

**GMCC, PE50h1f-9, Compressor,  
RSCR, 220V-240V-50hz, R134A,  
LBP, 153W, 1/5HP**

written by Lilianne | 20 December 2020



111010100005361716C00566

PE50H1F-9

**GMCC**

THERMALLY  
PROTECTED  
R134a

**PE50H1F-9**

220V-240V~50Hz, 1Ph

RoHS



612000531B4SVL1LMD



ANHUI MEIZHI COMPRESSOR CO., LTD

E	PE35E1F-9	3.5	ST	RSCR	220V~50Hz	95	1.50	CB	AI	174
	PE40E1H-9	4.0	ST	RSCR	220V~50Hz	115	1.40	---	AI	175
	PE45E1F-9	4.5	ST	RSCR	220V~50Hz	120	1.50	---	AI	175
	PE50E1H-9	5.0	ST	RSCR	220V~50Hz	136	1.40	---	AI	175
	SE25E1R-9	2.5	ST	RSIR	220V~50Hz	55	1.00	---	AI	160
	SE30E1M-9	3.0	ST	RSIR	220V~50Hz	75	1.15	CB	AI	165
	SE35E1M-9	3.5	ST	RSIR	220V~50Hz	95	1.30	---	AI	165
	SE40E1H-9	4.0	ST	RSIR	220V~50Hz	108	1.35	CB	AI	174
	SE40E1K-9	4.0	ST	RSIR	220V~50Hz	108	1.25	CB	AI	165
	SE45E1J-9	4.5	ST	RSIR	220V~50Hz	120	1.35	CB	AI	174
H	SE59E1H-9	5.9	ST	RSIR	220V~50Hz	160	1.38	---	AI	174
	PE40H1C-9	4.0	ST	RSCR	220V~50Hz	110	1.65	---	AI	178
	PE45H1F-9	4.5	ST	RSCR	220V~50Hz	130	1.50	CB	AI	178
	PE50H1C-9	5.0	ST	RSCR	220V~50Hz	153	1.63	CB	AI	178
	PE50H1F-9	5.0	ST	RSCR	220V~50Hz	153	1.50	---	AI	178
	PE55H1D-9	5.5	ST	RSCR	220V~50Hz	170	1.60	---	AI	178
	PE55H1F-9	5.5	ST	RSCR	220V~50Hz	163	1.55	CB	AI	178
PE55H1C-9	6.5	ST	RSCR	220V~50Hz	190	1.65	---	AI	178	



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P Z 90 H 1 Y - 4

冷媒种类 Refrigerant	
Z	R600a
E	R134a
A	R290

排气容积 Displacement	
	9.0cc

系列名 Series				
H	E	C	V	K

效率级别 Efficiency Level	
1	低背压LBP
M	中背压MBP
H	高背压HBP

电源规格 Power	
J	100V~50/60Hz
U	115V~60Hz
B	127V~60Hz
M(3)	220V~240V~50Hz 208V~240V~60Hz
无	220V~240V~50Hz
4	220V~240V~50/60Hz
9	220V~240V~50/60Hz(变频电压)
N	220V~240V~60Hz
P	208V~240V~60Hz
E	115V~127V~60Hz
H	100V~50/60Hz 127V~60Hz

启动方式 Motor Type		电源类型 Power	
P	RSCR	220V~240V	
S	RSIR	220V~240V	
E	RSCR	100V, 115V	
F	RSIR	100V, 115V	
K	CSR/CSIR	220V~240V	
C	CSR/CSIR	100V, 115V	
D	DC变频	220V~240V	
	DC Inverter	100V~115V	

### 测试工况 TESTING CONDITIONS

测试工况 Test Condition	低背压LBP ASHRAE	中背压MBP ASHRAE	高背压HBP ASHRAE
蒸发温度Evap.Temp. °C	-23.3	-6.7	7.2
环境温度Amb.Temp. °C	32.2	35	35
冷凝温度Cond.Temp. °C	54.4	54.4	54.4
吸气温度SuctionTemp. °C	32.2	35	35
过冷温度SubcoolingTemp. °C	32.2	46	46

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Mbsm\_dot\_pro\_private\_PDF\_pe50h1f-9-2Télécharger  
Mbsm\_dot\_pro\_private\_PDF\_pe50h1f-9-3Télécharger

# 1/5HP, Refrigerator, Samsung, Compressor, R134A, 220-240V, SD162Q-L1UA, PTC-RSCR, 6.16CC

written by Lilianne | 20 December 2020



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Model No.: SD162Q-L1UA

Test condition: ASHARE

Evaporating Temperature: -23.3° C

Condensing Temperature: 54.4° C

Displacement: 6.16CC/ Rev

Oil: 180CC

Motor type: PTC-RSCR

Nominal voltage range: 187V~276V at 50Hz

Characteristics:

