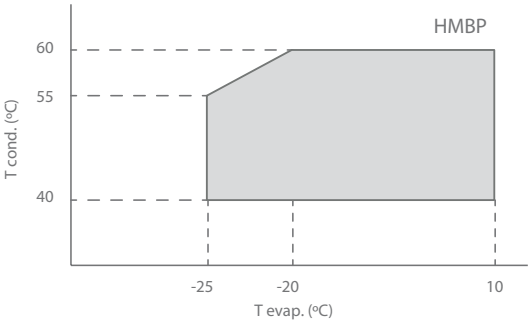
R290 HBP



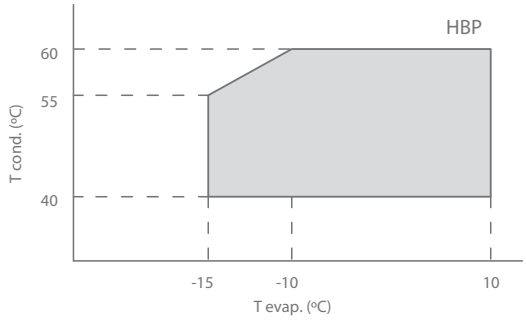
R600a LBP



R600a HMBP



R600a HBP



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
Without Running capacitor	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

Refrigerants
R290
R600a
R134a
R404A
R507
R1234yf

Rated Voltages

220-240V	50Hz	EU
100V	50/60Hz	JAPAN
115-127V	60Hz	USA - Latin America
200-240/220-230V	50/60Hz	50Hz unstable net
200-220/230V	50/60Hz	and 60Hz net
400-440V	50/60Hz	3PH

More than 500 MODELS

Application
LBP
LMBP
HMBP

Displacement
1.4 - 42 cm^3

Cooling Capacity
30W - 5300W (ASHRAE)

Motor
RSIR
RSCR
CSIR
CSR
CSR + NTC
3PH

Starting Torque
HST
LST

Efficiency
STANDARD
MEDIUM
HIGH
VARIABLE SPEED

How to read this Catalogue

Compressors

Grouped by Refrigerant type: R404A • R507

Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

Grouped by Application type: HMBP | HBP

Grouped by Frequency: 50 Hz

Voltage

(R = Current or Potential Relay , P = PTC)

Cooling capacity CECOMAF & ASHRAE

Dimensional drawing reference

Indicates Green Cooling models

Indicates New models

	MODEL	DANFOSS CODE (α)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C CECOMAF (W) -25	-15	5 W	5 COP	10	ASHRAE 7.2 W	ASHRAE 7.2 COP	WEIGHT Kg	DESIGN
	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

R290/R600a

R290 LBP • 50 Hz

MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
										CECOMAF (W)					ASHRAE			
										-35	-30	-25		-10	-23.3			
												W	COP		W	COP	Kg	
L14U	123B8313	1.40	1/16	LBP	S	220-240V 50/60Hz	RSIR	P	C	20	27	**37**	**0.61**	56	**51**	**0.80**	5.40	Lb
L22UL	123B8315	2.20	1/14	LBP	S	220-240V 50Hz	RSIR	P	C	37	51	**69**	**0.84**	101	**95**	**1.10**	5.40	Lb
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	R	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	R	C-V	72	102	**136**	**0.99**	272	**185**	**1.29**	6.10	Bf
NFT40NA	125B3415	4.10	1/8	LMBP	S	220-240V 50Hz	RSCR	P	C	88	116	**149**	**1.31**	285	**200**	**1.70**	6.90	Fc
NUS45NA	125B3355	4.50	1/8	LMBP	F	220-240V 50Hz	RSCR	P	C	69	129	**169**	**1.44**	326	**210**	**1.85**	8.60	Ud
NFH45NG	125B3417	4.50	1/8	LMBP	F	200-220/230V 50/60Hz	RSIR	P	C	92	122	**156**	**1.04**	299	**210**	**1.35**	6.50	Fb
NUS45NG	125B3439	4.50	1/8	LMBP	F	220-240V 50/60Hz	RSCR	P	C	69	129	**169**	**1.39**	326	**210**	**1.80**	9.00	Ud
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
NFT45NA	125B3416	4.50	1/8	LMBP	S	220-240V 50Hz	RSCR	P	C	97	128	**164**	**1.31**	314	**220**	**1.70**	6.90	Fd
NUS55NA	125B3361	5.50	1/6	LMBP	F	220-240V 50Hz	RSCR	P	C	79	147	**193**	**1.39**	373	**260**	**1.85**	9.10	Ud
NFH55NA	125B3418	5.50	1/6	LMBP	F	220-240V 50Hz	RSIR	P	C	114	151	**194**	**1.12**	371	**260**	**1.45**	7.50	Fd
NFG55NA	125B3419	5.50	1/6	LMBP	F	220-240V 50Hz	RSCR	P	C	114	151	**194**	**1.19**	371	**260**	**1.55**	7.50	Fd
NUS55NG	125B3440	5.50	1/6	LMBP	F	220-240V 50/60Hz	RSCR	P	C	79	147	**193**	**1.35**	373	**260**	**1.77**	9.00	Ud
NUT55CAa	125F3152	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	125F3153	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	125F3158	5.50	1/6	LBP	S	220-240V 50Hz	RSIR	P	C	88	152	**196**	**1.27**	382	**264**	**1.64**	9.10	Ub
NUT55CAd	125F3159	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	R	C-V	88	152	**196**	**1.27**	382	**264**	**1.64**	9.10	Ub
NUS60NA	125B3365	6.00	1/6	LMBP	F	220-240V 50Hz	RSCR	P	C	98	170	**219**	**1.39**	427	**295**	**1.85**	9.31	Ud
NFT60NA	125B3423	6.00	1/6	LMBP	S	220-240V 50Hz	RSCR	P	C	130	171	**220**	**1.31**	420	**295**	**1.70**	6.90	Fc
NFH60NG	125B3424	6.00	1/6	LMBP	F	200-220/230V 50/60Hz	RSCR	P	C	130	171	**220**	**1.08**	420	**295**	**1.40**	6.90	Fc
NUS60NG	125B3441	6.00	1/6	LMBP	F	220-240V 50/60Hz	RSCR	P	C	98	170	**219**	**1.38**	427	**295**	**1.79**	9.00	Ud
NFH60NA	125B3421	6.00	1/6	LMBP	F	220-240V 50Hz	RSIR	P	C	132	174	**224**	**1.12**	428	**300**	**1.45**	6.80	Fd
NFG60NA	125B3422	6.00	1/6	LMBP	F	220-240V 50Hz	RSCR	P	C	132	174	**224**	**1.19**	428	**300**	**1.55**	6.80	Fd
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
NUT60CAd	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	R	C-V	101	175	**226**	**1.30**	431	**304**	**1.68**	9.20	Ub
NFT70NA	125B3427	6.70	1/5	LMBP	S	220-240V 50Hz	RSCR	P	C	143	189	**242**	**1.31**	463	**325**	**1.70**	6.90	Fb
NUS70NA	125B3369	6.70	1/5	LMBP	F	220-240V 50Hz	RSCR	P	C	107	187	**241**	**1.39**	463	**330**	**1.85**	9.20	Ud
NFH70NG	125B3420	6.00	1/5	LMBP	F	200-220/230V 50/60Hz	RSCR	P	C	145	191	**246**	**1.12**	470	**330**	**1.45**	6.90	Fb
NFH70NA	125B3425	6.70	1/5	LMBP	F	220-240V 50Hz	RSIR	P	C	145	191	**246**	**1.12**	470	**330**	**1.45**	7.00	Fd
NFG70NA	125B3426	6.70	1/5	LMBP	F	220-240V 50Hz	RSCR	P	C	145	191	**246**	**1.19**	470	**330**	**1.55**	7.00	Fd
NUS70NG	125B3442	6.70	1/5	LMBP	F	220-240V 50/60Hz	CSR	R	C	107	187	**241**	**1.35**	463	**330**	**1.78**	9.00	Ud
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
NUT70CAd	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

This table continues in the following page

Green Cooling Models
New Models
(**) Model under development. Provisional performance/data.
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)
R290 compressors can operate with R454C and R455A - for details contact Danfoss

Danfoss Light Commercial Refrigeration Compressors

R290 LBP • 50 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
											CECOMAF (W)					ASHRAE			
											-35	-30	-25		-10	-23.3			
													W	COP		W	COP	Kg	
	NUT70CAe	125B3183	6.70	1/5	LBP	F	220-240V 50Hz	CSIR	R	C-V	109	195	**250**	**1.30**	463	**335**	**1.68**	9.20	Ub
	NFH80NA	125B3429	8.10	1/4	LMBP	F	220-240V 50Hz	RSCR	P/R	C	172	226	**291**	**1.12**	530	**390**	**1.45**	8.00	Fe
	NFG80NA	125B3430	8.10	1/4	LMBP	F	220-240V 50Hz	RSCR	P	C	172	226	**291**	**1.19**	530	**390**	**1.55**	8.10	Fe
	NUS80NA	125B3389	8.10	1/4	LMBP	F	220-240V 50Hz	RSCR	P	C	134	231	**297**	**1.39**	561	**400**	**1.85**	9.60	Ud
	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
	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
	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
	NUS90NA	125B3390	8.90	1/4	LMBP	F	220-240V 50Hz	RSCR	P	C	159	262	**335**	**1.39**	631	**440**	**1.85**	9.80	Ud
	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	Ub
	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	Ub
	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	Ub
	NUY90LAb	125B3177	8.90	1/4	LBP	F	220-240V 50Hz	CSR	R	C-V	158	270	**342**	**1.28**	625	**457**	**1.64**	9.50	Ub
	NUY100NG	125B3383	9.80	3/8	LMBP	F	200-220/230V 50/60Hz	CSR	R	C-V	160	272	**350**	**1.21**	680	**470**	**1.55**	12.40	Ue
	NUG100NA	125B3345	9.80	3/8	LMBP	F	220-240V 50Hz	CSR	R	C-V	165	278	**359**	**1.17**	683	**480**	**1.50**	12.40	Ue
	NUT100NA	125B3454	9.80	3/8	LMBP	F	220-240V 50Hz	CSR	R	C-V	168	283	**366**	**1.17**	696	**490**	**1.70**	12.40	Ue
	NUT120NA	125B3413	12.50	3/8	LMBP	F	220-240V 50Hz	CSR	R	C-V	252	338	**438**	**1.35**	840	**590**	**1.70**	10.50	U+b
	NUT140NA	125B3392	14.20	1/2	LMBP	F	220-240V 50Hz	CSR	R	C-V	296	397	**515**	**1.34**	989	**680**	**1.70**	10.50	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
	NHT160NA	125B3393	16.45	1/2	LMBP	F	220-240V 50Hz	CSR	R	C-V	269	466	**597**	**1.31**	1124	**800**	**1.65**	13.40	P+b
	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	P+b
	NHT180NA	125B3407	17.60	2/3	LMBP	F	220-240V 50Hz	CSR	R	C-V	285	501	**647**	**1.23**	1233	**840**	**1.60**	13.40	P+b
	NXH210NA	125F3412	20.70	2/3	LMBP	F	220-240V 50Hz	CSR	R	C-V	259	502	**655**	**1.08**	1237	**880**	**1.40**	19.00	X+b
	NX21NGa	123B3331	20.72	2/3	LMBP	F	220-240V 50/60Hz	CSR	R	C-V	267	517	**675**	**1.08**	1275	**907**	**1.41**	16.99	Xd
	NXH230NA	125B3452	23.20	7/8	LMBP	F	220-240V 50Hz	CSR	R	C-V	284	547	**714**	**1.08**	1351	**960**	**1.40**	19.00	X+b
	NX23NGa	123B3332	23.20	3/4	LMBP	F	220-240V 50/60Hz	CSR	R	C-V	297	572	**746**	**1.09**	1411	**1003**	**1.41**	16.75	Xd
	NST26NA	123B3177	25.93	7/8	LBP	F	220-240V 50Hz	CSR	R	C-V	370	537	**743**	**1.14**	1601	**1018**	**1.49**	21.60	Sd
	NST26NG (*)	123B3333	25.93	7/8	LBP	F	220-240V 50/60Hz	CSR	R	C-V	370	537	**743**	**1.11**	1601	**1018**	**1.45**	21.60	Sd
	NXK230NA	125B3408	23.20	7/8	LMBP	F	220-240V 50Hz	CSR	R	C-V	302	582	**759**	**1.23**	1436	**1020**	**1.60**	19.00	X+b
	NXH260NA	125B3453	26.00	7/8	LMBP	F	220-240V 50Hz	CSR	R	C-V	326	627	**818**	**1.08**	1547	**1100**	**1.40**	19.00	X+b
	NXK260NA	125B3410	26.00	7/8	LMBP	F	220-240V 50Hz	CSR	R	C-V	340	656	**855**	**1.23**	1617	**1150**	**1.60**	19.00	X+b
	NST30NGb	123B3191	29.95	7/8	LBP	F	200-220/220-230V 50/60Hz	CSR	R	C-V	451	642	**880**	**1.09**	1878	**1201**	**1.42**	21.80	Sd
	NST34NG	123B3334	34.42	1	LBP	F	200-220/220-230V 50/60Hz	CSR	R	C-V	684	865	**1138**	**1.08**	2240	**1535**	**1.41**	23.00	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
	NST38NG (*)	123B3335	38.00	1 1/2	LMHBP	F	200-220/220-230V 50/60Hz	CSR	R	C-V	734	1000	**1315**	**1.08**	2558	**1774**	**1.40**	23.00	Sd
	NST38N3 (*)	123B3336	38.00	1 1/2	LMBP	F	400/440V 50/60Hz	CSR	R		734	1000	**1315**	**1.08**	2558	**1774**	**1.40**	23.00	Sd
	NST42NA	123B3329	42.00	1 5/8	LMBP	F	220-240V 50Hz	CSR	R	C-V	794	1082	**1423**	**1.16**	2769	**1920**	**1.50**	23.00	Sd

Green Cooling Models
New Models
(*) Model under development. Provisional performance/data.
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)
R290 compressors can operate with R454C and R455A - for details contact Danfoss

R290 LBP | LMBP • 60 Hz

MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C CECOMAF (W) -35	-30	-25 W	-25 COP	-10	ASHRAE -23.3 W	ASHRAE -23.3 COP	WEIGHT Kg	DESIGN
L14U	123B8314	1.40	1/16	LBP	S	115-127V 60Hz	RSIR	P	C	23	32	**54**	**0.80**	80	**60**	**1.05**	5.40	Lb
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
NFS30NR	125B3433	3.15	1/12	LMBP	S	115-127V 60Hz	RSCR	P	C	78	103	**163**	**1.56**	260	**180**	**1.80**	7.60	Fd
NFT35NR	125B3434	3.50	1/12	LMBP	S	115-127V 60Hz	RSCR	P	C	85	112	**177**	**1.47**	282	**195**	**1.70**	6.90	Fd
NFS35NR	125B3435	3.44	1/12	LMBP	S	115-127V 60Hz	RSCR	P	C	87	114	**181**	**1.56**	289	**200**	**1.80**	7.60	Fd
NUT40NRc	125B3337	4.00	1/8	LMBP	F	115-127V 60Hz	RSIR	P	C	72	128	**169**	**1.19**	347	**229**	**1.55**	9.22	Uc
NUT40NRd	125B3338	4.00	1/8	LMBP	F	115-127V 60Hz	RSCR	P	C	72	128	**169**	**1.27**	347	**229**	**1.65**	9.22	Uc
NUT40NRa	125B3348	4.00	1/8	LMBP	F	115-127V 60Hz	CSIR	R	C-V	72	128	**169**	**1.20**	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**	**1.27**	347	**229**	**1.65**	9.22	Uc
NUS45NR	125B3394	4.50	1/8	LMBP	F	115-127V 60Hz	CSR	R	C-V	77	144	**191**	**1.39**	389	**260**	**1.80**	8.90	Ue
NFH45NR	125B3431	4.50	1/8	LMBP	F	115-127V 60Hz	RSIR	P	C	113	149	**235**	**1.26**	376	**260**	**1.45**	6.90	Fb
NFT45NR	125B3436	4.50	1/8	LMBP	S	115-127V 60Hz	RSCR	P	C	113	149	**235**	**1.47**	376	**260**	**1.70**	6.90	Fc
NUS45NR	125B3439	4.50	1/8	LMBP	F	115-127V 60Hz	RSCR	P	C	77	144	**191**	**1.39**	389	**260**	**1.80**	8.90	Ue
NFT55NR	125B3437	5.50	1/6	LMBP	F	115-127V 60Hz	RSCR	P	C	134	177	**281**	**1.47**	448	**310**	**1.70**	6.90	Fc
NUS55NR	125B3395	5.50	1/6	LMBP	F	115-127V 60Hz	CSR	R	C-V	105	184	**235**	**1.39**	441	**312**	**1.80**	8.90	Ue
NUS55NR	125B3440	5.50	1/6	LMBP	F	115-127V 60Hz	RSCR	P	C	105	184	**235**	**1.39**	441	**312**	**1.80**	8.90	Ue
NFH55NR	125B3432	5.50	1/6	LMBP	F	115-127V 60Hz	RSIR	P	C	139	183	**290**	**1.26**	462	**320**	**1.45**	6.90	Fc
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	Uc
NUT60LRa	125B3202	6.00	1/6	LMBP	F	115-127V 60Hz	CSIR	R	C-V	122	207	**266**	**1.24**	508	**357**	**1.60**	9.40	Uc
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	Uc
NUT60LRb	125B3203	6.00	1/6	LMBP	F	115-127V 60Hz	CSR	R	C-V	122	213	**273**	**1.34**	513	**366**	**1.73**	9.50	Uc
NUS60NR	125B3396	6.00	1/6	LMBP	S	115-127V 60Hz	CSR	R	C-V	122	213	**273**	**1.39**	513	**366**	**1.80**	8.90	Ue
NUS60NR	125B3441	6.00	1/6	LMBP	S	115-127V 60Hz	RSCR	P	C	122	213	**273**	**1.39**	513	**366**	**1.80**	8.90	Ue
NFG70NR	125B3438	6.70	1/5	LMBP	F	115-127V 60Hz	RSCR	P	C	169	223	**353**	**1.30**	353	**390**	**1.50**	6.90	Fc
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
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
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
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
NUS70NR	125B3397	6.70	1/5	LMBP	F	115-127V 60Hz	CSR	R	C-V	129	231	**297**	**1.39**	551	**398**	**1.80**	8.90	Ue
NUS70NR	125B3442	6.70	1/5	LMBP	F	115-127V 60Hz	RSCR	P	C	129	231	**297**	**1.39**	551	**398**	**1.80**	8.90	Ue
NLY80LRa	123B3133	8.10	1/4	LBP	F	115-127V/60Hz	CSIR	R	C-V	185	246	**322**	**1.06**	636	**432**	**1.37**	9.57	Lc
NLY80LRb	123B3134	8.10	1/4	LBP	F	115-127V/60Hz	CSR	R	C-V	185	246	**322**	**1.13**	636	**432**	**1.46**	9.67	Lc
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
NUS80NR	125B3398	8.10	1/4	LMBP	F	115-127V 60Hz	CSR	R	C-V	154	272	**363**	**1.39**	703	**476**	**1.80**	8.9	Ue
NUS80NR	125B3443	8.10	1/4	LMBP	F	115-127V 60Hz	RSCR	P	C	154	272	**363**	**1.39**	703	**476**	**1.80**	8.9	Ue
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
NUT100NR	125B3391	9.50	1/4	LMBP	F	115-127V 60Hz	RSCR	P	C	172	293	**376**	**1.34**	715	**595**	**1.70**	9.65	Ue
NUS100NR	125B3399	9.50	1/4	LMBP	F	115-127V 60Hz	RSCR	P	C	172	293	**376**	**1.44**	715	**595**	**1.80**	9.50	Ue
NUT120NR	125B3404	12.50	3/8	LMBP	F	115-127V 60Hz	CSR	R	C-V	203	345	**442**	**1.21**	841	**700**	**1.60**	12.50	U+b

