

Compressors ZMC, EGL70AT, 1/5Hp, 1Ph,
GL70AT, R-134a, standard Efficiency,
220-240V 50Hz, Cubigel Compressor,
Cubigel, RSIR, LBP – LST – S, no
Starting capacitor

Category: compressor

written by www.mbsm.pro | 19 December 2020



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G L Y 60 R A a

Indicates refrigerant.

G = R134a **N** = R290

M = R404A/R507 **H** = R600a

Indicates compressor range (overall design).

L = 4.5 - 10.7cm³ **X** = 16.0 - 23.0cm³

U = 4.5 - 8.9cm³ **P** = 12.0 - 18.0cm³ **S** = 18.0 - 38.0cm³

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

Blank = Standard Efficiency

C = Enhance Efficiency

M = Medium

Y = 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/CSR

Indicates approximate compressor displacement under the following rule:

U / L ranges 10 times the approx. displacement in cm³/rev (GL90TB -> approx 9 cm³/rev)

P / X / S ranges The approx. displacement in cm³/rev (MX21TG -> approx 21 cm³/rev)

Indicates the starting torque, application type and compressor cooling:

A = LBP - LST - S

L = LBP - HST - Fan (Current Relay)

R = HMBP - HST - FAN

C = LBP - LST - FAN

M = HMBP - LST/HST - S/FAN

(CSR versions with Current Relay)

D = LBP - HST - S

N = LMBP - LST/HST - S/FAN

T = HMBP - HST - FAN

F = LBP - HST - FAN

P = HMBP - LST - FAN

(CSR versions with Potential Relay)

Indicates the rated voltage:

A = 220-240V 50Hz

B = 220-240V 50Hz (standard efficiency)

C = 220-240V 50Hz (standard efficiency)

G = 200-220V 50Hz / 220-230V 60Hz

J = 100V 50/60Hz

N = 200-220V 50Hz or 200-240V 50Hz /

200-220V 50Hz

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Model	Rated Voltage	Rated Frequency	Rated Power	Rated Current	Rated Torque	Rated Speed	Rated Displacement	Rated Efficiency	Rated COP	Rated EER	Rated SEER	Rated HSPF	Rated ISEER	Rated IPLV	Rated COP	Rated EER	Rated SEER	Rated HSPF	Rated ISEER	Rated IPLV
GD40AA	4.06	1/10	LBP	S	220-240V 50Hz ~1	RSIR	P	C	34	50	70	0.77	155	82	1.00	6.1	Dd			
GD40AF	4.06	1/10	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	31	47	66	0.67	147	78	0.88	6.8	Dd			
GLY45AAa	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	47	65	89	1.01	192	104	1.30	8.7	Lb			
GLY45AAb	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSCR	P	C	48	66	90	1.05	193	105	1.36	8.7	Lb			
GL45AAa	4.56	1/8	LBP	S	220-240V 50Hz ~1	RSIR	P	C	37	57	81	0.81	184	96	1.06	7.9	Lb			
GL45AAb	4.56	1/8	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	37	57	81	0.81	184	96	1.06	7.9	Lb			
GL45AF	4.56	1/8	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	36	56	80	0.74	184	95	0.97	8.4	Lb			
GL45ANa	4.56	1/8	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	36	56	80	0.78	184	95	1.03	8.4	Lb			
GLY55AAa	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSIR	P	C	53	78	108	1.03	238	127	1.33	8.7	Lb			
GLY55AAb	5.46	1/7	LBP	S	220-240V 50Hz ~1	RSCR	P	C	54	78	109	1.09	239	128	1.40	8.7	Lb			
GLY60AAa	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSIR	P	C	58	85	119	1.03	255	139	1.34	8.7	Lb			
GLY60AAb	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSCR	P	C	58	86	120	1.10	256	140	1.42	8.7	Lb			
GL60AAa	5.98	1/6	LBP	S	220-240V 50Hz ~1	RSIR	P	C	50	75	107	0.85	239	126	1.10	8.4	Lb			
GL60AAb	5.98	1/6	LBP	S	220-240V 50Hz ~1	CSIR	R	C-V	50	75	107	0.85	239	126	1.10	8.4	Lb			
GL60AF	5.98	1/6	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	57	81	113	0.82	245	132	1.07	9.1	Lb			
GL60ANa	5.98	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	RSIR	P	C	57	82	114	0.83	244	133	1.09	9.1	Lc			
GL60ANb	5.98	1/6	LBP	F	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	57	82	114	0.83	244	133	1.09	9.1	Lc			
GL60ANc	5.98	1/6	LBP	S	200-240/220-230V 50/60Hz ~1	CSIR	R	C-V	57	82	114	0.83	244	133	1.09	9.1	Lc			
GL60ANd	5.98	1/6	LBP	OC	200-240/220-230V 50/60Hz ~1	RSIR	P	C	57	82	114	0.83	244	133	1.09	9.2	Lc			
GLY70AAa	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	70	96	132	1.05	288	154	1.36	9.7	Lb			
GLY70AAb	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	71	97	133	1.12	289	155	1.44	9.7	Lb			
GL70AA	6.65	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	58	86	121	0.87	268	142	1.12	8.8	Lc			
GL70ANa	6.65	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	RSIR	P	C	70	95	129	0.83	278	151	1.08	9.4	Lc			
GL70ANb	6.65	1/5	LBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	70	95	129	0.83	278	151	1.08	9.4	Lc			
GL70ANc	6.65	1/5	LBP	S	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	70	95	129	0.83	278	151	1.08	9.4	Lc			
GL70ANd	6.65	1/5	LBP	OC	200-220/220-230V 50/60Hz ~1	RSIR	P	C	70	96	129	0.83	278	151	1.08	9.5	Ld			
GLY75AAa	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	74	107	147	1.06	311	172	1.36	9.9	Lc			
GLY75AAb	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	76	108	147	1.12	312	172	1.44	9.9	Lc			
GL75AA	7.38	1/5	LBP	S	220-240V 50Hz ~1	RSIR	P	C	68	95	132	0.91	296	155	1.18	9.0	Lc			
GLY90AAa	8.10	1/5	LBP	S	220-240V 50Hz ~1	RSCR	P	C	97	129	184	1.17	340	191	1.37	10.0	Lc			

