

Technical Deep Dive: The LG FMA102NAMA Inverter Compressor

Category: Refrigeration

written by www.mbsm.pro | 27 January 2026



Private Picture Copyright : WWW.MBSM.PRO

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.

Technical Deep Dive: The LG FMA102NAMA Inverter Compressor

Category: Refrigeration

written by www.mbsm.pro | 27 January 2026



Private Picture Copyright : WWW.MBSM.PRO

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.

Mbsm.pro, Compressor, Lg, 2025,
CSB030LHMG, CSB035LHMG, CMA042LHEG,
CMA0S0LHEG, CMA0STLMEG, CMAGE0LHEM,
CMA07SLAEM, LX95LMBM, LX110LAJM,
CSB057NJEG, CSB069NJEG, CSB075NJEG,
CSB090NJJM, CMA110NJEM, CSB0SSLUCM,
CMA0S3LHCG, CMA062LHCM, BSA075NHMV,
BSA0SONAMV, BSA090N3MV, BMK110NHMV

Category: compressor

written by www.mbsm.pro | 27 January 2026

LG REFRIGERATOR COMPRESOR MODEL LIST



REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R134a	1/10 HP	CSB030LHMG	LBP	220-240/50HZ
	1/10 HP	CSB035LHMG	LBP	220-240/50HZ
	1/8 HP	CMA042LHEG	LBP	220-240/50HZ
	1/6 HP	CMA053LHEG	LBP	220-240/50HZ
	1/5 HP	CMA057LHEG	LBP	220-240/50HZ
	1/4 HP	CMA069LHEM	LBP	220-240/50HZ
	1/4+ HP	CMA075LAEM	LBP	220-240/50HZ
	1/3 HP	LX95LHBM	LBP	220-240/50HZ
	1/2 HP	LX110LAJM	LBP	220-240/50HZ

REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R600a	1/10 HP	CSB057NJEG	LBP	220-240/50HZ
	1/8 HP	CSB069NJEG	LBP	220-240/50HZ
	1/6 HP	CSB075NJEG	LBP	220-240/50HZ
	1/5 HP	CSB090NJJM	LBP	220-240/50HZ
	1/4 HP	CMA110NJEM	LBP	220-240/50HZ



REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R134a 110V60HZ	1/6 HP	CSB035LJCM	LBP	110V 60Hz
	1/5 HP	CMA053LHCG	LBP	110V 60Hz
	1/4HP	CMA062LHCM	LBP	110V 60Hz

REF	C/CAPA (HP)	MODEL	POWER (V/Hz)
LG INVERTER R600a	1/5HP	BSA075NHMV	240V 66-225HZ
	1/4HP	BSA090NAMV	240V 63-225HZ
	1/4HP	BSA090NJMV	240V 63-225HZ
	1/3HP	BMK110NHMV	240V 45-225HZ



Private Picture Copyright : WWW.MBSM.PRO

CSB030LHMG, CSB035LHMG, CMA042LHEG, CMA053LHEG, CMA057LHEG, CMA069LHEM, CMA075LAEM, LX95LHBM, LX110LAJM, CSB057NJEG, CSB069NJEG, CSB075NJEG, CSB090NJJM, CMA110NJEM, CSB053LJCM, CMA053LHCG, CMA062LHCM, BSA075NHMV, BSA090NAMV, BSA090NJMV, BMK110NHMV

LG REFRIGERATOR COMPRESOR MODEL LIST



REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R134a	1/10 HP	CSB030LHMG	LBP	220-240/50HZ
	1/10 HP	CSB035LHMG	LBP	220-240/50HZ
	1/8 HP	CMA042LHEG	LBP	220-240/50HZ
	1/6 HP	CMA053LHEG	LBP	220-240/50HZ
	1/5 HP	CMA057LHEG	LBP	220-240/50HZ
	1/4 HP	CMA069LHEM	LBP	220-240/50HZ
	1/4+ HP	CMA075LAEM	LBP	220-240/50HZ
	1/3 HP	LX95LHBM	LBP	220-240/50HZ
	1/2 HP	LX110LAJM	LBP	220-240/50HZ

REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R600a	1/10 HP	CSB057NJEG	LBP	220-240/50HZ
	1/8 HP	CSB069NJEG	LBP	220-240/50HZ
	1/6 HP	CSB075NJEG	LBP	220-240/50HZ
	1/5 HP	CSB090NJJM	LBP	220-240/50HZ
	1/4 HP	CMA110NJEM	LBP	220-240/50HZ



REF	C/CAPA (HP)	MODEL	APP.	POWER (V/Hz)
LG R134a 110V60HZ	1/6 HP	CSB035LJCM	LBP	110V 60Hz
	1/5 HP	CMA053LHCG	LBP	110V 60Hz
	1/4HP	CMA062LHCM	LBP	110V 60Hz

REF	C/CAPA (HP)	MODEL	POWER (V/Hz)
LG INVERTER R600a	1/5HP	BSA075NHMV	240V 66-225HZ
	1/4HP	BSA090NAMV	240V 63-225HZ
	1/4HP	BSA090NJMV	240V 63-225HZ
	1/3HP	BMK110NHMV	240V 45-225HZ