This table continues in the following page

Green Cooling Models
New Models
(*) Model under development. Provisional performance/data.
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)
R290 compressors can operate with R454C and R455A - for details contact Danfoss

R290 LBP | LMBP • 60 Hz

MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C CECOMAF (W) -35	-30	-25 W	-25 COP	-10	ASHRAE -23.3 W	-23.3 COP	WEIGHT Kg	DESIGN
NUT140NR	125B3406	14.20	1/2	LMBP	F	115-127V 60Hz	CSR	R	C-V	241	409	**524**	**1.21**	997	**820**	**1.60**	12.50	U+b
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
NPT18LR	123B3338	16.50	3/4	LMBP	F	115-127V 60Hz	CSR	R	C-V	418	546	**706**	**1.09**	1375	**950**	**1.40**	13.40	P+b
NX21NR	123B3339	20.72	3/4	LMBP	F	115-127V 60Hz	CSR	R	C-V	312	605	**790**	**1.09**	1492	**1061**	**1.41**	16.99	Xd
L14U	123B8313	1.40	1/16	LBP	S	220-240V 50/60Hz	RSIR	P	C	23	32	**44**	**0.80**	80	**60**	**1.05**	5.40	Lb
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
NFH45NG	125B3417	4.50	1/8	LMBP	F	200-200/230V 50/60Hz	RSIR	P	C	78	103	**190**	**1.30**	303	**260**	**1.50**	6.50	Fb
NUS45NG	125B3448	4.50	1/8	LMBP	F	220-240V 50/60Hz	RSCR	P	C	77	144	**191**	**1.41**	389	**260**	**1.83**	9.00	Ue
NUS55NG	125B3449	5.50	1/6	LMBP	F	220-240V 50/60Hz	RSCR	P	C	105	184	**235**	**1.41**	441	**312**	**1.82**	9.00	Ue
NFH60NG	125B3424	6.00	1/6	LMBP	F	200-200/230V 50/60Hz	RSCR	P	C	152	200	**317**	**1.39**	506	**350**	**1.60**	6.90	Fd
NUS60NG	125B3450	6.00	1/6	LMBP	S	220-240V 50/60Hz	RSCR	P	C	122	213	**273**	**1.43**	513	**366**	**1.84**	9.00	Ue
NFH70NG	125B3420	6.00	1/5	LMBP	F	200-220/230V 50/60Hz	RSCR	P	C	169	223	**353**	**1.39**	563	**390**	**1.60**	6.90	Fc
NUS70NG	125B3451	6.70	1/5	LMBP	F	220-240V 50/60Hz	CSR	R	C-V	129	231	**297**	**1.42**	551	**398**	**1.83**	8.90	Ue
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
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
NUY100NG	125B3383	9.50	1/4	LMBP	F	200-220/230V 50/60Hz	CSR	R	C-V	165	281	**360**	**1.30**	685	**570**	**1.65**	9.65	Ue
NUT120NF	125B3405	12.50	3/8	LMBP	F	220-240V 60Hz	CSR	R	C-V	203	345	**442**	**1.30**	841	**700**	**1.60**	12.50	U+b
NPY14LFa	123B3139	14.32	1/2	LBP	F	220-240V 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	220-240V 60Hz	CSR	R	C-V	269	466	**603**	**1.09**	1175	**812**	**1.42**	12.29	Pd
NPT16NF	123B3326	16.10	1/2	LMBP	F	220-240V 60Hz	CSR	R	C-V	381	498	**644**	**1.07**	1253	**866**	**1.39**	12.15	Pd
NX21NGa	123B3331	20.72	3/4	LMBP	F	220-240V 50/60Hz	CSR	R	C-V	312	605	**790**	**1.10**	1492	**1061**	**1.42**	16.99	Xd
NXK230NF (*)	125B3409	23.00	3/4	LMBP	F	220-240V 60Hz	CSR	R	C-V	394	572	**791**	**1.32**	1704	**1120**	**1.58**	(*)	X+b
NX23NGa	123B3332	23.20	3/4	LMBP	F	220-240V 50/60Hz	CSR	R	C-V	347	669	**873**	**1.09**	1651	**1174**	**1.41**	16.75	Xd
NST26NG (*)	123B3333	25.93	3/4	LBP	F	220-240V 50/60Hz	CSR	R	C-V	433	628	**869**	**1.14**	1873	**1191**	**1.50**	21.60	Sd
NXK260NF (*)	125B3411	26.00	3/4	LMBP	F	220-240V 60Hz	CSR	R	C-V	470	674	**929**	**1.32**	2007	**1290**	**1.58**	(*)	X+b
NST30NGb	123B3191	29.95	7/8	LBP	F	200-220/220-230V 50/60Hz	CSR	R	C-V	509	730	**1006**	**1.10**	2174	**1377**	**1.42**	21.80	Sd
NST34NG	123B3334	34.42	1	LBP	F	200-220/220-230V 50/60Hz	CSR	R	C-V	531	1023	**1345**	**1.12**	2619	**1814**	**1.45**	23.00	Sd
NST38NG (*)	123B3335	38.00	1 1/2	LMHBP	F	200-220/220-230V 50/60Hz	CSR	R	C-V	859	1170	**1539**	**1.11**	2993	**2076**	**1.41**	23.00	Sd
NST38N3 (*)	123B3336	38.00	1 1/2	LMBP	F	400/440V 50/60Hz	CSR	R	C-V	859	1170	**1539**	**1.11**	2993	**2076**	**1.41**	23.00	Sd

Green Cooling Models
New Models
(**) Model under development. Provisional performance/data.
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)
R290 compressors can operate with R454C and R455A - for details contact Danfoss

R290 HMBP | HBP • 50 Hz

MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C CECOMAF (W) -25	-15	5 W	5 COP	10	ASHRAE 7.2 W	7.2 COP	WEIGHT Kg	DESIGN
NBC22RA	123B8309	2.20	1/120	HMBP	F	220-240V 50/60Hz	CSIR	R	C-V	80	119	**248**	**2.10**	290	**291**	**2.43**	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
NUY45RG	125B3519	4.50	1/8	HMBP	F	200-220/230V 50/60Hz	CSIR	R	C-V	142	231	**516**	**2.30**	610	**615**	**2.70**	9.30	Uc
NUY60RAa	125F3709	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
NUY60RG	125B3520	6.00	1/6	HMBP	F	200-220/230V 50/60Hz	CSIR	R	C-V	208	328	**714**	**2.20**	841	**850**	**2.60**	9.48	Ue
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
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	Ub
NUY80RG	125B3521	8.10	1/4	HMBP	F	200-220/230V 50/60Hz	CSR	R	C-V	287	456	**931**	**2.11**	1078	**1100**	**2.50**	9.43	Ue
NUY90RAa	125B3712	8.90	1/4	HMBP	F	220-240V 50Hz	CSIR	R	C-V	290	461	**1045**	**2.25**	1240	**1247**	**2.50**	9.80	Ub
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
NPT18RA	123B3718	18.00	2/3	HBP	F	220-240V 50Hz	CSR	R	C-V	-	903	**2023**	**2.06**	2467	**2445**	**2.41**	12.15	Pd
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	123B3539	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 1/2	LMHBP	F	220-240V 50Hz	CSR	R	C-V	1095	2003	**4409**	**2.06**	5225	**5262**	**2.40**	22.20	Sd
NST42RA	123B3716	42.00	1 5/8	HBP	F	220-240V 50Hz	CSR	R	C-V	-	2105	**4634**	**2.15**	5491	**5530**	**2.52**	22.20	Sd
NST38R3 (*)	123B3719	38.00	1 1/2	HBP	F	380-420/440-480V 50/60Hz	CSR	R	C-V	1095	2003	**4409**	**2.06**	5225	**5262**	**2.40**	22.20	Sd
NST42R3 (*)	123B3717	42.00	1 5/8	HMBP	F	400/440V 50/60Hz	CSR	R	C-V	-	2105	**4634**	**2.15**	5491	**5530**	**2.52**	22.20	Sd

R290 HMBP | HBP • 60 Hz

Natural Refrigerant

MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C CECOMAF (W) -25	-15	5 W	5 COP	10	ASHRAE 7.2 W	7.2 COP	WEIGHT Kg	DESIGN
NLY45RRa	123B3516	4.56	1/5	HMBP	F	115-127V 60Hz	CSIR	R	C-V	180	282	**618**	**2.08**	729	**733**	**2.41**	9.19	Lc
NLY45RRb	123B3517	4.56	1/5	HMBP	F	115-127V 60Hz	CSR	R	C-V	180	282	**618**	**2.25**	729	**733**	**2.61**	9.29	Lc
NLY60RRa	123B3518	5.98	1/5	HMBP	F	115-127V 60Hz	CSIR	R	C-V	245	385	**827**	**2.11**	971	**978**	**2.43**	9.68	Lc
NLY60RRb	123B3519	5.98	1/5	HMBP	F	115-127V 60Hz	CSR	R	C-V	245	385	**827**	**2.29**	971	**978**	**2.65**	9.78	Lc
NLY75RRa	123B3520	7.57	3/8	HMBP	F	115-127V 60Hz	CSIR	R	C-V	278	445	**1010**	**2.14**	1200	**1201**	**2.50**	10.07	Ld
NLY75RRb	123B3521	7.57	3/8	HMBP	F	115-127V 60Hz	CSR	R	C-V	278	454	**1034**	**2.36**	1227	**1229**	**2.76**	10.17	Ld
NLY80RRa	123B3522	8.10	1/4	HMBP	F	115-127V 60Hz	CSIR	R	C-V	314	497	**1098**	**2.12**	1297	**1302**	**2.45**	10.03	Ld
NLY80RRb	123B3523	8.10	1/4	HMBP	F	115-127V 60Hz	CSR	R	C-V	314	497	**1098**	**2.31**	1297	**1302**	**2.67**	10.13	Ld
NLY90RRa	123B3524	9.09	1/3	HMBP	F	115-127V 60Hz	CSIR	R	C-V	353	563	**1239**	**2.03**	1462	**1469**	**2.35**	10.55	Ld
NLY90RRb	123B3525	9.09	1/3	HMBP	F	115-127V 60Hz	CSR	R	C-V	353	563	**1239**	**2.21**	1462	**1469**	**2.56**	10.65	Ld

This table continues in the following page

Green Cooling Models
New Models
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)
R290 compressors can operate with R454C and R455A - for details contact Danfoss

Danfoss Light Commercial Refrigeration Compressors

MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
										CECOMAF (W)					ASHRAE			
										-25	-15	5		10	7.2			
												W	COP		W	COP	Kg	
NLT12RR	123B3533	10.70	1/3	HMBP	F	115-127V 60Hz ~1	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 ~1	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 ~1	CSR	R	C-V	629	963	2204	2.11	2633	2570	2.45	13.74	Pe
NBC22RA	123B8309	2.20	1/120	HMBP	F	220-240V 50/60Hz ~1	CSIR	R	C-V	94	139	290	2.20	339	344	2.63	5.20	Bc
NUY45RG	125B3519	4.50	1/8	HMBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	171	278	621	2.36	734	740	2.80	9.30	Uc
NUY60RG	125B3520	6.00	1/6	HMBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	231	375	839	2.26	992	1000	2.65	9.48	Ue
NUY80RG	125B3521	8.10	1/4	HMBP	F	200-220/230V 50/60Hz ~1	CSR	R	C-V	297	483	1079	2.22	1276	1287	2.60	9.43	Ue
NLY12RGa	123B3531	10.70	1/3	HMBP	F	200-220/220-230V 50/60Hz ~1	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 ~1	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 ~1	CSR	R	C-V	694	1181	2638	2.02	3102	3138	2.34	16.20	Xd
NST38R3 (*)	123B3719	38.00	1 1/2	HBP	F	380-420/440-480V 50/60Hz ~3	CSR	R	C-V	1281	2344	5159	2.06	6113	6157	2.40	22.20	Sd
NST42R3 (*)	123B3717	42.00	1 5/8	HMBP	F	400/440V 50/60Hz ~3	CSR	R	C-V	-	2463	5421	2.15	6425	6470	2.52	22.20	Sd

R600a LBP • 50 Hz

MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
										CECOMAF (W)					ASHRAE			
										-35	-30	-25		-10	-23.3			
												W	COP		W	COP	Kg	
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

R600a LBP • 60 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT Kg	DESIGN
											CECOMAF (W)					ASHRAE			
											-35	-30	-25 W	-25 COP	-10	-23.3 W	-23.3 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	HYSc
	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	HYSc
	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	HYSc
	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	HYSb
	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	HYSc
	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 (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT Kg	DESIGN
											CECOMAF (W)					ASHRAE			
											-25	-15	5 W	5 COP	10	7.2 W	7.2 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	Ub
	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	Ub

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 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

R134a

R134a (*) LBP • 50 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
											CECOMAF (W)					ASHRAE			
											-35	-30	-25		-10	-23.3			
													W	COP		W	COP	Kg	
	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
	GPY16LAa	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
	GX21FB	123B1167	20.72	2/3	LBP	F	220-240V 50Hz	CSIR	R	C-V	151	234	**351**	**0.93**	778	**483**	**1.20**	15.75	Xc

Green Cooling Models
New Models
(*) Or HFO - R1234yf
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

R134a (*) LBP | LMBP • 60 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
											CECOMAF (W)					ASHRAE			
											-35	-30	-25		-10	-23.3			
													W	COP		W	COP	Kg	
	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 HFO - R1234yf
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

R134a (*) HMBP | HBP • 50 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
											CECOMAF (W)					ASHRAE			
											-25	-15	5		10	7.2			
													W	COP		W	COP	Kg	
	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 HFO - R1234yf
(**) Model under development. Provisional performance/data.
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

R134a (*) HMBP | HBP • 50 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
													CECOMAF (W)				ASHRAE		
											-25	-15	5		10	7.2			
													W	COP		W	COP	Kg	
	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 HFO - R1234yf
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

R134a (*) HMBP | HBP • 60 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C CECOMAF (W) -25	-15	5 W	5 COP	10	ASHRAE 7.2 W	ASHRAE 7.2 COP	WEIGHT Kg	DESIGN
	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

	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
(*) Or HFO - R1234yf
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

R404A/R507

R404A • R507 LBP • 50 Hz

MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
										CECOMAF (W)					ASHRAE			
										-40	-30	-25		-10	-23.3			
												W	COP		W	COP	Kg	
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
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 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

R404A • R507 LBP • 60 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
											CECOMAF (W)					ASHRAE			
											-40	-30	-25		-10	-23.3			
													W	COP		W	COP	Kg	
	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 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

R404A • R507 HMBP | HBP • 50 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C CECOMAF (W) -25	-15	5 W	5 COP	10	ASHRAE 7.2 W	7.2 COP	WEIGHT Kg	DESIGN
	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
	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
	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
	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
	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 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

R404A • R507 HMBP | HBP • 60 Hz

	MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W Evaporating Temperature °C							WEIGHT	DESIGN
											CECOMAF (W)					ASHRAE			
											-25	-15	5 W	5 COP	10	7.2 W	7.2 COP	Kg	
	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
	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
	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
	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 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