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Model: GL70AA

General data

Refrigerant:	R134a
Discharge element:	C
Cooling:	S
Maximum ambient temperature [°C]:	43

Compressor's data

Cylinder capacity [cm³]:	6,7
Displacement [m³/h]:	1,1
Weight [kg]:	9,6
Oil charge [cm³]:	345
Oil type:	ISO VG 19 ESTER

Engine's data

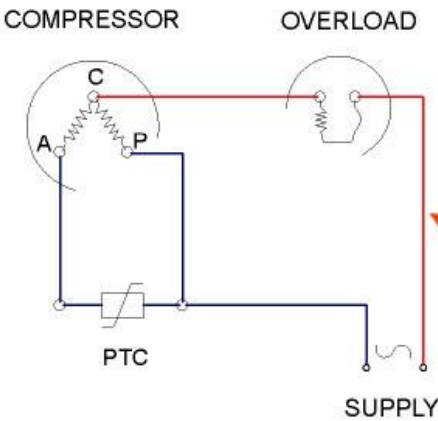
Engine type:	RSIR
Power [KM]:	1/5
Starting element:	LST
Power supply:	220V 50Hz
Voltage range:	187-264
Locked rotor current [A]:	10,9
Running winding resistance (25°C) [Ω]:	12,59
Starting winding resistance (25°C) [Ω]:	22,02

Electrical data

Relays:	3003
Shielding element:	MRA38028, T0508, AF18FU
Starting capacitor volume [μF]:	