1. Strong load capacity
2. High efficiency & reliability
3. Reliable starting performance
4. Low noise

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R134a LBP compressors

**ASHRAE CONDITIONS (LBP)**  
 Evaporating Temp: -23.3°C ( -10°F)  
 Condensing Temp: 54.4°C (130°F)  
 Gas Superheated to: 32.2°C (90°F)  
 Liquid sub-cooled to: 32.2°C (90°F)  
 Ambient Temp.: 32.2°C (90°F)

**COOLING TYPE**  
 FC : Fan cooling  
 OC : Oil cooling

**UNIT CONVERSION TABLE**  
 W x 0.86 = Kcal/Hr  
 W x 3.415 = BTU  
 Kcal/Hr x 1.163 = W  
 Kcal/Hr x 3.968 = BTU  
 BTU x 0.293 = Kcal/Hr  
 BTU x 0.293 = W



RATED VOLTAGE	MODEL	VOLTAGE VOLT-HZ	MOTOR TYPE	DISPL (cc)	HEIGHT (mm)	ASHRAE						COOLING TYPE	
						COOLING CAPACITY -23.3 °C			POWER INPUT W	EFFICIENCY (-23.3 °C)			
						Kcal/Hr	Watt	BTU/Hr		EFF	COP		EER
AC 110V/50-60Hz	CD124E-L1Z2	100-50	RSIR	2.40	157	43	50	171	68	0.83	0.74	2.51	ST
		100-60				52	60	206	68	0.76	0.89	3.04	
		100-50				58	67	230	76	0.76	0.89	3.03	
	CD130E-L1Z2	100-60	RSIR	2.93	157	70	81	278	79	0.89	1.03	3.52	ST
		100-50				72	84	286	91	0.79	0.92	3.14	
	SD137E-L1U2	100-60	RSCR	3.71	166	87	101	345	99	0.88	1.02	3.49	ST
		100-50				117	136	464	111	1.05	1.23	4.18	
	SD152E-L1W2	100-60	CSR	5.21	171	135	157	536	121	1.12	1.30	4.43	ST
		100-50				144	168	572	141	1.02	1.19	4.06	
	SD162E-L1W2	100-60	CSR	6.16	175	170	198	676	147	1.16	1.35	4.60	ST
		100-50				80	93	317	85	0.94	1.09	3.73	
	DD137-L1U2	100-60	RSCR	3.71	166	96	111	380	90	0.97	1.12	3.84	ST
		100-50				118	137	468	103	1.15	1.33	4.55	
	MD152E-L1U2	100-60	RSCR	5.21	171	143	166	568	118	1.21	1.41	4.81	ST
		100-50				143	166	568	116	1.23	1.43	4.89	
	MD162E-L1U2	100-60	RSCR	6.16	175	182	212	723	141	1.29	1.50	5.12	ST
		100-50				168	195	667	149	1.13	1.31	4.48	
	SK170E-L2W	100-60	CSR	6.99	189	206	240	818	170	1.21	1.41	4.81	FC
		100-50				203	236	806	188	1.08	1.26	4.29	
	SK182E-L2W	100-60	CSR	8.19	189	239	278	950	196	1.22	1.42	4.85	FC
		100-50				203	236	806	161	1.26	1.47	5.01	
	DK182E-L2U	100-60	RSCR	8.19	189	256	298	1016	191	1.34	1.56	5.32	FC
		100-50				230	267	913	180	1.28	1.49	5.07	
	DK190E-L2U	100-60	RSCR	9.07	189	280	326	1112	209	1.34	1.56	5.32	FC
100-50		181				210	719	140	1.29	1.50	5.13		
MK172E-L2U	100-60	RSCR	7.21	189	226	263	897	162	1.40	1.62	5.54	ST	
	100-50												

Samsung compressors are imported in Europe by: Procold S.r.l. - Italy  
[www.samsung-compressors.com](http://www.samsung-compressors.com) [www.procold.it](http://www.procold.it)

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### 1/5HP Refrigerator Compressor R134A 220-240V



Price : **US \$ 28/ Piece**  
 Payment Terms : **L/C, T/T, Western Union**  
 Trade Terms : **FOB**  
 Production Capacity : **6, 000, 000PCS/ Year**  
 Packing Details : **by Pallet**  
 Refrigerant Gas : **R134A**  
 Main Markets : **Global**  
 Place of Origin : **china**  
 Category : **Refrigerators**



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Model No.: SD162Q-L1UA

Test condition: ASHARE

Evaporating Temperature: -23.3° C

Condensing Temperature: 54.4° C

Displacement: 6.16CC/ Rev

Oil: 180CC

Motor type: PTC-RSCR

Nominal voltage range: 187V~276V at 50Hz

Characteristics:

1. Strong load capacity
2. High efficiency & reliability
3. Reliable starting performance
4. Low noise

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Rated voltage	Item No.	Description	ASHARE					Cooling Type	Motor Type
			Capacity at 50Hz		COP (W/W) at 50Hz	Current (A) at 50Hz	Power Input (W)		
			W	Btu					
AC 220-240V/ 50Hz	MSA141Q-S1A	Refrigerator Compressor R134a LBP	122	416	1.27	0.67	96	Static	PTC-RSIR
	MSA143Q-S1Z		112	381	1.34	0.69	83	Static	PTC-RSIR
	SD151Q-L1UB		140	478	1.27	0.52	110	Static	RSCR
	SD162Q-L1UA		170	580	1.36	0.59	125	Static	PTC-RSCR
	MSA170Q-L1B		201	686	1.56	0.63	129	Static	RSCR
AC 200- 220V/ 50Hz or 220V/ 60Hz	SD152H-S1UB	Refrigerator Compressor R134a LBP	134	457	1.17	0.66	114	Static	RSCR
	SD162H-L1UB		170	580	1.22	0.82	139	Static	PTC-RSCR
	MSA170H-L1B		201	686	1.43	0.87	141	Static	RSCR

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1) Compressor model identification

NUMBER	MEANING
① Series	CD, SD, MD, SK, MK, HK, MSS, MSA, MSE, ENV, MKV, MSV
② Refrigerant	1 : R 134a (LBP) 4 : R 600a (LBP) 6 : R 134a (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-CSR Y : Current-RSIR Z : PTC-RSIR
⑧ Option	

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

written by Lilianne | 20 December 2020



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# 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, HK, MSS, MSA, MSE, ENV, MKV, MSW
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-CSR 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



**DIGITAL  
INVERTER  
TECHNOLOGY**

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**10** YEAR - ON THE COMPRESSOR  
**WARRANTY**

**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>

DA68-02826A REV03.01

ENERGY EFFICIENCY RATING

**Low**

✓ ✓ ✓ ✓

Annual Energy Cost	Annual Energy Consumption
<b>\$104</b>	<b>384 kWh</b>

Samsung  
RT22FARADSA

Refrigerator-freezer  
Capacity: 234 L

Based on Singaporean grid with 0.20 \$/kWh  
Based on 270 kWh electricity used and 20 hours daily usage  
Annual Annual Energy Consumption and cost may vary  
For more information, visit [www.spring.gov.sg](http://www.spring.gov.sg)  
MEL 5-SAM-RT1201



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**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**

written by Lilianne | 20 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
<b>R134a Models</b>						
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	
<b>R600a Models</b>						
	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	
<b>R600a Models (Inverter)</b>						
	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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**Hitachi, Freezing, Compressor, R600a, CL1610-DL, INVERTER, 1/5hp, 615BTU / HR /3000RPM, 180W/3000RPM, LBP, 100v 50/60HZ, With oil change**

written by Lilianne | 20 December 2020

**HITACHI**  
Compressor

**CL1610**

**FREEZING**

**180 Watts**

**R600a**

**INVERTER**

**LBP**

**RECIPROCATING COMPRESSOR**

**COOLING**

**1/5HP 615BTU**

SATISFACTION GUARANTEE 100%

CE RoHS

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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

**F L 14 62 - S B**

**Series name/Refrigerant**

- F = R134a
- R = R404A
- C = R600a

**Application category**

- L = Low back pressure
- H = High back pressure

**Development**

- A - Z = With oil charge
- 1 - 9 = With out oil charge

Sign	Output(W)	Sign	Output(W)
04	45	15	150
05	55	16	160
06	65	17	170
07	75	18	180
08	85	20	200
10	100	25	250
11	110	35	350
12	125	40	400
14	140	45	450

Sign	Phase/voltage/frequency	Sign	Phase/voltage/frequency
H	1Ø 100 V 50/60 Hz	S	1Ø 220 ~ 240 V 50 Hz
P	1Ø 110 V 120 V 60 Hz	D	1Ø 100 V 50/60 Hz
U	1Ø 127 V 60 Hz	T	3Ø 200 V 50/60 Hz
R	1Ø 200 ~ 220 V 60 Hz		

Sign	Displacement(Cm <sup>3</sup> )	Sign	Displacement(Cm <sup>3</sup> )
24	2.4	62	6.2
28	2.8	68	6.8
34	3.4	75	7.5
39	3.9	88	8.8
45	4.5	97	9.7
52	5.2	11	11.0
57	5.7		

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- ✘
- ✘



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HITACHI CL1610-DL

R600a OIL 2014.11.06



SERIAL NO. 02395

⚠ WARNING | HIGH TEMPERATURE  
ELECTRIC SHOCK  
DO NOT TOUCH A60

  
R600a  
WARNING BURNS-  
EXPLODE. KEEP AWAY  
FROM IGNITION



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

written by Lilianne | 20 December 2020

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

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

written by Lilianne | 20 December 2020

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

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

written by Lilianne | 20 December 2020



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

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

written by Lilianne | 20 December 2020

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

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

written by Lilianne | 20 December 2020

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