VSC/DC

Variable Speed Compressors - R290 LBP • 50-60Hz

MODEL	DANFOSS CODE *	DISPLACEMENT CM3	APPLICATION	CPR COOLING	OPERATION METHODE	VOLTAGE FREQUENCY	MOTOR	EXPANSION	SPEED RPM	REFRIGERATION CAPACITY COP IN W/W EVAPORATING TEMPERATURE °C CECOMAF (W) -40	-30	-25 W	-25 COP	-10	ASHRAE -23.3 W	ASHRAE -23.3 COP	WEIGHT KG	DESIGN
NVK35FSC	125B3915	3.50	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	1600	26	47	**60**	**1.16**	111	**80**	**1.50**	6.40	Vb
	125B3916				Frequency	220-240V 50/60Hz			2400	38	69	**88**	**1.29**	163	**118**	**1.67**		
	125B3923				Drop - in	115-127V 50/60Hz			3000	50	90	**116**	**1.28**	214	**155**	**1.65**		
	125B3924				Frequency	115-127V 50/60Hz			4500	75	134	**172**	**1.16**	318	**230**	**1.50**		
NVS50FSC	125B3911	5.00	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	1600	39	70	**90**	**1.35**	166	**120**	**1.75**	6.40	Vb
	125B3912				Frequency	220-240V 50/60Hz			2400	62	111	**142**	**1.43**	263	**190**	**1.85**		
	125B3927				Drop - in	115-127V 50/60Hz			3000	81	144	**185**	**1.37**	343	**248**	**1.80**		
	125B3928				Frequency	115-127V 50/60Hz			4500	119	212	**272**	**1.24**	504	**365**	**1.65**		
NMD50FSC	125B3939	5.00	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	1600	42	76	**97**	**1.43**	180	**130**	**1.86**	5.20	Mb
	125B3940				Frequency	220-240V 50/60Hz			2400	67	119	**153**	**1.50**	283	**205**	**1.95**		
	125B3941				Drop - in	115-127V 50/60Hz			3000	85	151	**194**	**1.44**	359	**260**	**1.89**		
	125B3942				Frequency	115-127V 50/60Hz			4500	120	215	**276**	**1.30**	511	**370**	**1.73**		
NVS70FSC	125B3901	7.00	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	1600	57	102	**131**	**1.31**	243	**176**	**1.70**	6.20	Vb
	125B3902				Frequency	220-240V 50/60Hz			2400	89	160	**205**	**1.39**	380	**275**	**1.80**		
	125B3925				Drop - in	115-127V 50/60Hz			3000	114	204	**261**	**1.36**	484	**350**	**1.79**		
	125B3926				Frequency	115-127V 50/60Hz			4500	168	300	**384**	**1.24**	712	**515**	**1.65**		
NMD70FSC	125B3943	7.00	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	1600	62	111	**142**	**1.43**	263	**190**	**1.86**	5.20	Mb
	125B3944				Frequency	220-240V 50/60Hz			2400	94	169	**216**	**1.50**	401	**290**	**1.95**		
	125B3945				Drop - in	115-127V 50/60Hz			3000	117	210	**269**	**1.44**	498	**360**	**1.89**		
	125B3946				Frequency	115-127V 50/60Hz			4500	169	303	**388**	**1.30**	719	**520**	**1.73**		
NVT90FSC	125B3917	9.00	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	1600	89	160	**205**	**1.27**	380	**275**	**1.65**	6.20	Vb
	125B3918				Frequency	220-240V 50/60Hz			2400	120	215	**276**	**1.31**	511	**370**	**1.70**		
	125B3919				Drop - in	115-127V 50/60Hz			3000	150	268	**343**	**1.28**	636	**460**	**1.68**		
	125B3920				Frequency	115-127V 50/60Hz			4500	208	373	**478**	**1.17**	885	**640**	**1.55**		
NUS100FSC	125B3907	10.50	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	2000	111	195	**253**	**1.35**	486	**340**	**1.75**	8.96	Uv
	125B3908				Frequency	220-240V 50/60Hz			2400	138	243	**315**	**1.40**	605	**423**	**1.82**		
	125B3929				Drop - in	115-127V 50/60Hz			3000	168	296	**383**	**1.38**	737	**515**	**1.80**		
	125B3930				Frequency	115-127V 50/60Hz			4500	238	419	**543**	**1.27**	1044	**730**	**1.65**		
NUD100FSC	125B3931	10.50	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	1800	104	186	**239**	**1.40**	442	**320**	**1.82**	8.95	Uv
	125B3932				Frequency	220-240V 50/60Hz			2400	140	250	**321**	**1.47**	594	**430**	**1.90**		
	125B3933				Drop - in	115-127V 50/60Hz			3000	179	320	**410**	**1.40**	760	**550**	**1.85**		
	125B3934				Frequency	115-127V 50/60Hz			4500	275	492	**631**	**1.24**	1168	**845**	**1.65**		
NUS125FSC	125B3903	12.50	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	2000	131	230	**297**	**1.34**	572	**400**	**1.74**	8.95	Uv
	125B3904				Frequency	220-240V 50/60Hz			2400	163	286	**370**	**1.39**	713	**498**	**1.81**		
	125B3905				Drop - in	115-127V 50/60Hz			3000	207	365	**472**	**1.38**	909	**635**	**1.80**		
	125B3906				Frequency	115-127V 50/60Hz			3600	237	417	**540**	**1.29**	1039	**726**	**1.68**		
NUD125FSC	125B3935	12.50	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	1800	127	227	**291**	**1.40**	539	**390**	**1.82**	8.95	Uv
	125B3936				Frequency	220-240V 50/60Hz			2400	174	311	**399**	**1.47**	739	**535**	**1.90**		
	125B3937				Drop - in	115-127V 50/60Hz			3000	207	370	**474**	**1.40**	878	**635**	**1.85**		
	125B3938				Frequency	115-127V 50/60Hz			4500	309	553	**709**	**1.24**	1313	**950**	**1.65**		
NUS160FSC	125B3913	14.80	LMBP	F	Drop - in	220-240V 50/60Hz	PMSM	C-V	2000	171	302	**390**	**1.39**	751	**525**	**1.80**	8.95	Uv
	125B3914				Frequency	220-240V 50/60Hz			2400	218	384	**497**	**1.43**	956	**668**	**1.86**		
	125B3922				Drop - in	115-127V 50/60Hz			3000	264	465	**602**	**1.41**	1159	**810**	**1.84**		
	125B3921				Frequency	115-127V 50/60Hz			5000	408	719	**930**	**1.29**	1790	**1251**	**1.68**		

Green Cooling Models
New Models
(*) Model under development. Provisional performance/data.
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

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

MODEL	DANFOSS CODE *	DISPLACEMENT CM3	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	EXPANSION	SPEED RPM	REFRIGERATION CAPACITY COP IN W/W EVAPORATING TEMPERATURE °C CECOMAF (W) -35	-30	-25 W	-25 COP	-10	ASHRAE -23.3 W	ASHRAE -23.3 COP	WEIGHT KG	DESIGN
DM14H	123B1911	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	123B1912	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	123B1905	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	123B1906	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	123B1907	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	123B1908	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	123B1909	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	123B1910	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

MODEL	DANFOSS CODE (¤)	DISPLACEMENT cm³	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	EXPANSION	SPEED RPM	REFRIGERATION CAPACITY COP in W/W 1W=0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C CECOMAF (W) -25	-15	5 W	5 COP	10	Ashrae +7,2 W	Ashrae +7,2 COP	WEIGHT Kg	DESIGN
DK52G	123B1913	5.2	LMHBP	F	12-24V DC	BLDC	C	2500	88	154	**377**	**2.41**	451	**450**	**2.80**	4.20	DKb
								4000	137	240	**586**	**2.23**	701	**700**	**2.60**		

Green Cooling Models
New Models
(*) Or HFO - 1234yf
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

DC Compressors - R290 LBP | MBP | HBP

	MODEL	DANFOSS CODE *	DISPLACEMENT	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	EXPANSION	SPEED	"REFRIGERATION CAPACITY COP IN W/W EVAPORATING TEMPERATURE °C"							WEIGHT	DESIGN
										CECOMAF (W)					ASHRAE			
										-35	-30	-25		-10	-23.3			
			CM3						RPM			W	COP		W	COP	KG	
	DM14U	123B3996	1.40	LMBP	S	12-24V DC	BLDC	C	2000	10	16	**24**	**0.87**	62	**34**	**1.15**	2.60	DMb
									3500	21	30	**44**	**0.87**	105	**60**	**1.15**		
	DL19U	123B3997	1.90	LMBP	S	12-24V DC	BLDC	C	2000	17	28	**42**	**0.87**	107	**59**	**1.15**	4.30	DLb
									3500	36	52	**75**	**0.87**	181	**103**	**1.15**		
	DL22U	123B3998	2.20	LMBP	S	12-24V DC	BLDC	C	2000	20	33	**50**	**0.87**	127	**70**	**1.15**	4.30	DLb
									3500	42	60	**87**	**0.87**	211	**120**	**1.15**		
	DK52U	123B3999	5.20	LMBP	S	24V DC	BLDC	C	2000	39	63	**95**	**1.14**	242	**133**	**1.50**	4.60	DKb
									3500	72	104	**151**	**1.19**	364	**207**	**1.60**		
	DK52U	123B3999	5.20	LMBP	S	48V DC	BLDC	C	2000	39	63	**95**	**1.14**	242	**133**	**1.50**	4.60	DKb
									3500	72	104	**151**	**1.19**	364	**207**	**1.60**		

DC Compressors - R600a LBP | MBP | HBP

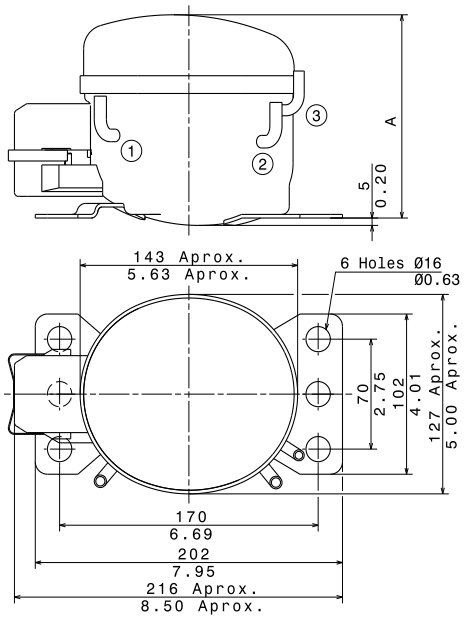
	MODEL	DANFOSS CODE *	DISPLACEMENT	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	EXPANSION	SPEED	REFRIGERATION CAPACITY COP IN W/W EVAPORATING TEMPERATURE °C							WEIGHT	DESIGN
										CECOMAF (W)					ASHRAE			
										-35	-30	-25		-10	-23.3			
			CM3						RPM			W	COP		W	COP	KG	
	DL30C	123B4901	3.00	LBP	S	12-24V DC	BLDC	C	2000	9	15	**23**	**0.91**	58	**32**	**1.20**	4.20	DLb
									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
									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
									3500	35	50	**73**	**1.01**	176	**100**	**1.35**		
	DK70C	123B4904	7.00	LBP	S	12-24V DC	BLDC	C	2000	23	38	**57**	**1.06**	145	**80**	**1.40**	4.00	DKb
									3500	47	68	**98**	**1.08**	237	**135**	**1.45**		
	DK90C	123B4905	9.00	LBP	S	12-24V DC	BLDC	C	2000	29	47	**71**	**1.06**	182	**100**	**1.40**	4.00	DKb
									3500	61	88	**127**	**1.08**	308	**175**	**1.45**		
	VDL30C	123B4906	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
									3500	19	28	**40**	**0.93**	97	**55**	**1.25**		
	VDL35C	123B4907	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
									3500	24	35	**51**	**1.01**	123	**70**	**1.35**		
	VDK52C	123B4908	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
									3500	35	50	**73**	**1.01**	176	**100**	**1.35**		

Green Cooling Models
New Models
See design drawing on pages 41-44
(¤) Ordering code for single compressors. For pallet packed compressors, please replace letter B by F (eg. 123B to 123F)

Technical Information

Compressor Dimensional Drawings

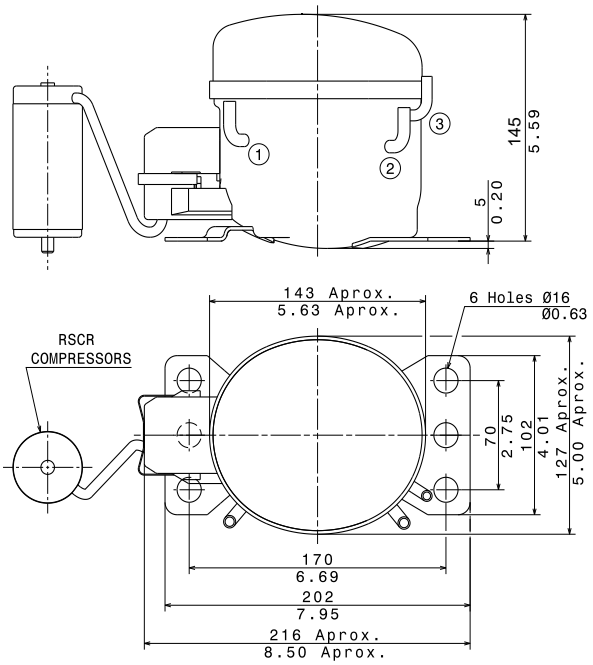
Small L range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
SLb	125.5
SLc	129
SLd	138

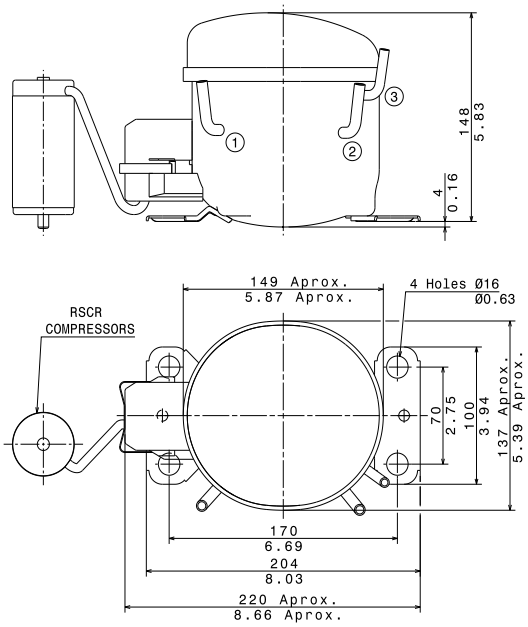
HL range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
HLb	145

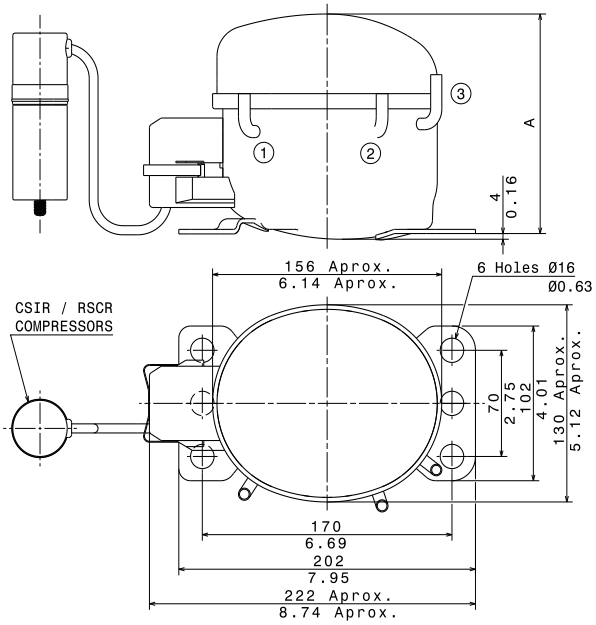
HK range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
HKB	148

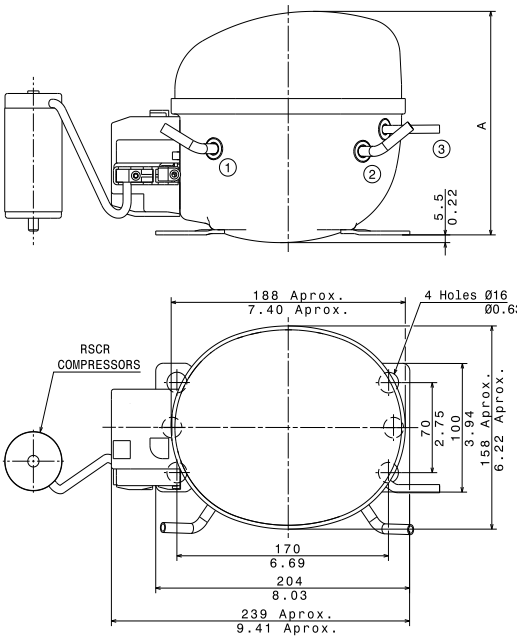
B range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
Bb	141
Bc	145
Be	155
Bf	159