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RSIR



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■ R134a

Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity		COP without RC		COP with RC	
					ASHRAE -23.3°C kcal/h	CECOMAF -25°C W	ASHRAE -23.3°C W/W	CECOMAF -25°C W/W	ASHRAE -23.3°C W/W	CECOMAF -25°C W/W
▶  GL45AA	LBP-R134a	1.8	43	A	96	82	1.06	0.92		
▶  GL45AN	LBP-R134a	1.8	50	C	96	81	1.05	0.9		
▶  GL60AA	LBP-R134a	1.6	43	A	132	114	1.14	0.99		
▶  GL60AF	LBP-R134a	1.6	43	D	132	113	1.07	0.92		
▶  GL60AH	LBP-R134a	1.6	43	A	133	114	1.31	1.01		
▶  GL60AN	LBP-R134a	1.6	50	C	132	114	1.07	0.93		
▶  GL70AA	LBP-R134a	1.5	43	A	146	128	1.18	0.92		
▶  GL70AN	LBP-R134a	1.5	50	D	150	129	1.08	0.93		
▶  GL70AT	LBP-R134a	1.5	43	E	144	122	1.09	0.84		
▶  GL75AA	LBP-R134a	1.5	43	A	155	133	1.18	0.92		
▶  GL80AA	LBP-R134a	1.5	43	A	173	148	1.16	0.93		
▶  GL80AF	LBP-R134a	1.5	43	D	166	141	1.14	0.88		
▶  GL80AH	LBP-R134a	1.5	43	A	175	150	1.35	1.06		
▶  GL80AN	LBP-R134a	1.4	43	A	196	168	1.36	1.06		
▶  GL90AA	LBP-R134a	1.4	43	A	195	167	1.19	0.93		
▶  GL90AH	LBP-R134a	1.4	43	A	215	182	1.36	1.06		
▶  GL90AN	LBP-R134a	1.4	50	D	190	169	1.1	0.93		
▶  GL90AT	LBP-R134a	1.4	43	E	190	161	1.19	0.92		
▶  GL99AA	LBP-R134a	1.4	43	A	214	182	1.24	0.98		
▶  GL99AH	LBP-R134a	1.4	43	A	215	182	1.36	1.06		
▶  GL80AD	LBP-R134a	1.5	43	W	0	0	0	0		
▶  GL90AD	LBP-R134a	1.4	43	W	0	0	0	0		



ZMC

EGL70AT 0707

200-220V-50Hz

R 134 a

MADE IN EGYPT



3 412

1387458

Samsung, Compressor, MSV488A-L1R, Bldc, Inverter, Samsung Inverter, R600a, 1/6Hp, Ipm 8.82CC, 115/220V, Stai (MSV488AL1R, TT1)

Category: compressor

written by www.mbsm.pro | 19 December 2020

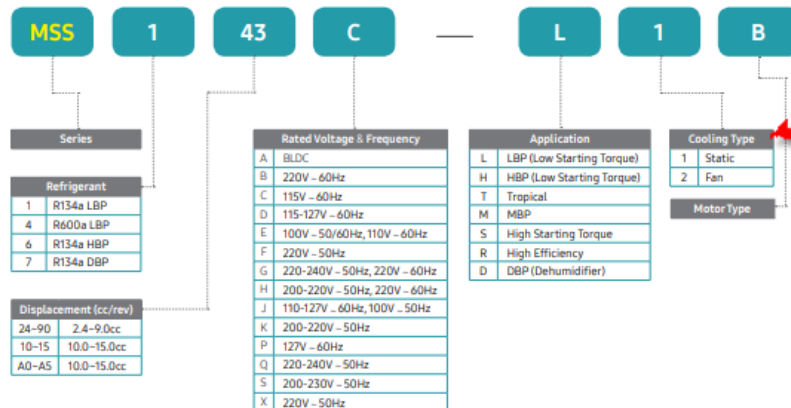






1) Compressor model identification

Ver. 01 Series | CD, MSS, MSA, MSE, ENV, MSV



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Mbsm_dot_pro_private_PDF_compressor-catalogue-2015-1Télécharger

