

# Stay away from 4 washing machines: Kiriazi, Candy, GMC, White Whale

Category: Global Electric

written by [www.mbsm.pro](http://www.mbsm.pro) | 26 January 2026



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A washing machine is a long-term engineering investment. From a field technician's perspective, choosing the right brand depends on mechanical durability and electronic stability. While brands like Kiryazi, Candy, GMC, and White Whale are popular, they often face structural oxidation and PCB failures. This article analyzes why LG, Samsung, and Bosch are technically superior.

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

Category: compressor

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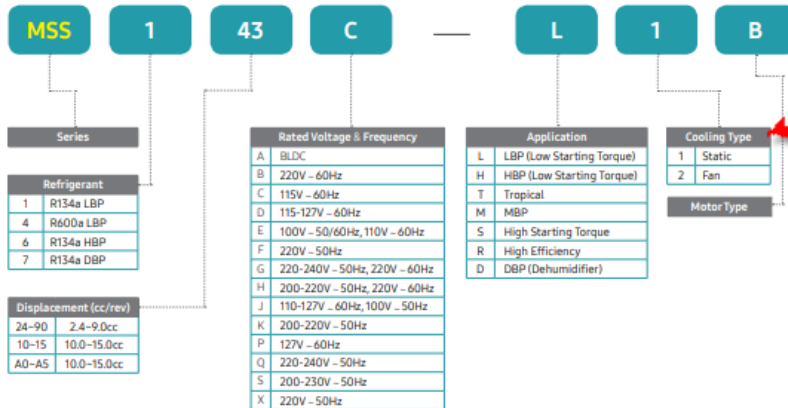


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### 1) Compressor model identification

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, 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-RSIR (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

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-C0826A 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 12342  
Based on 23°C/18°C operating load and 12 hours open door usage  
Please consult www.eea.gov.sg for more information  
For more information, visit www.mca.gov.sg  
MCA-SAM-RT120101

**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



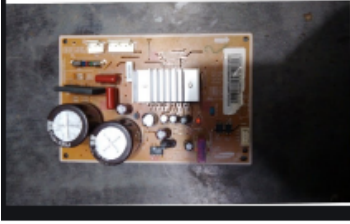
Iso-butane

### 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