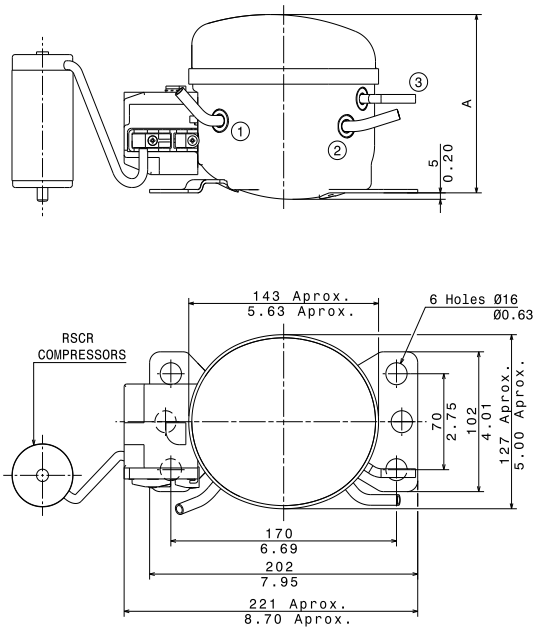
HYE range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
HYEb	173.5
HYEc	169
HYEd	176.5
HYEf	180

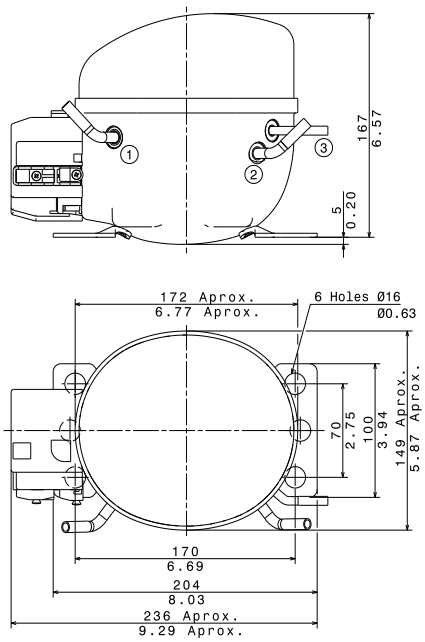
HYB range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
HYBb	130
HYBc	138
HYBd	142
HYBe	154
HYBf	161

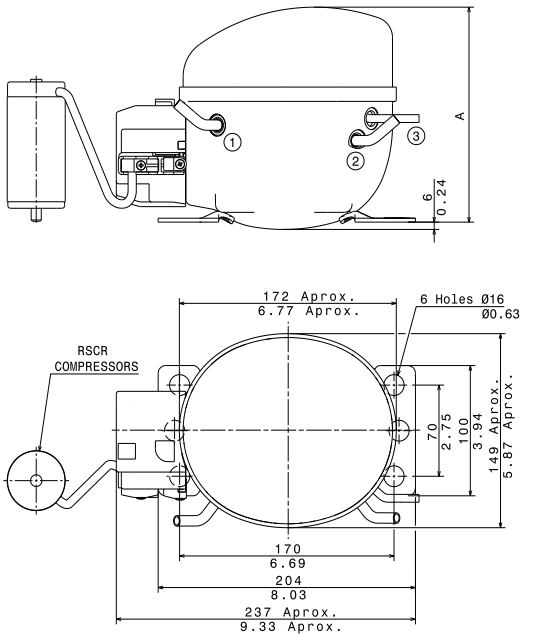
HFY range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
HFYb	167

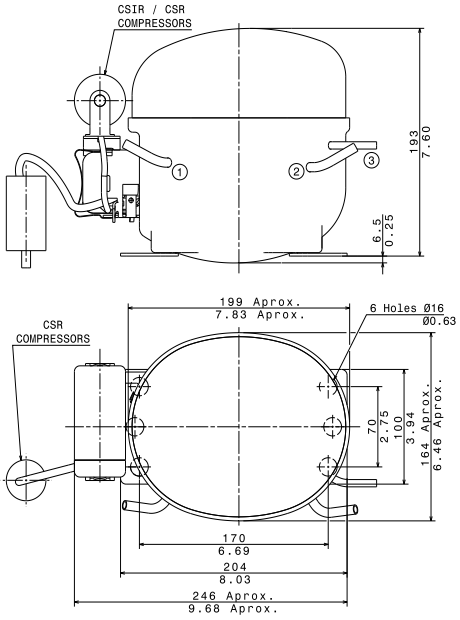
HYS range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
HYSb	159.5
HYSc	165
HYSd	168
HYSe	172

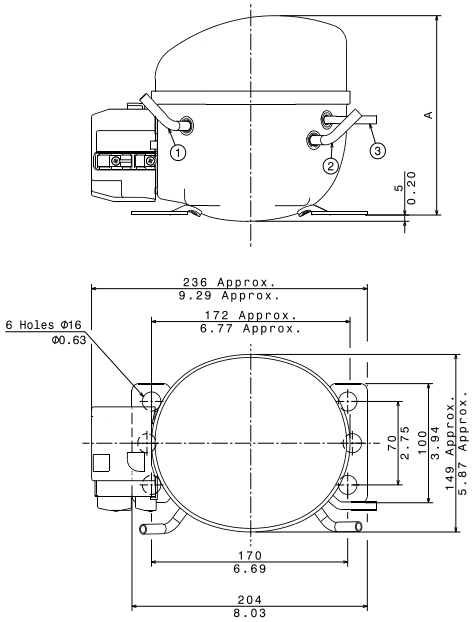
HY range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
HYb	193

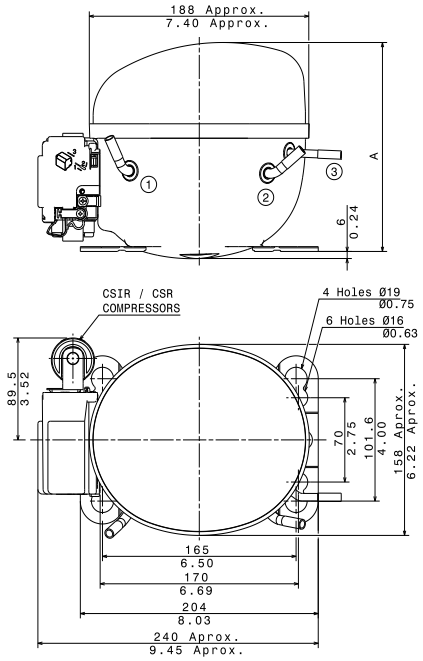
F range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
Fb	165
Fc	170
Fd	175
Fe	178

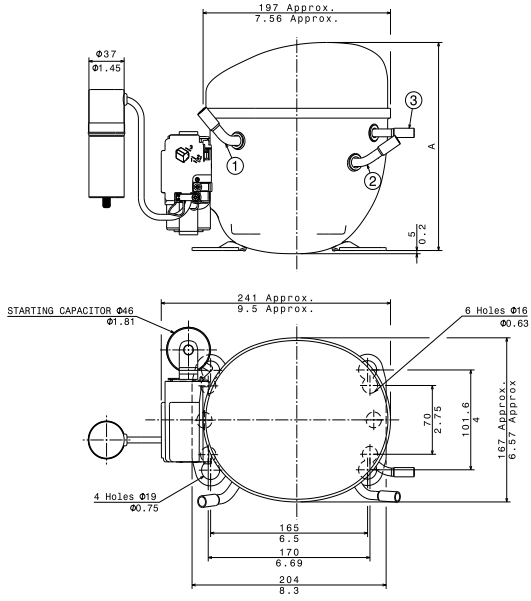
U range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
Ub	173.5
Uc	176.5
Ud	180
Ue	182

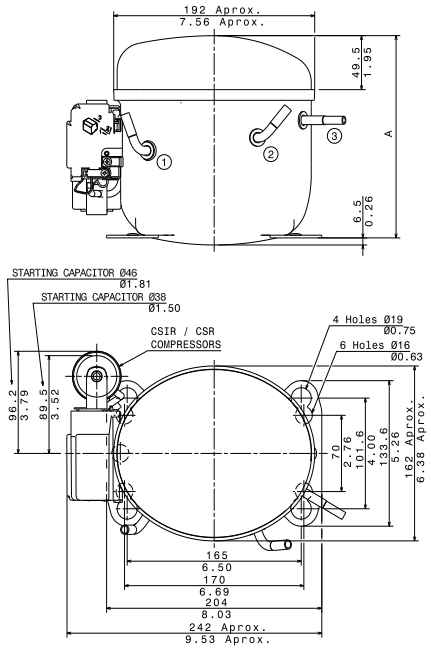
U+ range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
U+b	207

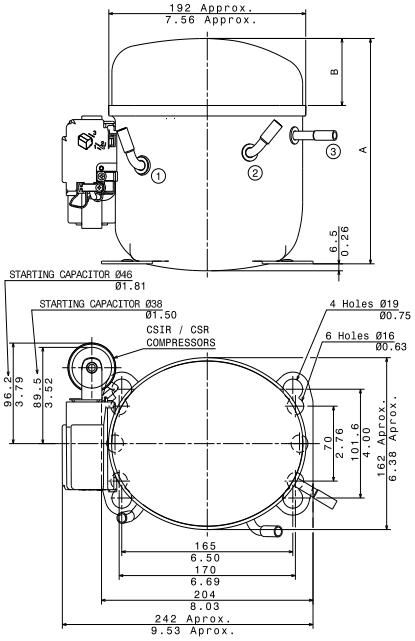
L range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
Lb	175
Lc	185.6
Ld	198

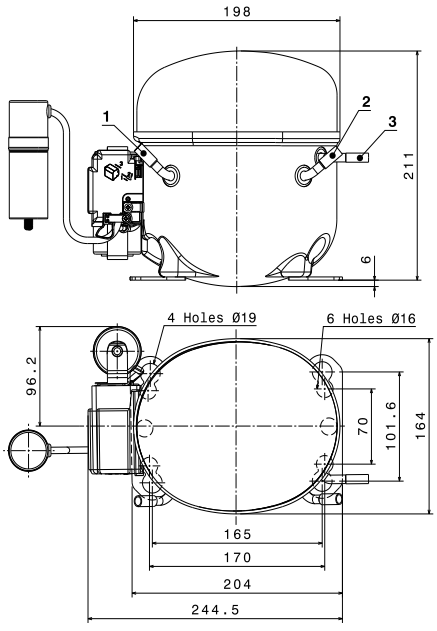
P range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
Pc	198.1
Pd	210.5
Pe	215.5

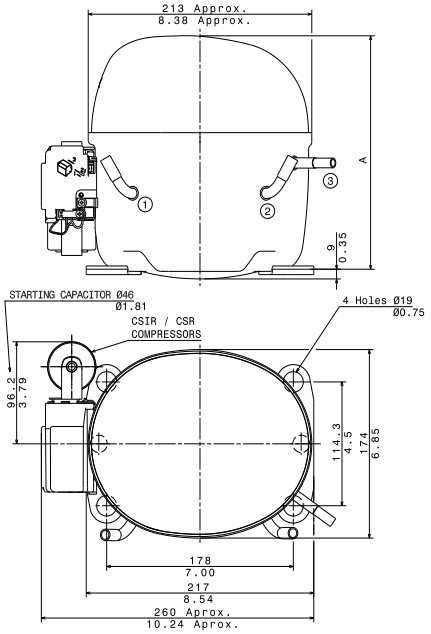
P+ range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
P+b	211

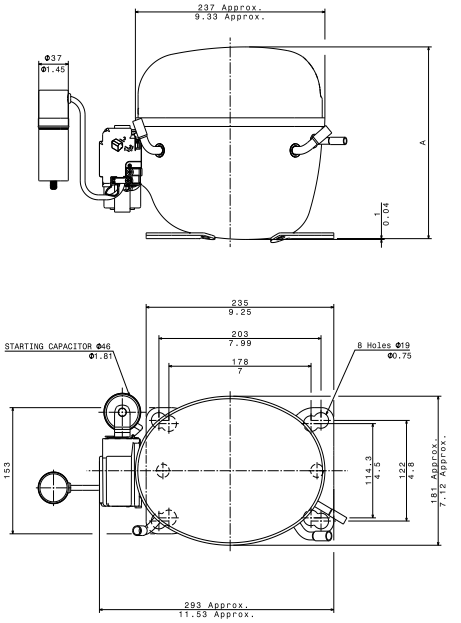
X range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
Xc	215
Xd	221

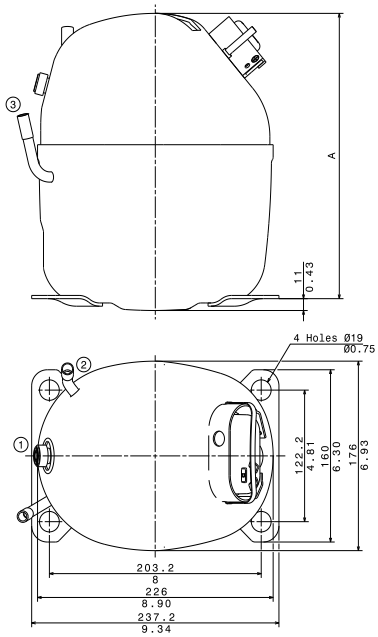
X+ range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
X+b	226.5
X+c	232.5

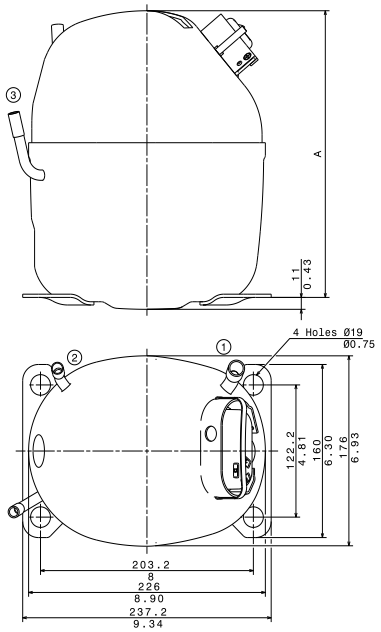
S range (valve)



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
Sb	252
Sc	265
Sd	276

S range (tube)