Mbsm_dot_pro_private_PDF_SAMSUNG-Compressor-Catalogue-2018Télécharger

MK 1 62 Q - L 1 U A

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

1) Compressor model identification

NUMBER	MEANING
① Series	CD, SD, MD, SK, MK, MSS, MSA, MSE, ENV, MKV, MSV
② Refrigerant	1 : R134a (LBP) 4 : R600a (LBP) 6 : R134a (HBP)
③ Displacement (cc/Rev) x 10	24 : 2.40cc, 30 : 2.93cc, 37 : 3.71cc, 43 : 4.38cc, 50 : 5.21cc, 51 : 5.12cc, 52 : 5.21cc, 60 : 6.16cc, 62 : 6.16cc, 70 : 6.99cc, 72 : 7.21cc, 80 : 8.19cc, 82 : 8.19cc, 83 : 8.19cc, 88 : 8.80cc, 90 : 9.07cc, A1 : 10.68cc, A2 : 12.13cc, A3 : 12.52cc, A5 : 15.32cc
④ Rated voltage and frequency	B : 220V ~ 60Hz C : 115V ~ 60Hz D : 115-127V ~ 60Hz E : 100V ~ 50/60Hz G : 220-240V ~ 50Hz, 220V ~ 60Hz H : 200-220V ~ 50Hz, 220V ~ 60Hz K : 200-220V ~ 50Hz P : 127V ~ 60Hz Q : 220-240V ~ 50Hz A : variable for BLDC
⑤ Application	L/R/S : Low Back Pressure H : High Back Pressure
⑥ Cooling type	0 : Oil cooling 1 : Static 2 : Fan cooling
⑦ Motor type	B/C/X : BLDC S : PTC or Current-CSIR U : PTC-RSCR (Optional RSIR) W : PTC-CSIR Y : Current-RSIR Z : PTC-RSIR
⑧ Option	

2) Serial number

- ① Model code
- ② Production line
- ③ Year : 05 → Y, 06 → L, 07 → P, 08 → Q, 09 → S, 10 → Z, 11 → B, 12 → C, 13 → D, 14 → F, 15 → G
- ④ Month : 1 → Jan, 2 → Feb, ... A → Oct, B → Nov, C → Dec
- ⑤ Serial number

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SAMSUNG



ADVISORY

This equipment contains
flammable refrigerant

For more information on the use of flammable
refrigerant in domestic refrigerators, visit
<http://www.spring.gov.sg/safety>

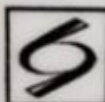
DAB8-C0826A REV10.01



SAMSUNG

S/N : 51734DAG500342P

MODEL :	RT22FARADSA
RATED VOLTAGE :	230-240 V~
RATED FREQUENCY :	50 Hz
RATED CURRENT :	1.5 A
DEFROSTING INPUT :	(FREEZER : 130 W)
CLIMATIC CLASS OF THE APPLIANCE :	T
INSULATION CLASS OF MOTOR COMPRESSOR WINDING :	130(B)
RATED MAXIMUM INPUT OF LAMP :	(REFRIGERATOR : LED 0.9 W)
NAME OF REFRIGERANT :	R-600a
MASS OF REFRIGERANT :	46 g
NAME OF INSULATION BLOWING GAS :	CYCLOPENTANE
MADE BY SAMSUNG	



**SAFETY
MARK**

1 2 1 8 1 4 - 1 1



RT22FARADSA/SS REV(0.0)



WARNING/警告

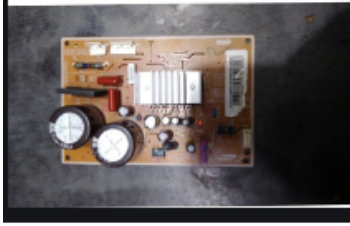


Iso-butane

Risk of fire or explosion! Flammable refrigerant used.

- Place in well ventilated area to prevent accumulation of refrigerant.
 - Repair and disposal must be carried out by trained service personnel.
 - No naked flame during servicing or repair.
- 含有易燃冷却剂！可导致燃烧或爆炸！
为防止燃烧或者爆炸，请注意以下事项：
通风处，以防止冷却剂的累积
由专业人员进行

inverter PCB **5V . 12V . 15V.**
testing **IPM tasting**



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RT22FARADSA/SS

230 V /50 Hz

MSV488AL1R/TT1

BF3, 1.5m

Serial No.

