

# Samsung RT47CB663222 Compressor Specifications R600a 1/5 HP Cooling Capacity Inverter Refrigerator Spare Parts

Category: Refrigeration

written by [www.mbsm.pro](http://www.mbsm.pro) | 31 January 2026

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SmartThings

RT47CB663222MA B1

SmartThings icons: person, book, headset

RT47CB663222MA B1

**SAMSUNG**

Compressor, Circulation d'air forcé, Sans glace, Réfrigérateurs-congérateurs type II

نوع الضغط، دوران الهواء القسري، خالية من الثلج، حثارة التبريد

Modèle	RT47CB663222	النموذج
Volume brut(L)	476 L	الحجم الإجمالي
Tension nominale/Fréquence	220-240 V~ / 50 Hz	الجهد الاسمي / التردد
Courant nominal	2.0 A	تيار الاسمي
Alimentation fabrication de glace	-	التغذية كهربائية لصانع الثلج
La puissance de dégivrage	-	قوة إزالة الجليد
Congélateur	140 W (220 V~), 150 W (230-240 V~)	الجمد
Réfrigérateur	-	تلاجم التبريد
Classe climatique	T	فئة التبريد
Réfrigérant	R-600a, 60 g	مزل التبريد
Isolation du gaz de soufflage	CYCLOPENTANE	عزل التجميد
Pouvoir de congélation	5.0 kg/24 hr	قوة التجميد
Durée de montée en température	13 hr	مدة ارتفاع درجة الحرارة [°C]
Volume utile(L) Total / المجموع / حجم الثلاجة	460	المجموع / المجموع
		Congélateur / التجميد
		Réfrigérateur / تلاجم
		Deux étoiles / 6
Puissance de la lampe Congélateur/Réfrigérateur	LED / LED	قوة السراج التجميد/التلاجم

**anrt**  
MR00039143ANRT2023

Fabriquée en Thaïlande

RT47CB663222MA REV.01

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This technical guide explores the Samsung RT47CB663222 refrigerator, a high-efficiency 460-liter unit utilizing R-600a refrigerant. Operating on a 220-240V 50Hz supply, this inverter-driven system is designed for Low Back Pressure applications. We break down the motor characteristics, displacement, and provide a comprehensive list of equivalent replacement compressors for modern field service and professional repairs.

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# Technical Deep Dive: The LG FMA102NAMA Inverter Compressor

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The LG FMA102NAMA is a sophisticated inverter compressor engineered for modern energy-efficient refrigeration systems. Utilizing R600a refrigerant and a variable frequency BLDC motor, this unit provides precise cooling for Low Back Pressure (LBP) applications. Manufactured by Taizhou LG Electronics in China, it features advanced thermal protection and a robust 0-220V 60Hz operating range.

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not recommended to replace compressor (Jiaxipera N1113Y) with (ACC HTK70AA).

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Selecting the right compressor for a refrigeration system is critical for long-term performance and energy efficiency. When replacing a Jiaxipera N1113Y, simply matching the refrigerant type is not enough. This guide breaks down the technical differences between the N1113Y and the ACC HTK70AA, providing the essential data for professional technicians and refrigeration engineers.