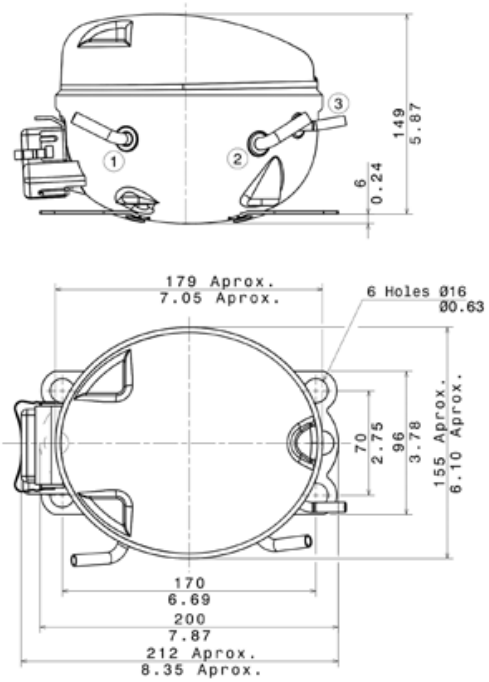


Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
Sb	252
Sc	265
Sd	276

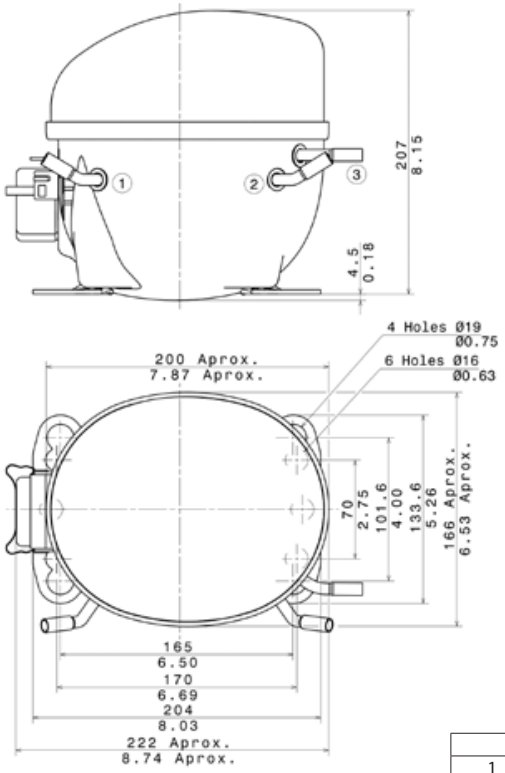
Variable Speed Compressors

NVT NVS range



	A (mm)
Vb	149

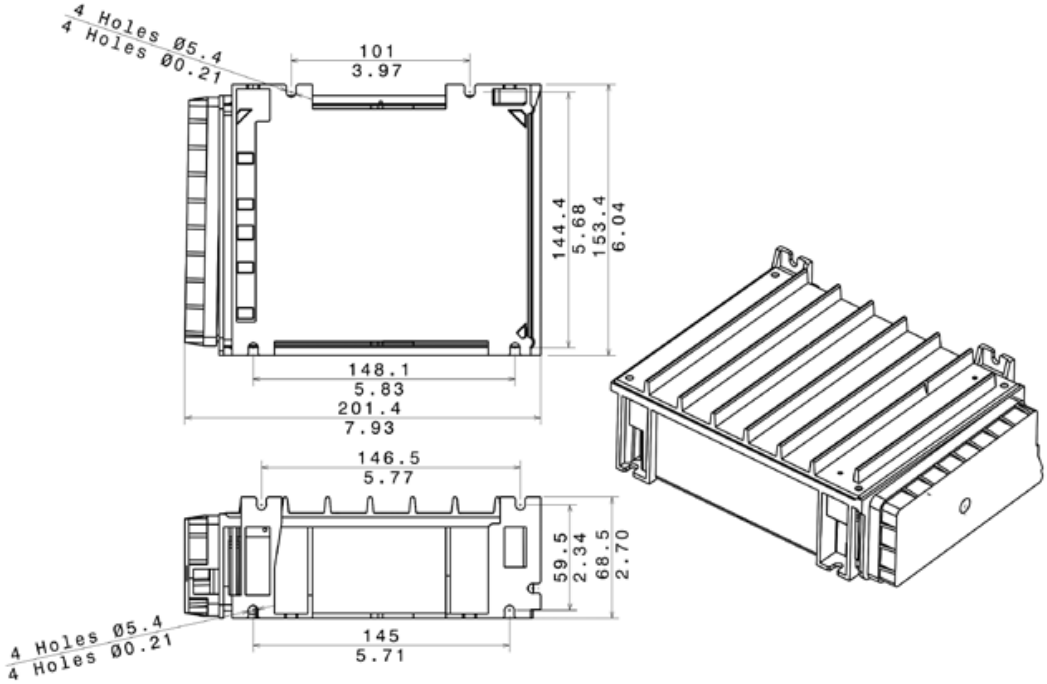
NUS NUD range



	A (mm)
Uv	201

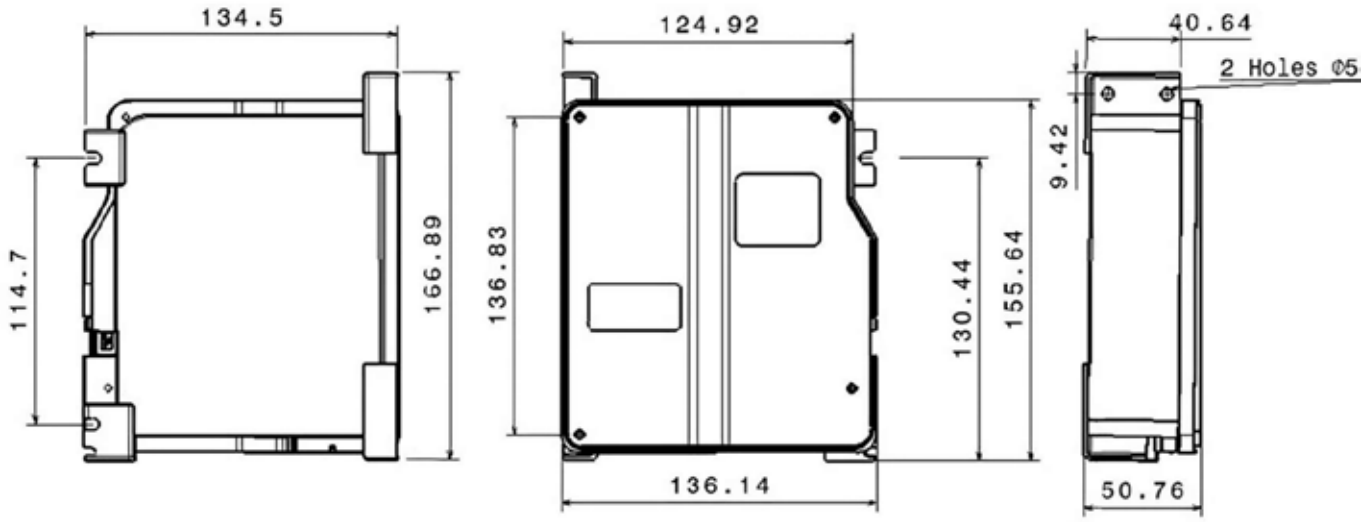
Legend	
1	Suction
2	Service
3	Discharge

Electronic Driver for Variable Speed Compressor (NUS, NUD)



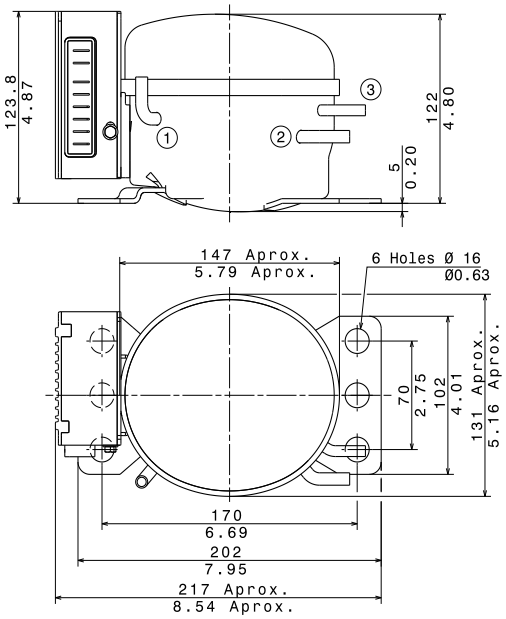
Electronic Driver for Variable Speed Compressor

(NVT/NVS/NMD)



12-42V DC Compressors

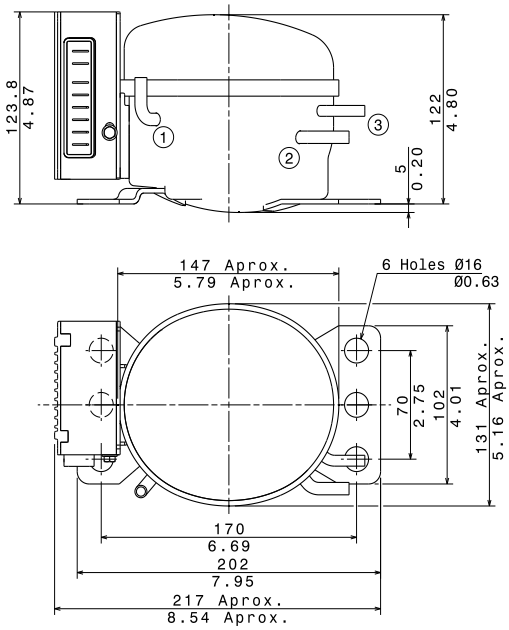
DL range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
DLb	123.8

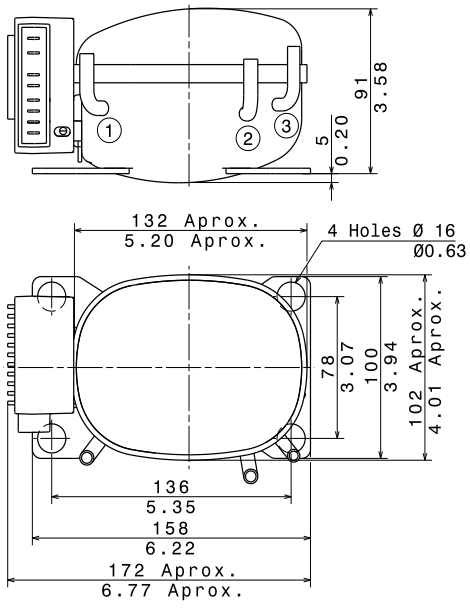
VDL range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
VDLb	131.6

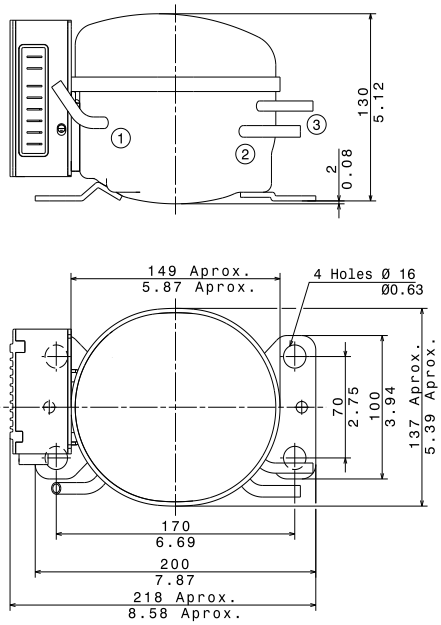
DM range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
DMb	91

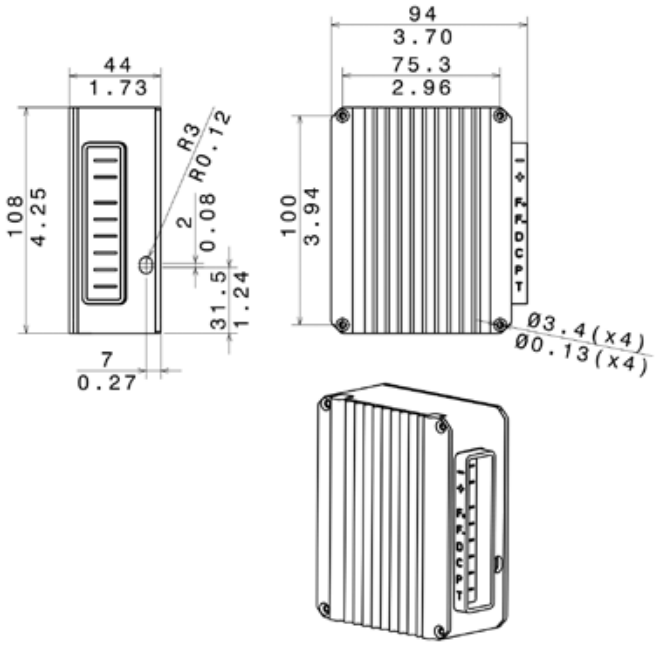
DK range



Legend	
1	Suction
2	Service
3	Discharge

	A (mm)
DKb	135

Electronic driver DC (DL, DM, DK)



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 / HL / HK	257	172	151/166	1010	1010
	HYS / HYB / HFY	250	175	184	1295	985
	HYE	302	180	200/204/210	1295	985
	HY	300	195	214	1295	1030
	U / F	300	192	180/198	1200	1050
	U+	300	192	227	1200	1050
	L / P	300	192	180/198/209/227/235	1200	1050
	X (w/ connecting box)	320	192	235	1050	1050
	X	347	207	242	1050	1050
	S	340	223	277/288	1010	1010

Industrial pack

		Tray dimensions (mm)		Pallet dimensions (mm)	
	Range	Length	Width	Length	Width
Compressors	Small L	1120	815	1135	830
	B / HL / HK	1120	815	1135	830
	HYS / HYE / HY / HFY	1095	796	1120	820
	HYB	1120	815	1120	820
	U / F / U+	1095	796	1200	800
	L / P	1060	990	1050	1050
	P+ / X	1050	1020	1050	1050
	S	1050	1050	1050	1050

Quantities per Pallet

	Industrial pack			Single Pack		
Range	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
HY / HYE	18	4	72	20	4	80
HYB	25	5	125	25	4	100
HYS / HFY	18	4	72	25	4	100
U / F	18	4	72	20	4	80
U+	18	4	72	20	4	80
L	24	5	120	20	5	100
P	24	5	120	20	5	100
P+ / X	17	4	68	16	4	64
X (w/ connecting box)	17	4	68	15	4	60
S	21	2	42	13	4	52

Fixings

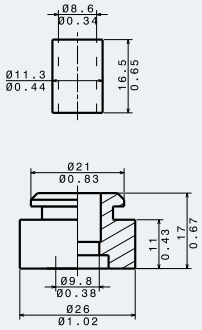
Fixings allow the manufacturer of appliances to fix the compressor to the appliance base, connecting it to the cooling system.

Mounting feet

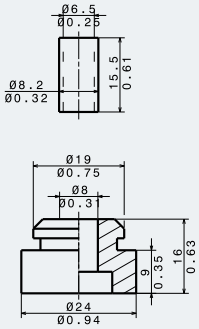
Range	Mounting feet	
Small L, HL, HK	European type. Set of 4 holes of 16mm DIA with inter-axes: 70x170mm	
B, L, P, U, U+, HYB, HFY, HYS, HY	European type Set of 4 holes of 16 mm DIA with inter-axes: 70 x 170 mm	American type Two sets of 4 holes: 1. Set of 16 mm DIA with inter-axes: 70 x 170 mm 2. Set of ¾ inch (19 mm) DIA with inter-axes: 4 x 61/2 inch (101.6 x 165 mm)
X	One set of 4 holes of 19 mm (¾ inch) DIA with inter-axes: 114.3 x178 mm (41/2 x 7 inch)	
X+	American type Two sets of 4 holes: 1.- Set of 16 mm DIA with inter-axes: 114,3 x 178 mm 2.- Set of ¾ inch (19 mm) DIA with inter-axes: 122 x 203 mm	
S	One set of 4 holes of 19 mm (¾ inch) DIA with inter-axes: 122.2 x 200.2 mm (413/16 x 7 7/8 inch)	

Silent Blocks (Mounting accessories)

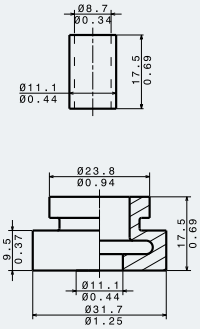
STANDARD
Small L & B
D.16 hold net



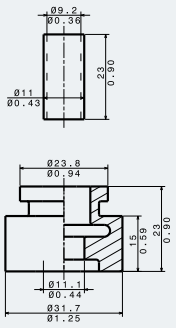
STANDARD
D.16 holds net



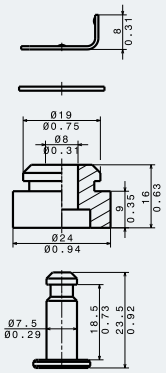
AMERICAN FEET
D.19 holds net



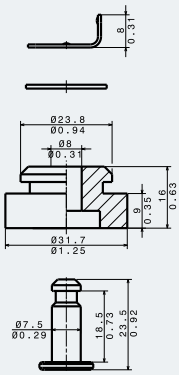
STANDARD X & S
D.16 holds net



SNAP-ON
D.16 holds net

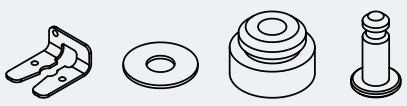


AMERICAN SNAP-ON
D. 19 holds net

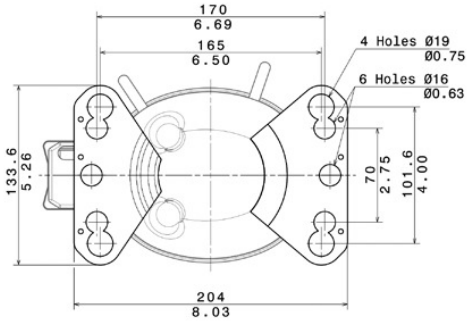


1. Mounting sleeve
2. Silent Block

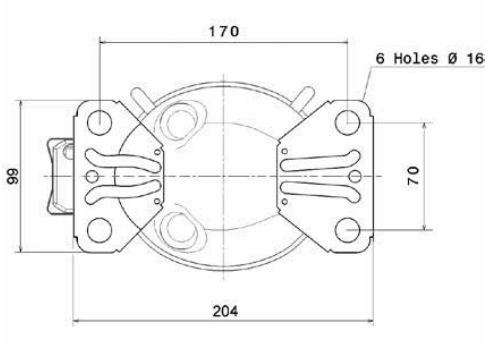
1. Clip
2. Washer
3. Silent Block
4. Axis



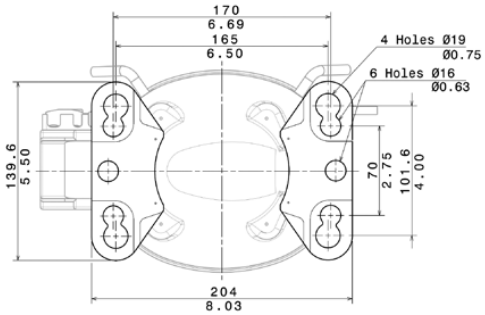
B Range
American mounting feet



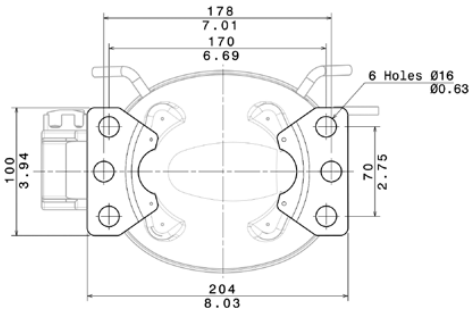
Small L & B Range
European mounting feet