51734DAG500342P



Compresseur, THB1350YS, R-134a, 1/5HP, 230V, Tecumseh

Category: compressor

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- Modèle: **THB1350YS**
- Gaz: **R-134a**
- Température/Pression: **Basse Pression**
- Puissance: **1/5 HP**
- Voltage: **230 V**
- Type De Courant: **Monophasé**
- Fréquence: **50 Hz**
- Type De Compresseur: **Hermétique**
- Décalage: **5.2 cm³**
- Con.Énergie -35°C: **76 W**
- Cons.Énergie -25°C: **100 W**
- Cons.Énergie -10°C: **142 W**
- T° De Condensation: **40 °C**
- Capacidad Frigorífica -35°C: **52 Kcal/h**
- Capacidad Frigorífica -30°C: **74 Kcal/h**
- Capacidad Frigorífica -25°C: **102 Kcal/h**
- Capacidad Frigorífica -20°C: **137 Kcal/h**
- Capacidad Frigorífica -15°C: **176 Kcal/h**
- Capacidad Frigorífica -10°C: **223 Kcal/h**
- Tipo Test: **EN.12900**

[Mbsm_dot_pro_private_PDF_TecumsehTélécharger](#)



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[Mbsm_dot_pro_private_PDF_Tecumseh1Télécharger](#)

R134a, Hitachi, Compressor, (R012-Series), FL06s34-tab, FL0739-SQ, FL0847-SD, FL1152-SB, FL1257-SR, FL14S62-TAD, FL1568-SQ, FL20S88-TAC, FL1888-SE, CL0545-SZ, CL1297-SA, CL1310-SA, CL1588-DZ, CL1610-DL

Category: compressor

written by www.mbsm.pro | 19 December 2020

R134a, Hitachi, Compressor, (R012-Series), FL06s34-tab, FL0739-SQ, FL0847-SD, FL1152-SB, FL1257-SR, FL14S62-TAD, FL1568-SQ, FL20S88-TAC, FL1888-SE, CL0545-SZ, CL1297-SA, CL1310-SA, CL1588-DZ, CL1610-DL

Code No.	Model	HP	Capacity (W)	Current (A)	Efficiency COP (w/w)	Voltage / Frequency
R134a Models						
R012001	FL 06S34-TAB	1/12	85	0.70	0.93	220V – 240V / 50Hz
R012002	FL 0739-SQ	1/10	114	0.72	1.20	
R012003	FL 0847-SD	1/8	130	0.83	1.19	
R012005	FL 1152-SB	1/6	143	0.82	1.27	
R012006	FL 1257-SR	1/5	160	0.90	1.25	
R012007	FL 14S62-TAD	1/5	175	0.95	1.30	
R012008	FL 1568-SQ	1/4	200	1.11	1.30	
R012009	FL 20S88-TAC	1/3	255	1.50	1.25	
R012010	FL1888-SE	1/3	245	1.51	1.25	
R600a Models						
	CL 0545-SZ	1/12	62	0.70	1.12	220V – 240V / 50Hz
	CL 1297-SA	1/5	156	0.90	1.46	
	CL 1310-SA	1/5+	163	0.95	1.48	
R600a Models (Inverter)						
	CL 1588-DZ	1/6	134	0.83	1.62	220V – 240V / 50Hz
	CL 1610-DL	1/5	160	0.90	1.65	



FLO6S34

85 Watts

R134a

220V

HITACHI
Compressor

LBP

FREEZING

COOLING

RECIPROCATING COMPRESSOR

CE ULC CB RoHS

1/12HP 220V

100% SATISFACTION GUARANTEE

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Hitachi, Freezing, Compressor, R600a, CL1610-DL, INVERTER, 1/5hp, 615BTU / HR /3000RPM, 180W/3000RPM, LBP, 100v 50/60HZ, With oil change

Category: compressor

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CL1610

180 Watts

R600a

INVERTER

FREEZING

COOLING

HITACHI

Compressor

LBP

SATISFACTION

100%

GUARANTEE

RECIPROCATING COMPRESSOR

CE CB RoHS

1/5HP 615BTU



The image shows a black Hitachi CL1610 reciprocating compressor. It has a cylindrical body with various ports and a label that includes the Hitachi logo, model number, and technical specifications. The background is a collage of images related to refrigeration, including a refrigerator, a milk carton, and various fruits and vegetables.

