

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 | 18 December 2020

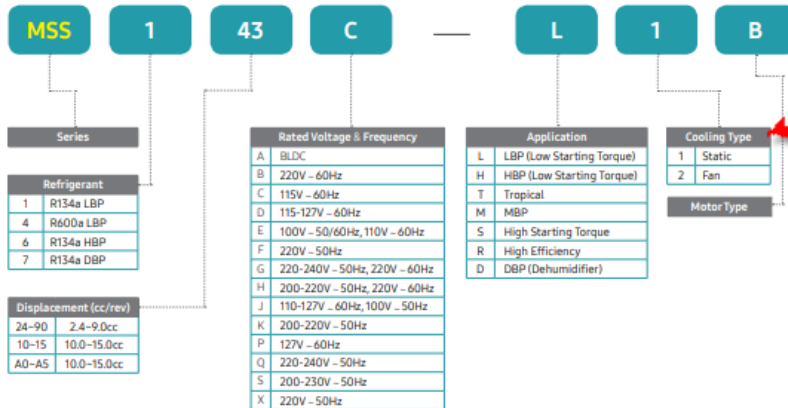


Private Picture Copyright : WWW.MBSM.PRO



1) Compressor model identification

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



Private Picture Copyright : WWW.MBSM.PRO

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, HK, 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-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

Private Picture Copyright : WWW.MBSM.PRO



SAMSUNG



DIGITAL
INVERTER
TECHNOLOGY

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>

DA88-C8826A REV10.01

ENERGY EFFICIENCY RATING

Low



Annual Energy Cost	Annual Energy Consumption
\$104	384 kWh

Samsung
RT22FARADSA

Refrigerator-freezer
Capacity: 234 L

Based on compliance with SEC 12142
Based on 23°C ambient temperature and 12 hours daily usage
Please consult your local authority and retailer for
For more information, visit www.mca.gov.sg
MCA-SAM-RT12142

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(0.01)



WARNING / 警告



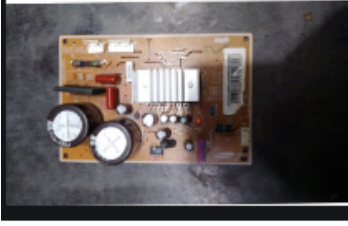
Iso-butane

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:
1. 在通风处, 以防止冷却剂的累积
2. 修理或处理必须由专业人员进行
3. 修理或处理时禁止明火

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



RT22FARADSA/SS

230 V /50 Hz

MSV488AL1R/TT1

BF3, 1.5m

Serial No.