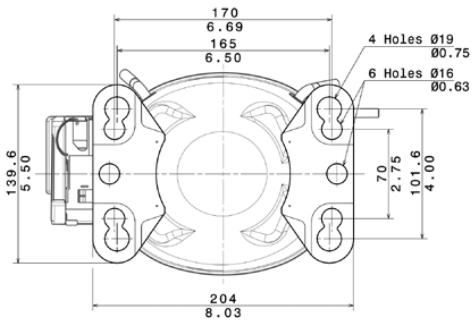
HY Range
American mounting feet



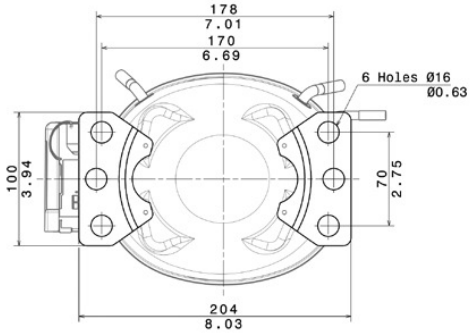
HY Range
European mounting feet



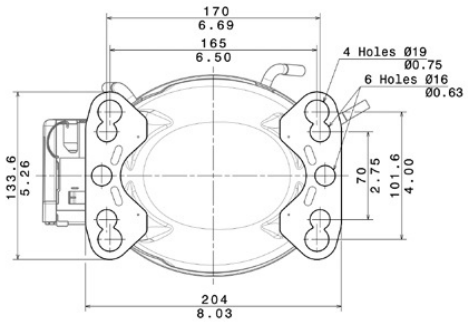
F, U & U+ Range
American mounting feet



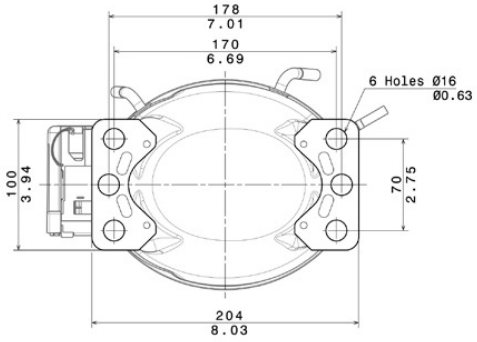
F, U & U+ Range
European mounting feet



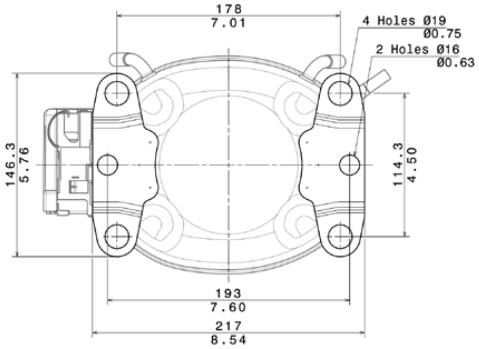
L, P & P+ Range
American mounting feet



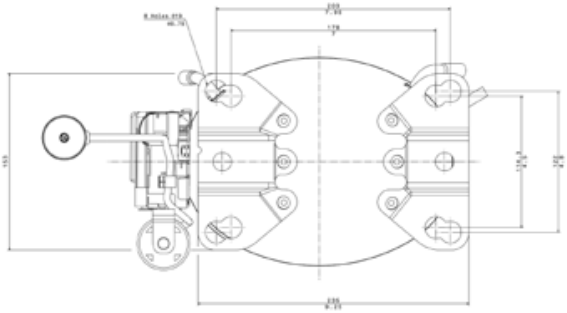
L, P & P+ Range
European mounting feet



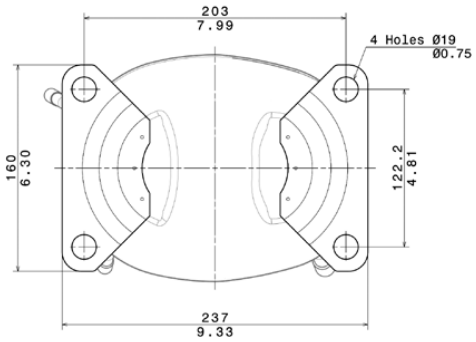
X Range



X+ Range

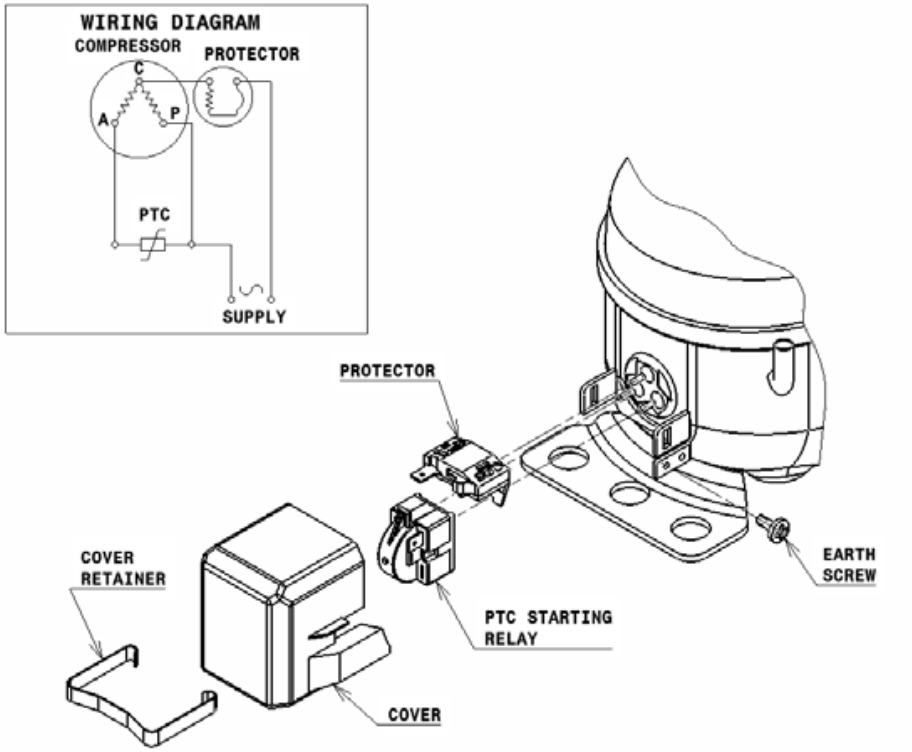


S Range

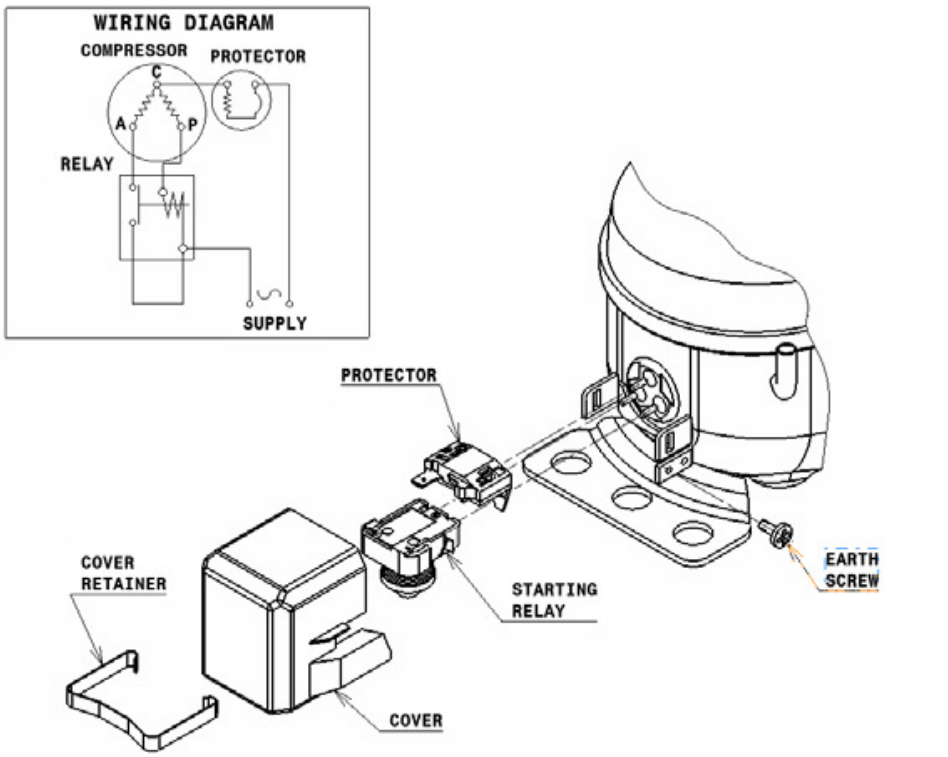


Wiring Diagrams and Electrical Assembly

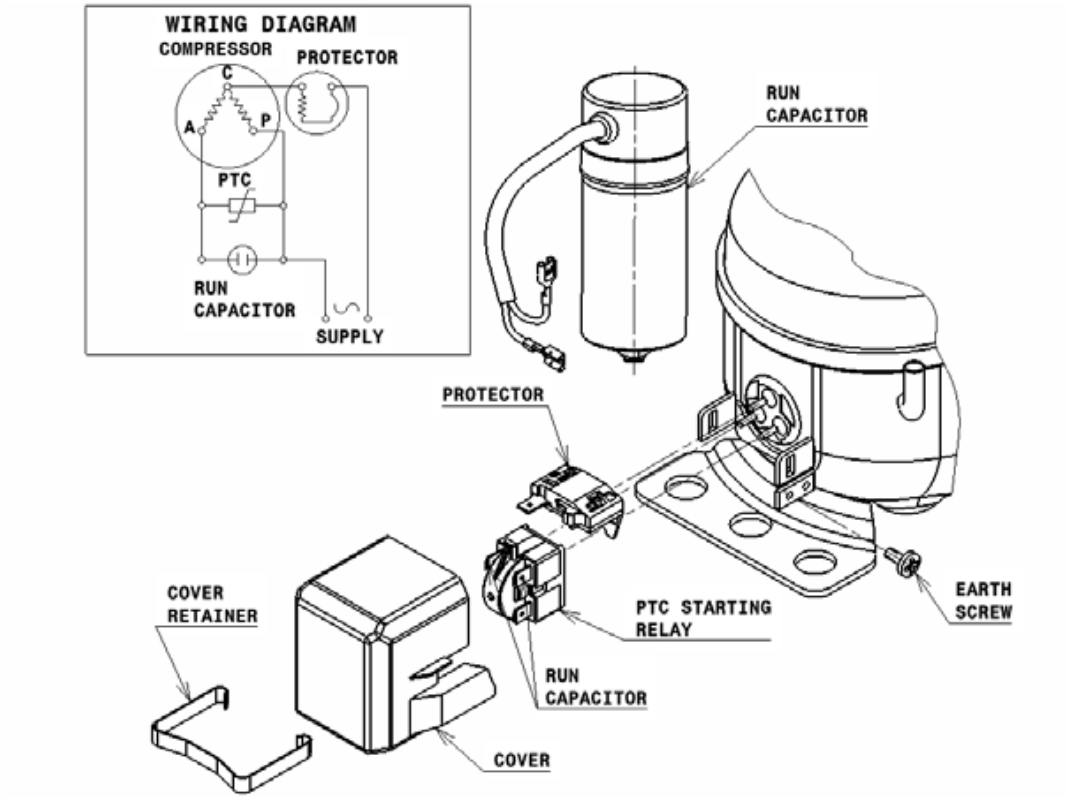
RSIR-PTC (Small L, B, HL and HK ranges)



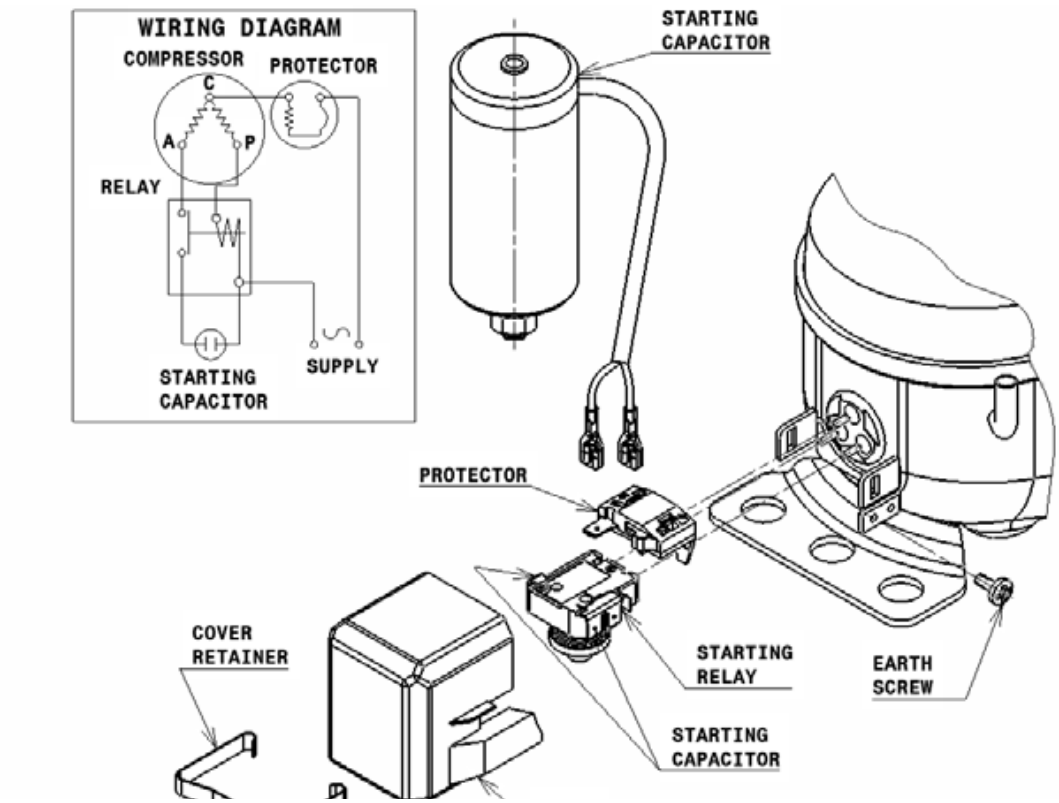
RSIR-Relay (Small L, B, HL and HK ranges)



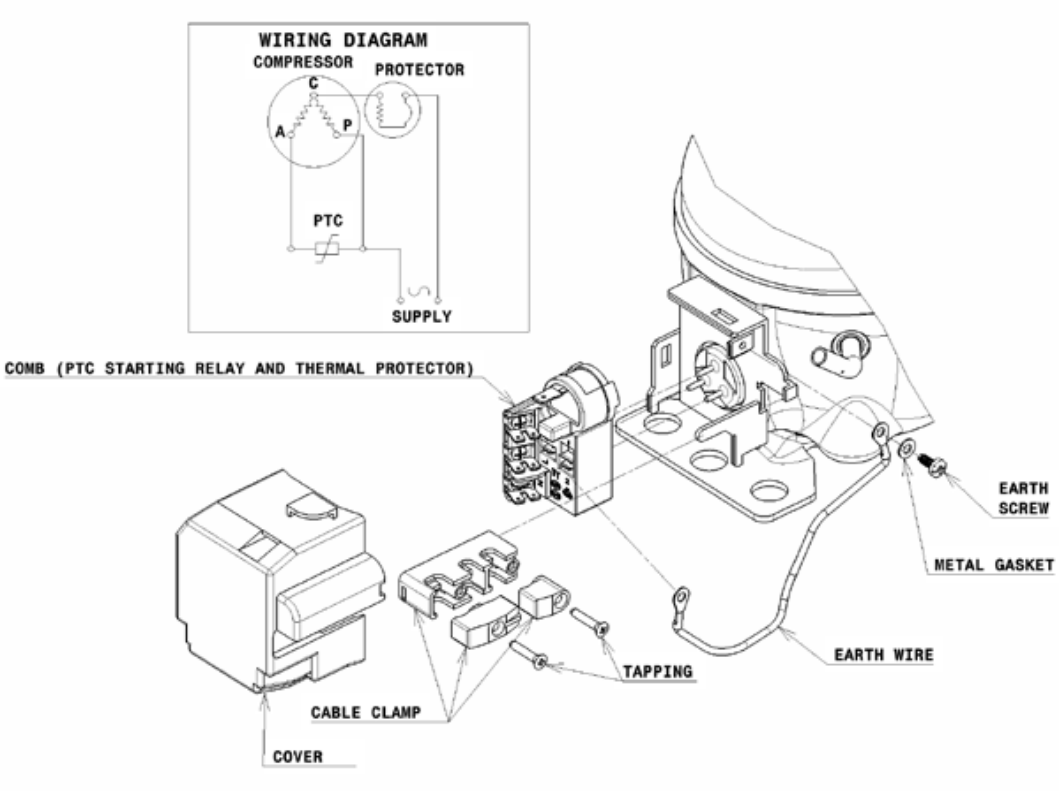
RSCR-PTC (Small L, B, HL and HK ranges)



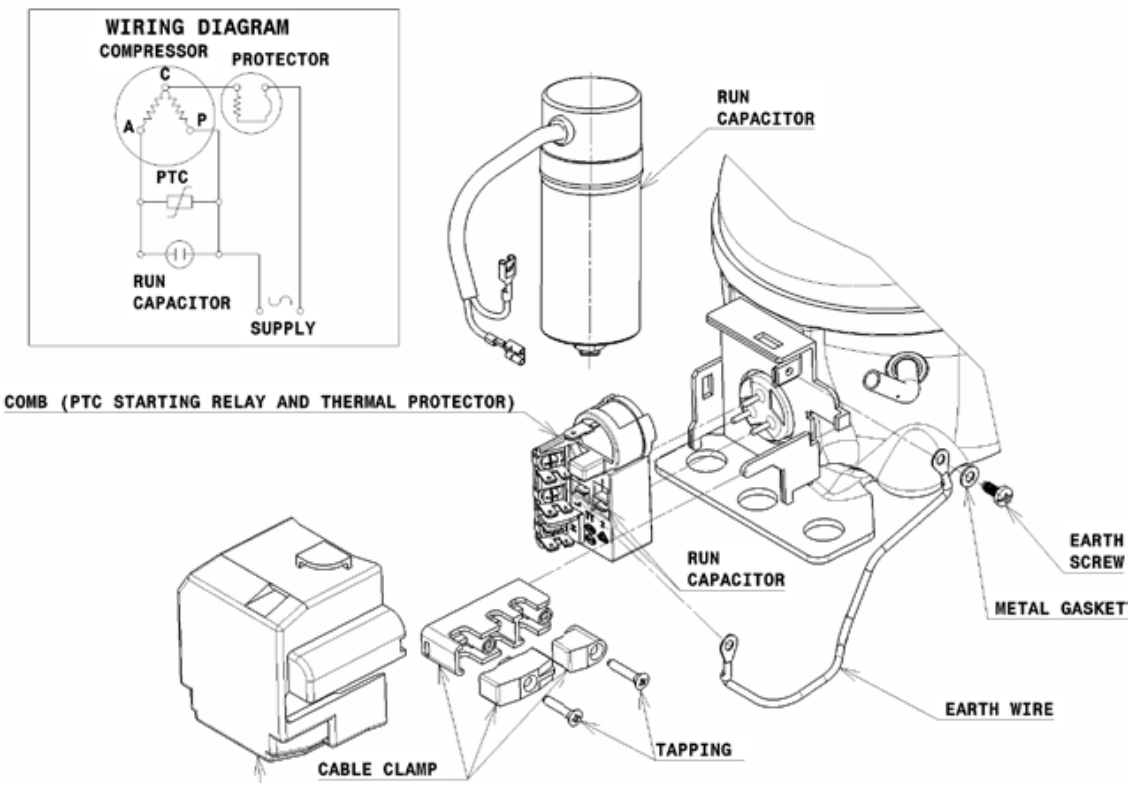
CSIR-RELAY (Small L, B, HL and HK ranges)