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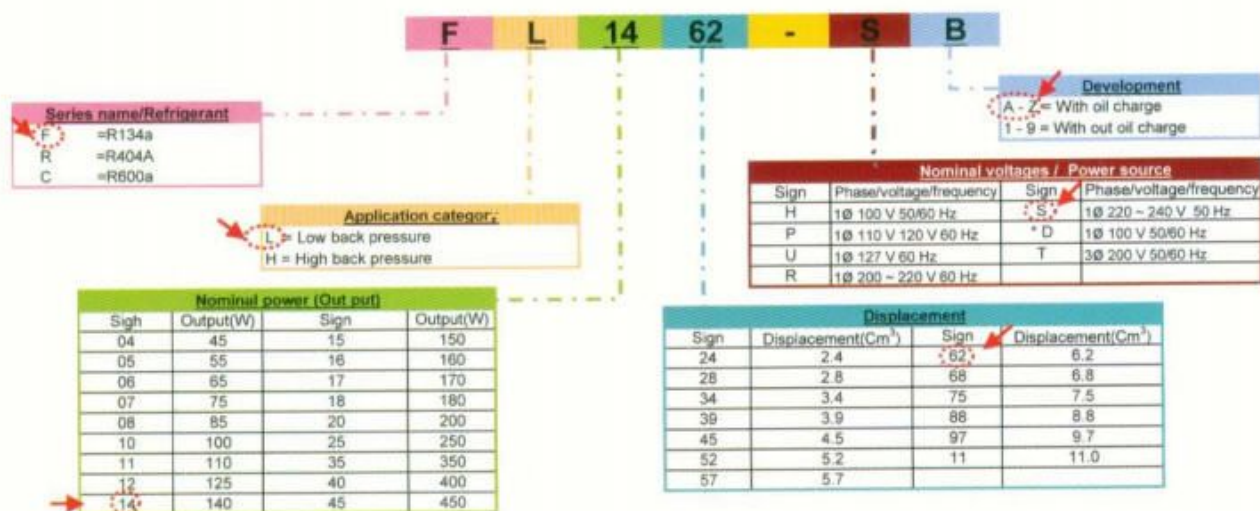
SPECIFICATION