51734DAG500342P



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 | 18 December 2020

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	

Private Picture Copyright: WWW.MBSM.PRO

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	

Private Picture Copyright : WWW.MBSM.PRO

FLO6S34

85 Watts

R134a

220V

HITACHI Compressor

LBP

FREEZING

COOLING

SATISFACTION 100% GUARANTEE

RECIPROCATING COMPRESSOR

CE RoHS

1/12HP 220V

Private Picture Copyright : WWW.MBSM.PRO

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

Category: compressor

written by www.mbsm.pro | 18 December 2020



HITACHI
Compressor

CL1610

FREEZING

180 Watts

R600a

INVERTER

LBP

RECIPROCATING COMPRESSOR

COOLING

1/5HP 615BTU

SATISFACTION 100% GUARANTEE

CE RoHS CB

Private Picture Copyright : WWW.MBSM.PRO

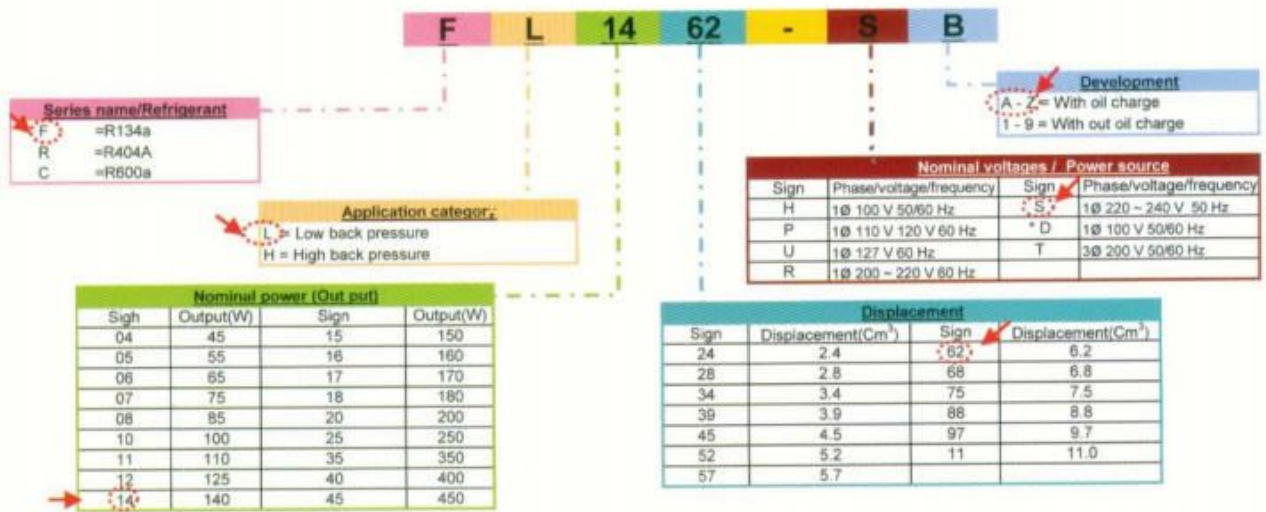
SPECIFICATION

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

Private Picture Copyright : WWW.MBSM.PRO

Detail of Label



Series name/Refrigerant

F	=R134a
R	=R404A
C	=R800a

Application category:

L	= Low back pressure
H	= High back pressure

Nominal power (Out put)

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

Nominal voltages / Power source

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		

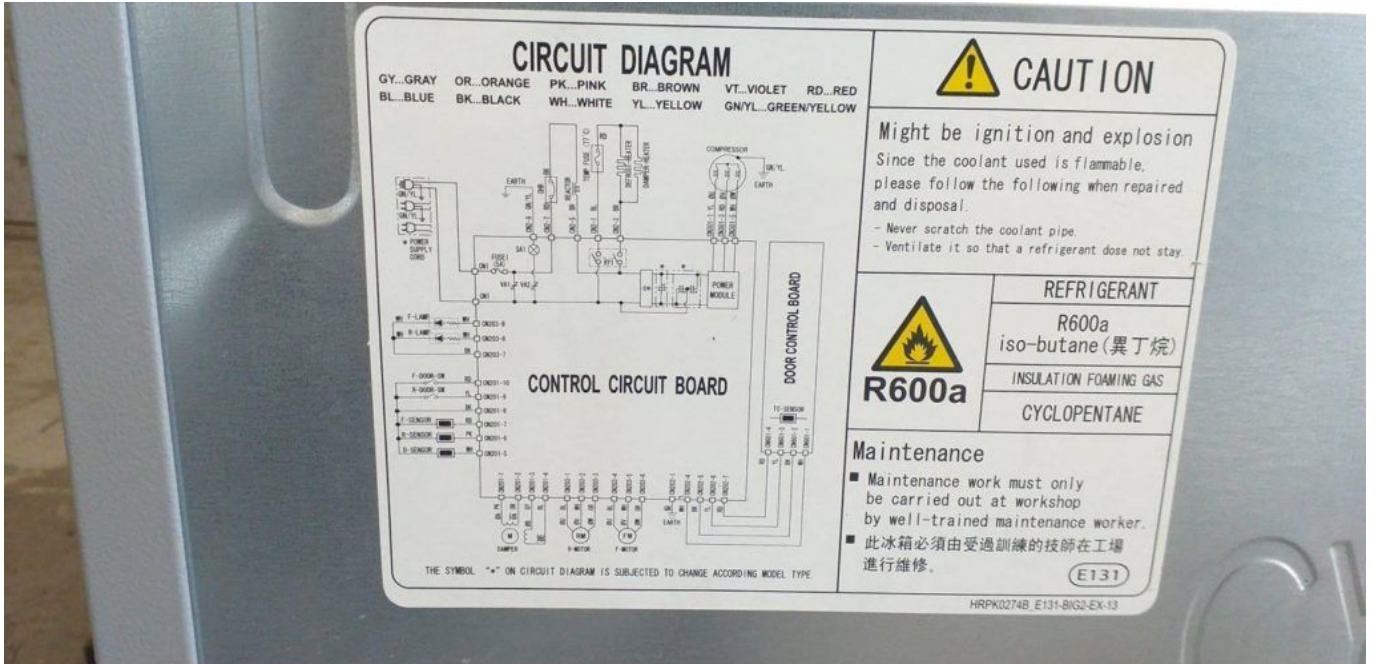
Displacement

Sign	Displacement(Cm ³)	Sign	Displacement(Cm ³)
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		