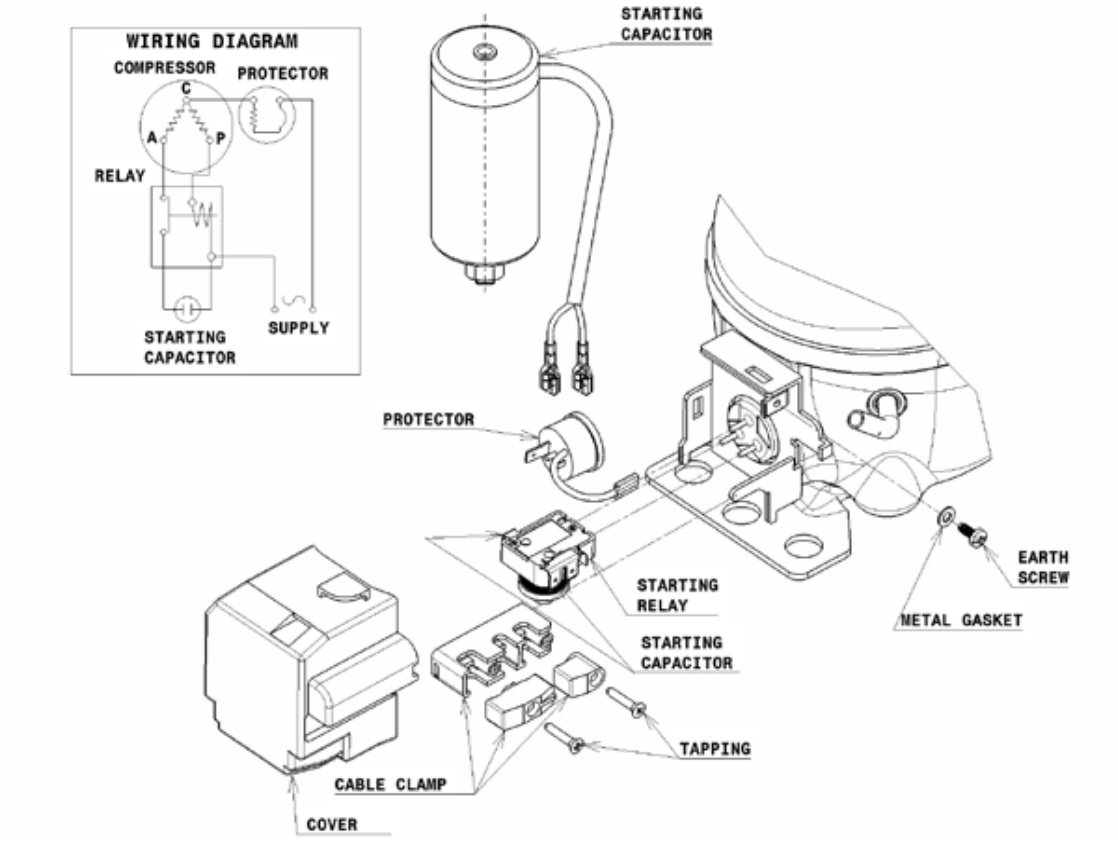
RSIR - (F, HY, HYE, HYB, HYS, HFY and NUM)



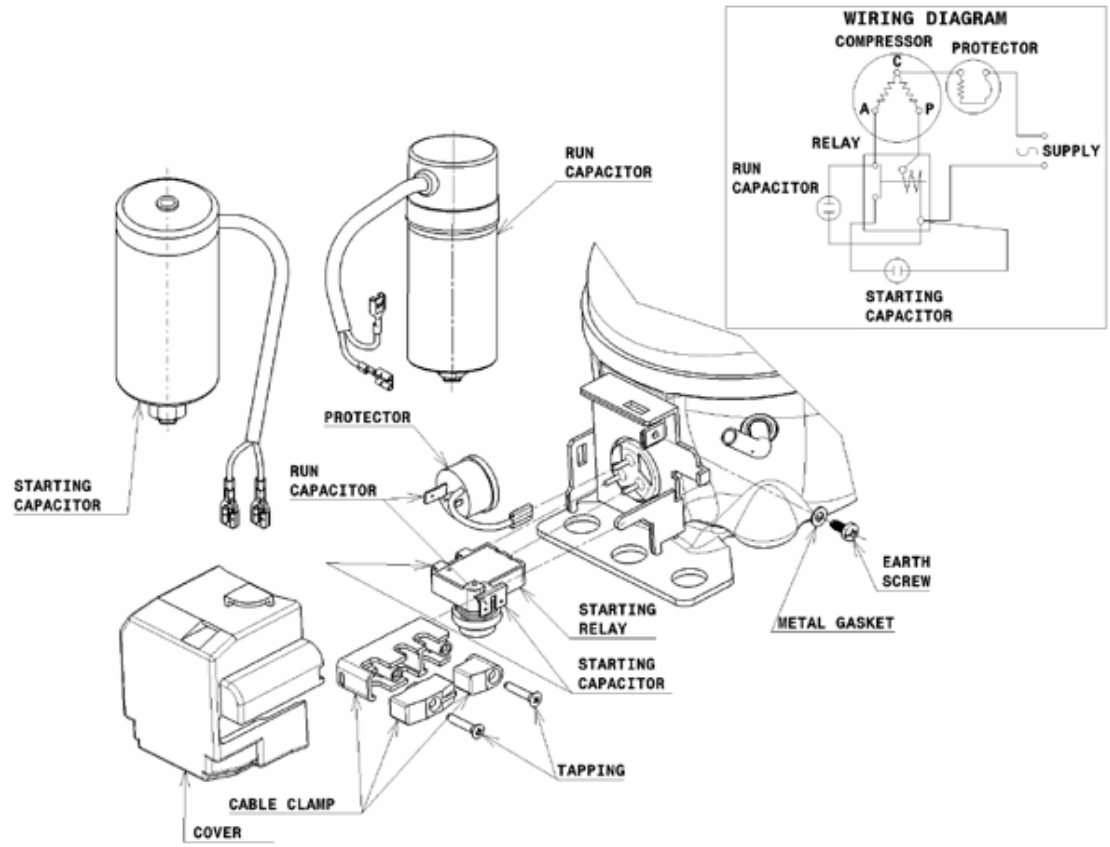
RSCR - (F, HY, HYE, HYB, HYS, HFY and NUM)



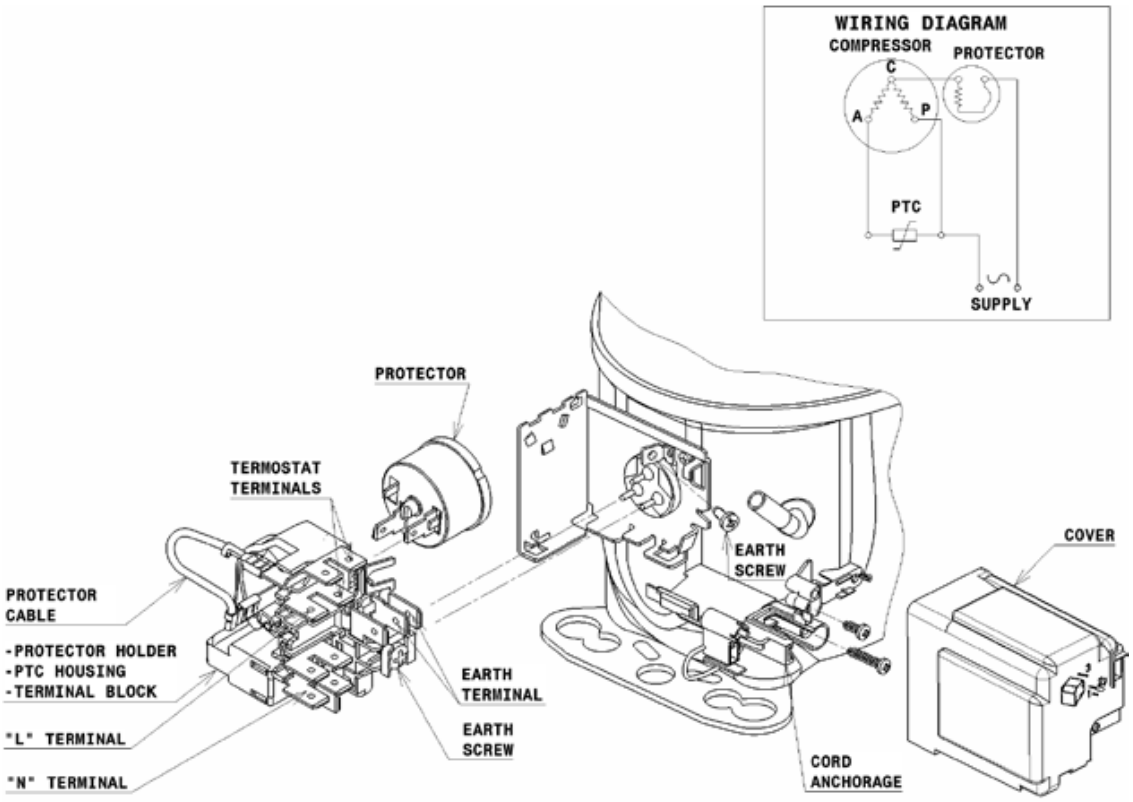
CSIR- RELAY (F, HY, HYE, HYB, HYS, HFY and NUM)



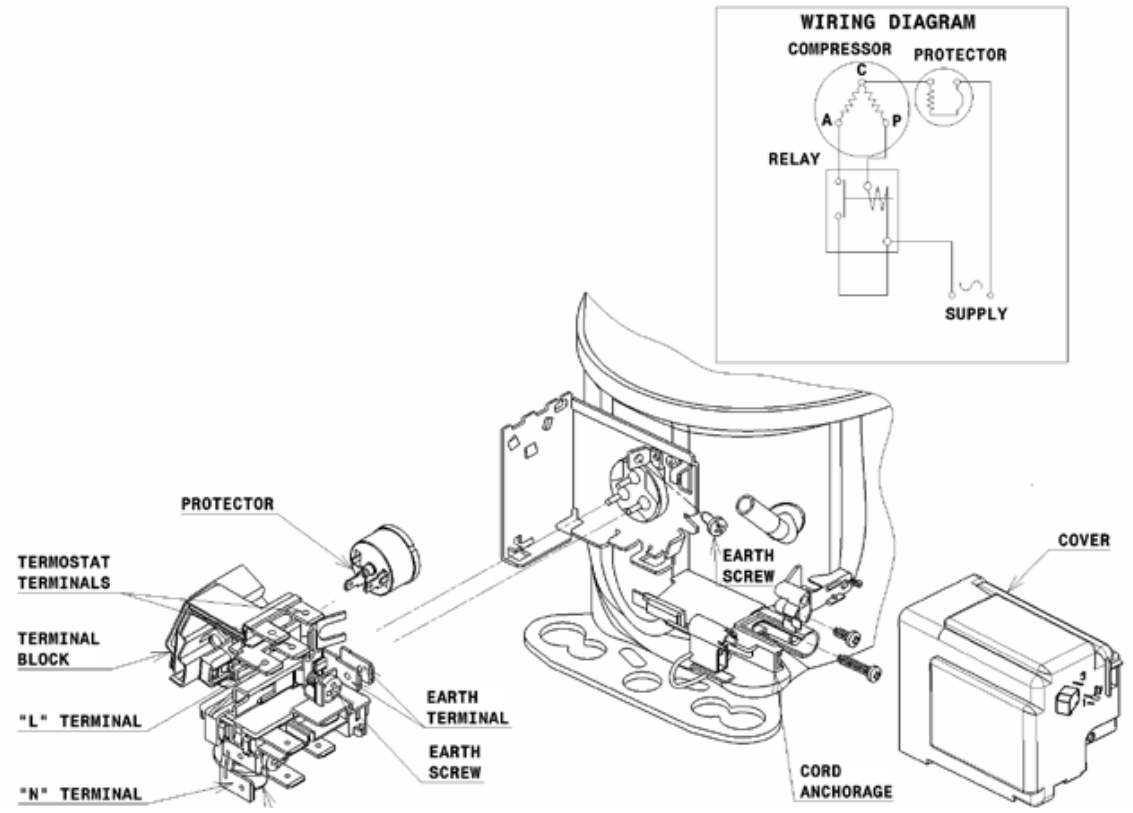
CSR - RELAY (F, HY, HYE, HYB, HYS, HFY and NUM)



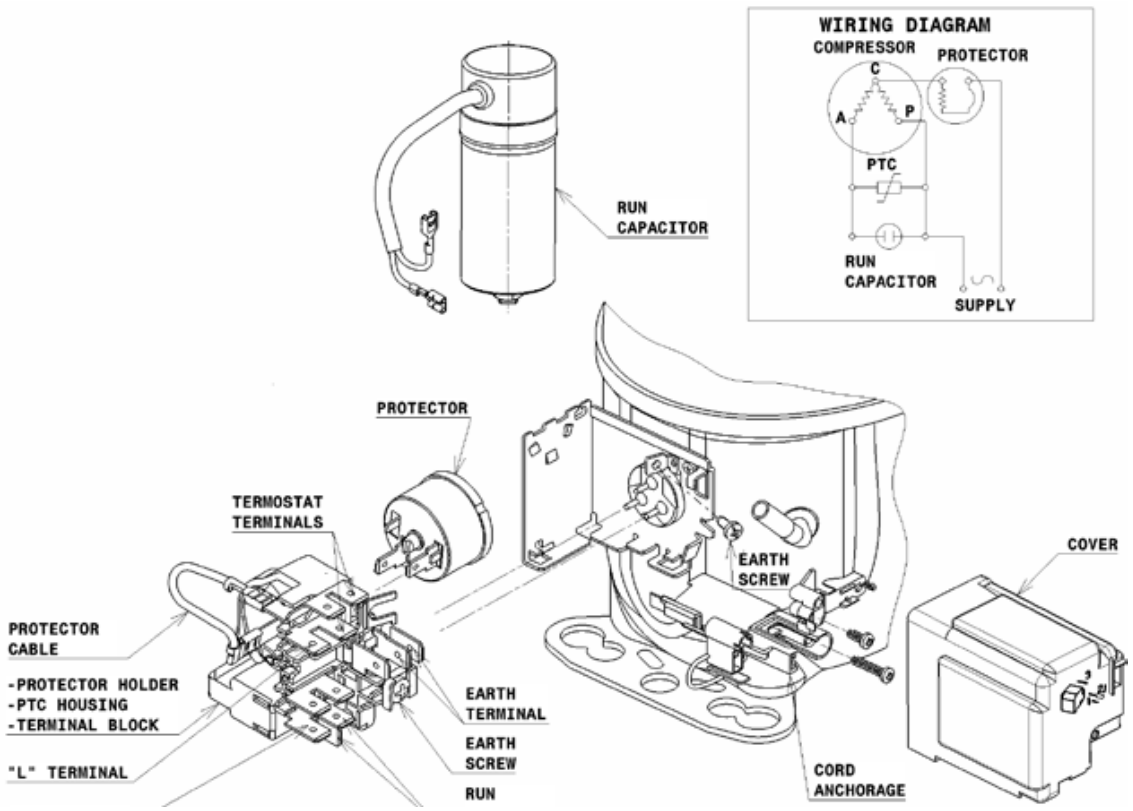
RSIR-PTC (L, U, U+, P and P+ ranges)



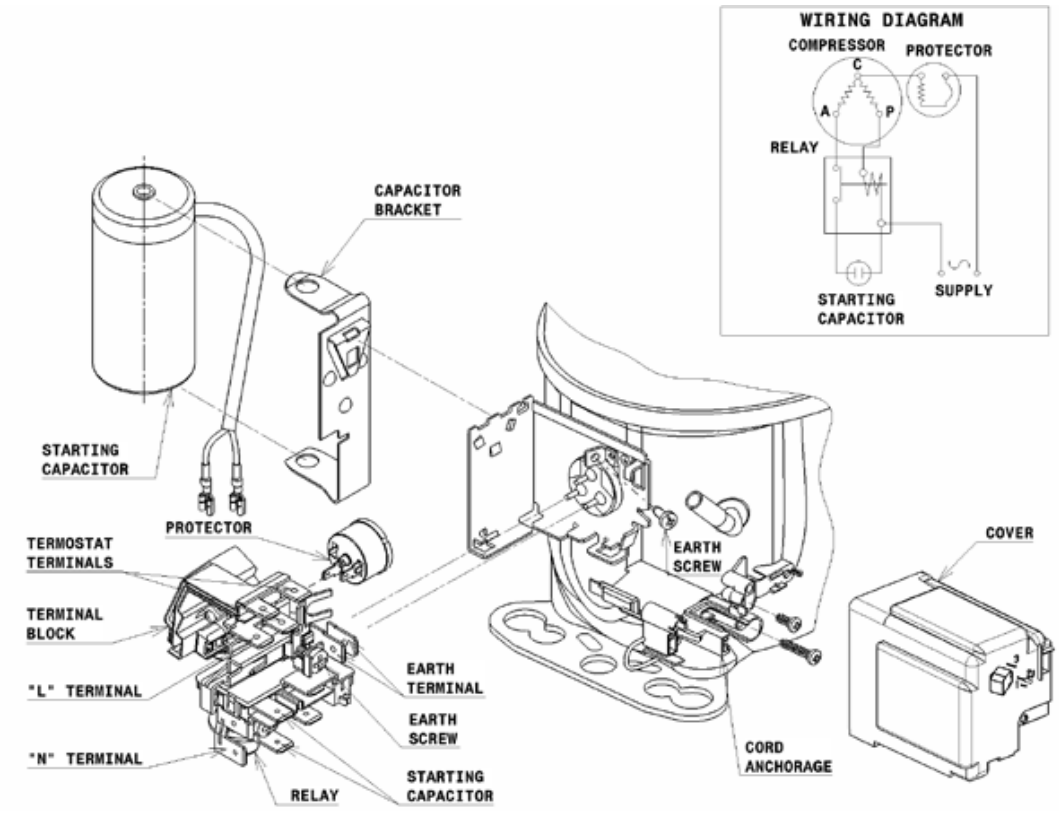
RSIR-Relay (L, U, U+, P and P+ ranges)