MODEL	Curcuit	HP	BTU/HR	WATTS	PRESSRE BACK	CC
CL1610- DL,DY	INVERTER	1/5	615/3000RPM	180/3000RPM	LBP	10.3

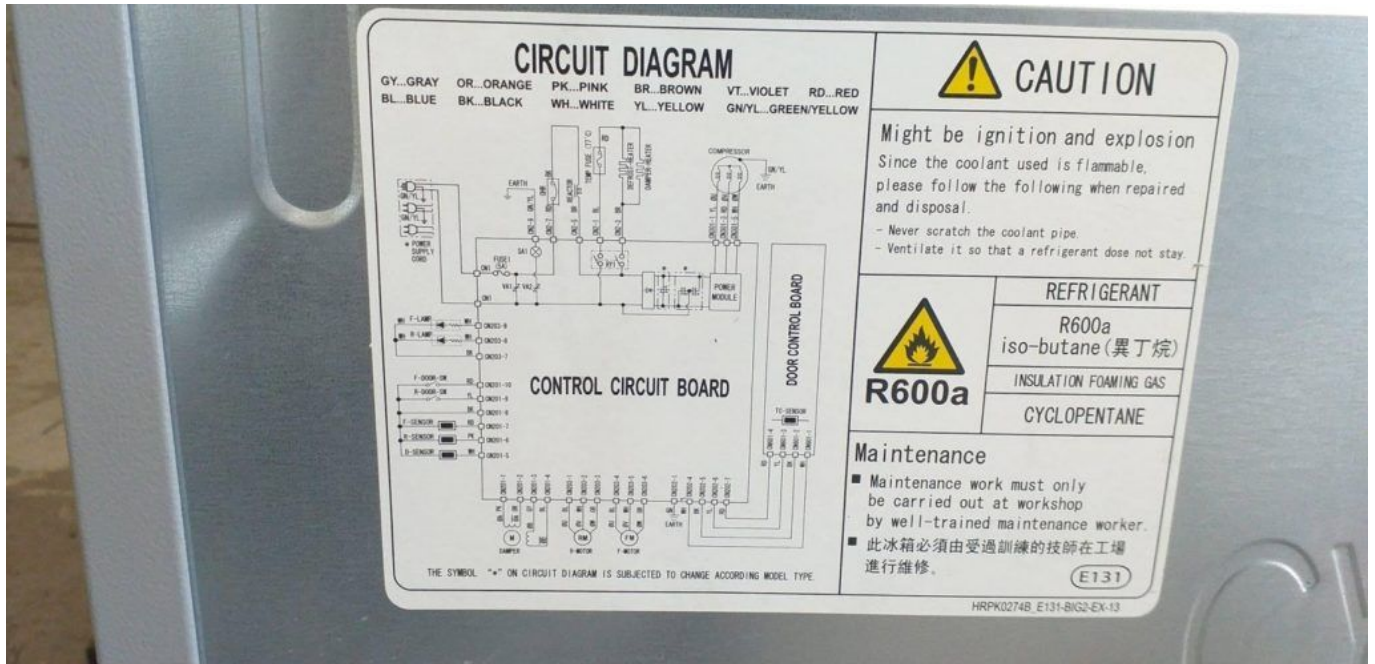
LBP = LOW BACK PRESSURE

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Detail of Label







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Code No.	Model	HP	Capacity (W)	Current (A)	Efficiency COP (w/w)	Voltage / Frequency
R134a Models						
R012001	FL 06S34-TAB	1/12	85	0.70	0.93	220V – 240V / 50Hz
R012002	FL 0739-SQ	1/10	114	0.72	1.20	
R012003	FL 0847-SD	1/8	130	0.83	1.19	
R012005	FL 1152-SB	1/6	143	0.82	1.27	
R012006	FL 1257-SR	1/5	160	0.90	1.25	
R012007	FL 14S62-TAD	1/5	175	0.95	1.30	
R012008	FL 1568-SQ	1/4	200	1.11	1.30	
R012009	FL 20S88-TAC	1/3	255	1.50	1.25	
R012010	FL1888-SE	1/3	245	1.51	1.25	
R600a Models						
	CL 0545-SZ	1/12	62	0.70	1.12	220V – 240V / 50Hz
	CL 1297-SA	1/5	156	0.90	1.46	
	CL 1310-SA	1/5+	163	0.95	1.48	
R600a Models (Inverter)						
	CL 1588-DZ	1/6	134	0.83	1.62	220V – 240V / 50Hz
	CL 1610-DL	1/5	160	0.90	1.65	

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LBP , 1/5Hp, HIGHLY, compressor, C-BF061L4A, Low Voltage start 160V-260V, RSIR/RSCR, 170W

Category: compressor

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LBP , 1/5Hp, HIGHLY, compressor, C-BF061L4A, Low Voltage start 160V-260V, RSIR/RSCR, 170W

GQR16TG, light, commercial, refrigeration, compressor ,1 / 2+ HP, 220V/50Hz, CSIR, capacitor:08UF, R134A, Middle/Hight Back Pressure

Category: compressor

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GQR16TG, light, commercial, refrigeration, compressor ,1 / 2+ HP, 220V/50Hz, CSIR, capacitor:80UF, R134A

HUAYI, Refrigeration Compressor ,HYE69Y63, R134A, LBP, 195W, 1/4Hp , RSIR

Category: compressor

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HUAYI, Refrigeration Compressor ,HYE69Y63,R134A, LBP, 195W, 1/5Hp , RSIR,

COMPRESSOR, NL 11 F, 1/3 HP, R134, 230/1/50, DANFOSS, RSIR / CSIR

Category: compressor

written by www.mbsm.pro | 19 December 2020

COMPRESSOR, NL 11 F, 1/3 HP, R134, 230/1/50, DANFOSS, RSIR / CSIR

R134A, MBP, Copeland Hermetic, Reciprocating, Freezer, Compressor,Kcj467Hag, 1/2Hp

Category: compressor

written by www.mbsm.pro | 19 December 2020

R134A, MBP, Copeland Hermetic, Reciprocating, Freezer, Compressor,Kcj467Hag,
1/2Hp