Development

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





Private Picture Copyright: WWW.MBSM.PRO



Private Picture Copyright: WWW.MBSM.PRO



Private Picture Copyright: WWW.MBSM.PRO

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	

Private Picture Copyright: WWW.MBSM.PRO





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

Category: compressor

written by www.mbsm.pro | 18 December 2020



Private Picture Copyright : WWW.MBSM.PRO

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

written by www.mbsm.pro | 18 December 2020



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

written by www.mbsm.pro | 18 December 2020



Private Picture Copyright : WWW.MBSM.PRO

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 | 18 December 2020



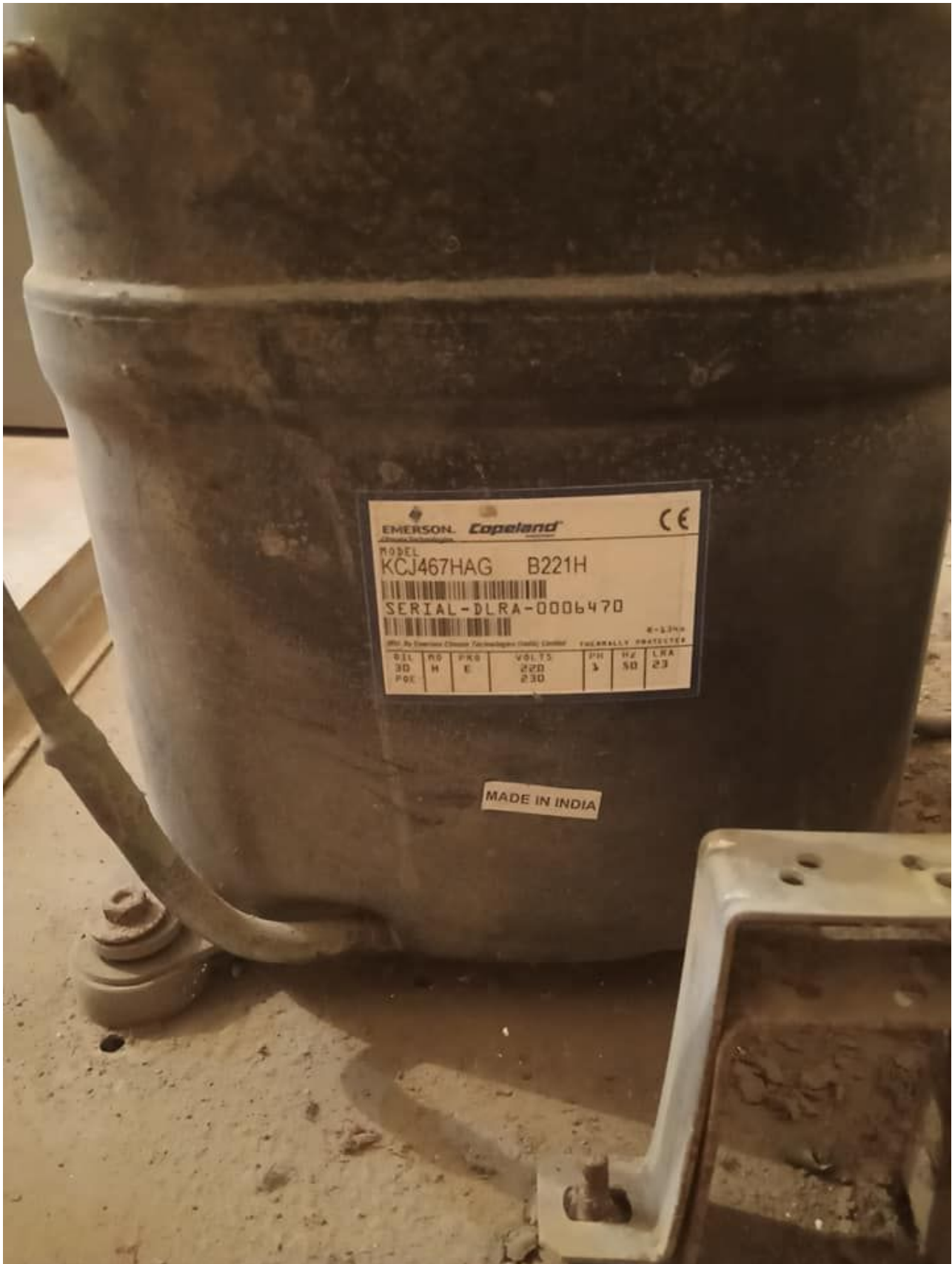
Private Picture Copyright : WWW.MBSM.PRO

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 | 18 December 2020



Private Picture Copyright : WWW.MBSM.PRO

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

ML60FB, CUBIGEL, ACC FRIDGE,
COMPRESSOR, 220/240V 50Hz, 1/5 Hp,
displacement 6,00 cc gas 404/A – 507
LBP

Category: compressor

written by www.mbsm.pro | 18 December 2020



Private Picture Copyright : WWW.MBSM.PRO

ML60FB, CUBIGEL, ACC FRIDGE, COMPRESSOR, 220/240V 50Hz, 1/5 Hp, displacement 6,00 cc gas 404/A – 507 LBP

Embraco, Compressor, Fridge,
Refrigerator, 1/5HP, LBP, 1/6++,mbp
R134a, FFI7.5HAK, 220-240V/50HZ

Category: compressor

written by www.mbsm.pro | 18 December 2020



Embraco, Compressor, Fridge, Refrigerator, 1/4HP LBP, R134a, FFI7.5HAK,
220-240V/50HZ