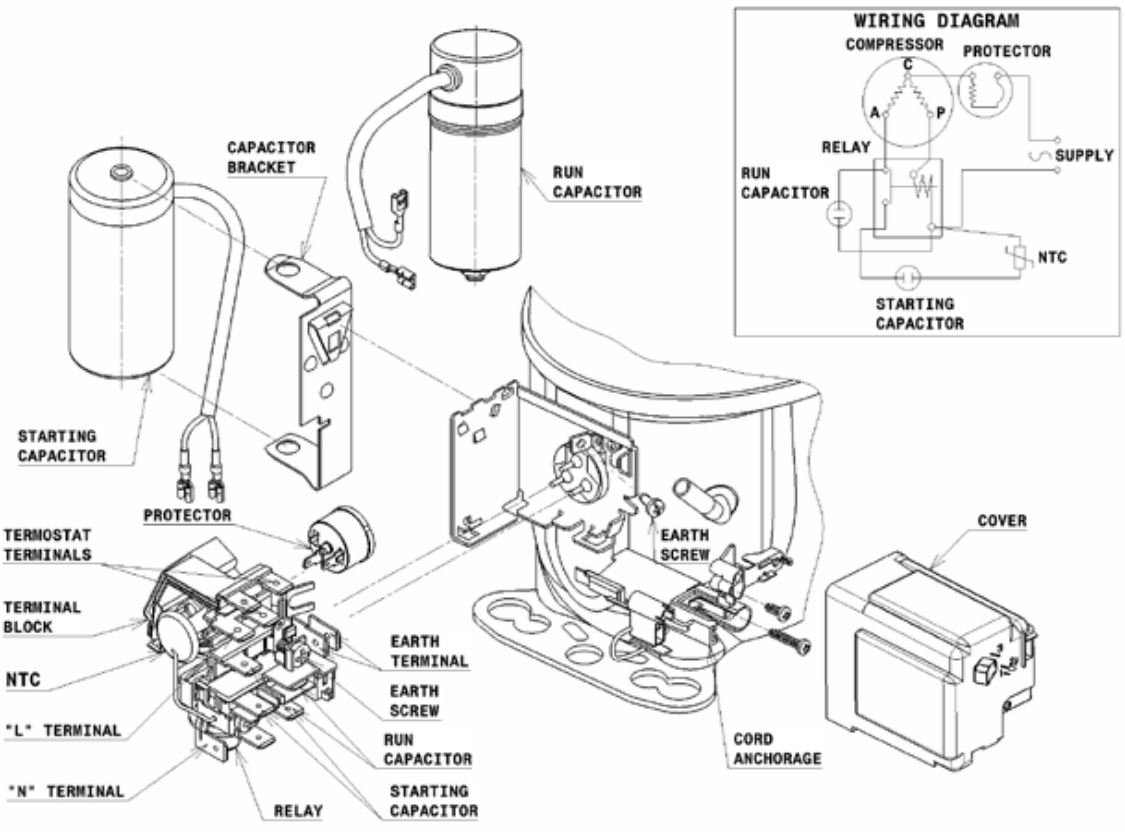
RSCR-PTC (L, U, U+,X+,P and P+ ranges)



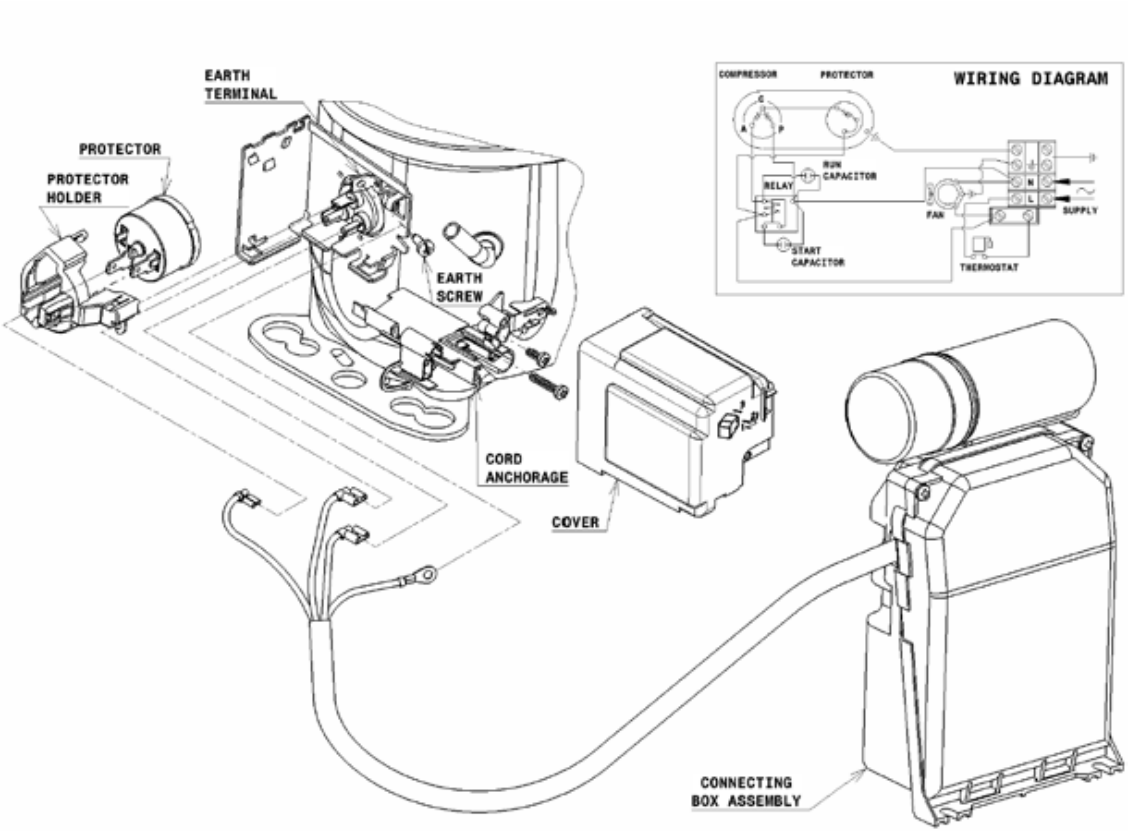
CSIR-RELAY (L, U, U+,X+ P and P+ ranges)



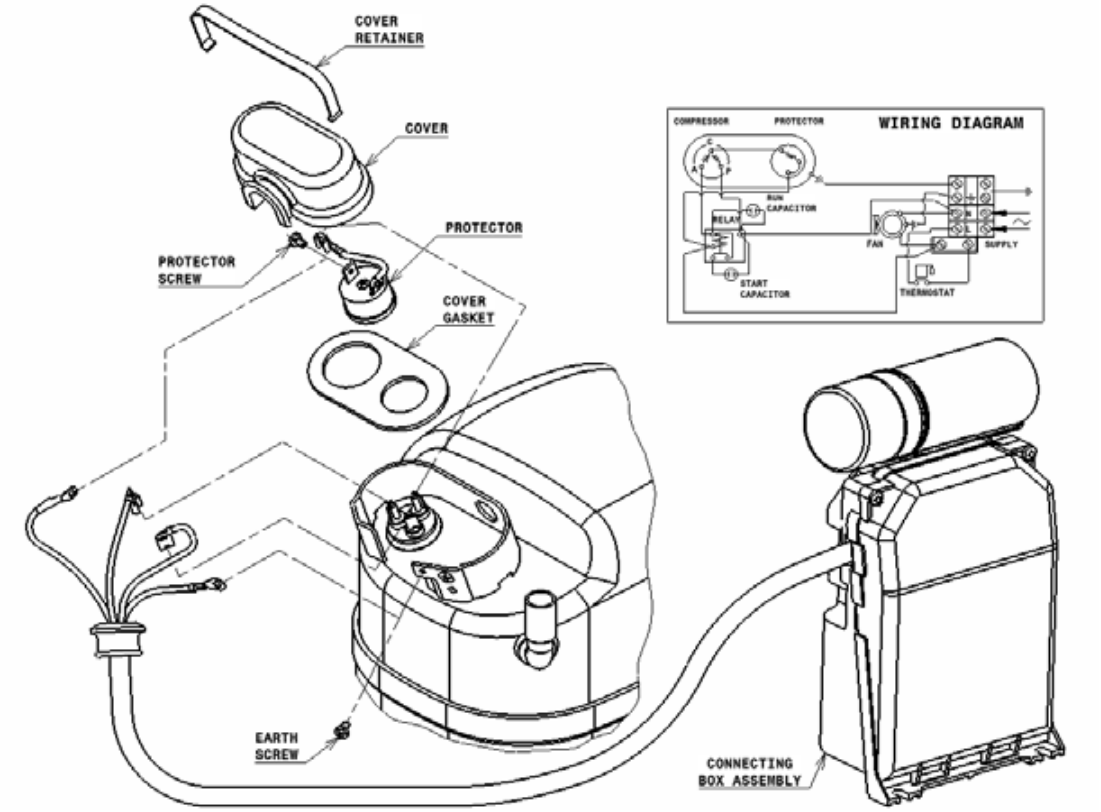
CSR-NTC-RELAY (L, U, U+, P, P+, X and X+ ranges)



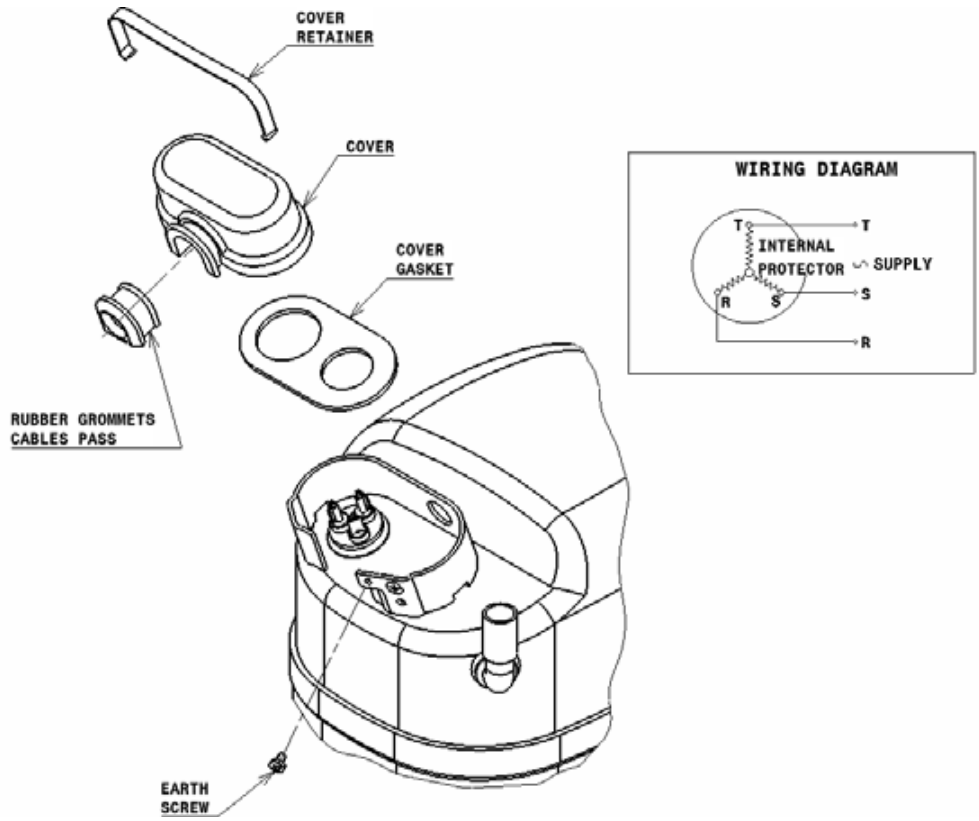
CSR - RELAY with electrical box (P, X and X+ range)



CSR - RELAY with electrical box (S range)



3PH (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	ML80TB	NUY90RA
490 - 600 L	GPY14RA	ML80TB	NLY12RA
600 - 750 L	GPY16RA	ML80TB	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	-10ºC
Internal temperature	0 a 6ºC
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

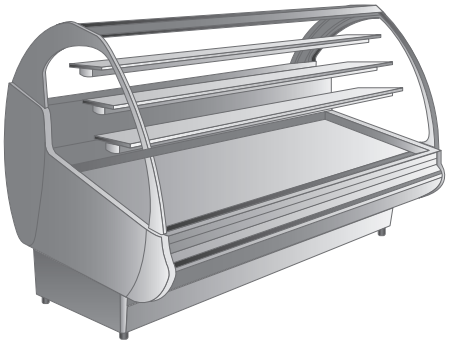
PARAMETERS	
Evaporating temperature	-10ºC
Internal temperature	0 a 7ºC
Application	MBP / LST

Open display mini refrigerator

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

PARAMETERS	
Evaporating temperature	-10ºC
Internal temperature	-5ºC
Application	MBP / LST

Bakery display cabinet



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

PARAMETERS	
Evaporating temperature	-5ºC
Internal temperature	5 a12ºC
Application	MBP / LST

Vending machine

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

PARAMETERS	
Evaporating temperature	-10ºC
Internal temperature	5ºC
Application	HMBP / LST

Open display refrigerator

	R134a	R290
300 L	GPY14RA	NUY90RA
400 L	GPT18RA	NPY12RA

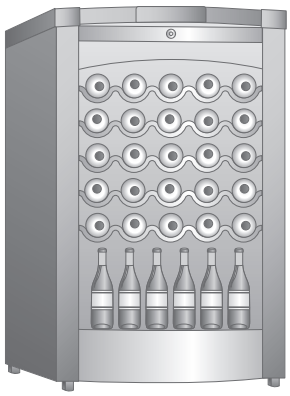
PARAMETERS	
Evaporating temperature	-10ºC
Internal temperature	-5ºC
Application	MBP / LST

Self service cabinet

	R134a	R290
350 - 500 L	GPY12RA	NUY90RA
500 - 700 L	GPY14RA	NUY90RA
700 - 900 L	GPT18RA	NPY12RA
900 - 1000 L	GS30TB	NX21TBA

PARAMETERS	
Evaporating temperature	-10 a -5ºC
Internal temperature	0 a 10ºC
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

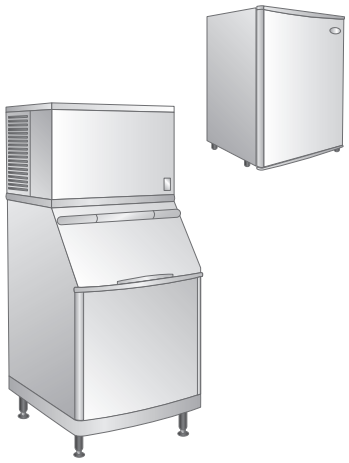
PARAMETERS	
Evaporating temperature	-5ºC
Internal temperature	-5 a 15ºC
Application	HMBP / LST

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 -5ºC
Internal temperature	-10ºC
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	-

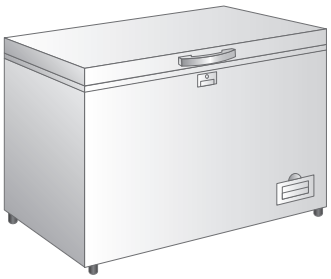
PARAMETERS	
Evaporating temperature	-10ºC
Internal temperature	0ºC
Application	HMBP / LST

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	-30ºC
Internal temperature	-18ºC
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

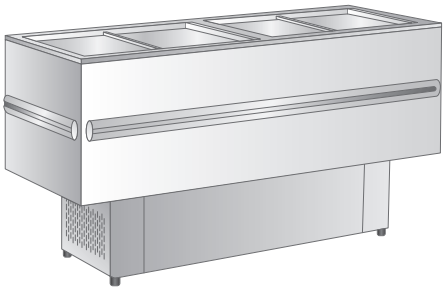
PARAMETERS	
Evaporating temperature	-30ºC
Internal temperature	-18ºC
Application	LBP / LST

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	-30ºC
Internal temperature	-18ºC
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	-30ºC
Internal temperature	-20 a -15ºC
Application	LBP / LST

ENGINEERING
TOMORROW

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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.

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Danfoss Inverter Scrolls

Danfoss Scrolls

Danfoss Optyma™ Condensing Units

Danfoss Maneurop Reciprocating Compressors

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