

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

written by Lilianne | 18 December 2020





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### 1) Compressor model identification

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

**MSS** **1** **43** **C** — **L** **1** **B**

Series
MSS

Refrigerant
1 R134a LBP
4 R600a LBP
6 R134a HBP
7 R134a DBP

Displacement (cc/rev)
24-90 2.4-9.0cc
10-15 10.0-15.0cc
A0-A5 10.0-15.0cc

Rated Voltage & Frequency
A BLDC
B 220V ~ 60Hz
C 115V ~ 60Hz
D 115-127V ~ 60Hz
E 100V ~ 50/60Hz, 110V ~ 60Hz
F 220V ~ 50Hz
G 220-240V ~ 50Hz, 220V ~ 60Hz
H 200-220V ~ 50Hz, 220V ~ 60Hz
J 110-127V ~ 60Hz, 100V ~ 50Hz
K 200-220V ~ 50Hz
P 127V ~ 60Hz
Q 220-240V ~ 50Hz
S 200-230V ~ 50Hz
X 220V ~ 50Hz

Application
L LBP (Low Starting Torque)
H HBP (Low Starting Torque)
T Tropical
M MBP
S High Starting Torque
R High Efficiency
D DBP (Dehumidifier)

Cooling Type
1 Static
2 Fan

Motor Type
L
H
T
M
S
R
D



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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, 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

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**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	



1 2 1 8 1 4 - 1 1



RT22FARADSA/SS REV10.01



# 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:  
在通风处, 以防止冷却剂的累积  
必须由专业人员进行  
禁止烟火

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



RT22FARADSA/SS

230 V /50 Hz

MSV488AL1R/TT1

BF3, 1.5m

Serial No.

51734DAG500342P

